

THE 2019 COLLEC- TION

ARKOSLIGHT®

LIGHT&LIFE

DESDE 1984

ARKOSLIGHT®

THE NEW HOME OF LIGHT



Arkoslight ha inaugurado sus nuevas instalaciones en Valencia (España), tras un proceso de renovación y ampliación completa de las oficinas centrales de la empresa. Estas nuevas oficinas representan un paso más en el crecimiento y proyección de la firma.

Arkoslight has just inaugurated its new facilities in Valencia (Spain), after a process of complete renovation and expansion of the Company's head offices. These new offices represent a step further in the growth and projection of the firm.

Arkoslight vient d'inaugurer ses nouvelles installations à Valence (Espagne), après un processus de rénovation complète et d'agrandissement du siège de la Société. Ces nouveaux bureaux représentent un pas supplémentaire dans la croissance et la projection de la Société.

Arkoslight ha appena inaugurato le sue nuove strutture a Valencia (Spagna), dopo un processo di completa ristrutturazione e ampliamento della sede della Società. Questi nuovi uffici rappresentano un ulteriore passo avanti nella crescita e nella proiezione dell'azienda.

Arkoslight hat gerade seine neuen Räumlichkeiten in Valencia (Spanien) eröffnet, nachdem der Hauptsitz des Unternehmens komplett renoviert und erweitert wurde. Diese neuen Büros sind ein weiterer Schritt in Richtung Wachstum und Projektion des Unternehmens.



A photograph of a modern building with a glass facade and a central courtyard. The building has multiple levels with glass railings, and the courtyard is paved with dark tiles. The lighting is warm, suggesting an evening or dusk setting.

Las nuevas instalaciones son el escenario de un diálogo entre la luz natural y artificial. Una simbiosis perfecta. El patio es el elemento central de la transparencia, tanto transversal como longitudinal, construido en dos niveles, es capaz de captar la luz y nos permite establecer visualmente una comunicación y un diálogo entre los diferentes espacios.

—

The new facilities are the scenario of a dialogue between natural and artificial light. A perfect symbiosis. The courtyard is the central element of transparency, both transversal and longitudinal, built on two levels, capable of catching the light and allowing us to visually establish a communication and a dialogue between the different spaces.

—

Les nouvelles installations sont le scénario d'un dialogue entre la lumière naturelle et l'artificielle. Une parfaite symbiose. La cour intérieure est l'élément central de la transparence, à la fois transversale

et longitudinale, construite sur deux niveaux, capable d'attraper la lumière et permettant d'établir visuellement une communication et un dialogue entre les différents espaces.

—

Le nuove strutture sono la scena di un dialogo tra luce naturale e artificiale. Una simbiosi perfetta. Il cortile è l'elemento centrale della trasparenza, sia trasversale che longitudinale, costruita su due livelli, capace di catturare la luce e permetterci di stabilire visivamente comunicazione e dialogo tra i diversi spazi.

—

Die neuen Installationen sind der Schauplatz eines Dialogs zwischen natürlichem und künstlichem Licht. Eine perfekte Symbiose. Der Innenhof ist das zentrale Element der Transparenz, sowohl quer als auch längs, auf zwei Ebenen, der das Tageslicht einfangen kann und es ermöglicht, visuell eine Kommunikation und einen Dialog zwischen den verschiedenen Räumen herzustellen.





Las oficinas tienen en la doble altura un elemento esencial. Se ha diseñado una escalera de chapa de acero teñida en negro para conectar los diferentes niveles del edificio.

—
The distribution of the offices over two levels is an essential element. A black-tinted steel sheet stairway has been designed in order to connect the different levels of the building.

—
La distribution sur deux étages des bureaux est un élément essentiel.

Un escalier fabriqué en tôle d'acier teintée noire a été conçu pour relier les différents niveaux du bâtiment.

—
Gli uffici hanno, nella doppia altezza, un elemento essenziale. Una scala fatta di lamiera di acciaio nero è stata progettata per collegare i diversi livelli dell'edificio.

—
Die grosszügig gestalteten Galerie hat ein imponierendes Hauptelement. Es wurde eine Treppe aus schwarzem Cortenstahl entworfen, um die verschiedenen Gebäudeebenen miteinander zu verbinden.

El showroom, también distribuido en dos alturas, recrea pequeños ambientes, intentando comunicar la energía y las cualidades de los productos expuestos. En la planta baja, hay una gran mesa de reuniones y una zona de formación ubicadas de manera periférica, mientras que el nivel superior incluye una "lounge" de sensaciones luminosas y un espacio de networking.

The showroom, also distributed over two heights, recreates small atmospheres, trying to communicate the energy and qualities of the products displayed. On the lower level, there is a large meeting table and training area placed in a peripheral way, whereas the upper level includes a luminous sensations lounge and a networking area.

Le showroom, également distribué sur deux niveaux, recrée de petites ambiances, essayant de communiquer l'énergie et les qualités des produits exposés. Au niveau inférieur, il y a une grande table de réunion et un espace de formation, disposés de manière périphérique, tandis que le niveau supérieur comprend un lounge de sensations lumineuses et un espace de networking.

Lo showroom, anch'esso distribuito su due altezze, ricrea piccole atmosfere, cercando di comunicare l'energia e le qualità dei prodotti esposti. Al livello inferiore, c'è un ampio tavolo da riunione e area di allenamento collocati in un certo senso, mentre il piano superiore comprende un salone di sensazioni luminose e un'area di networking.

Der Showroom, der sich ebenfalls über zwei Ebenen erstreckt, schafft atmosphärische Zonen und versucht, die Energie und die Qualitäten der ausgestellten Produkte zu vermitteln. Auf der unteren Ebene gibt es einen großen Besprechungstisch und einen Schulungsbereich, der peripher angeordnet ist, während die obere Etage eine Lounge mit leuchtenden Impressionen und einen Netzwerkbereich umfasst.





Hoy en día, los espacios de trabajo deben entenderse como áreas de vida, y su diseño debe ir en la misma dirección.

Nowadays, workspaces have to be understood as living areas, and their design must go in the same direction.

De nos jours, les espaces de travail doivent être compris comme des espaces de vie et leur conception doit aller dans le même sens.

Oggigiorno, le aree di lavoro devono essere intese come aree di vita e il loro design deve andare nella stessa direzione.

Heutzutage müssen Arbeitsräume als Wohnräume verstanden werden, und ihre Gestaltung muss in dieselbe Richtung gehen.



La luz fluye a través de las oficinas y áreas de trabajo, como podemos ver especialmente en el Departamento de Diseño.

The light is flowing through the offices and workspaces, as we can see especially in the Design Department.

La lumière traverse les bureaux et les espaces de travail, comme nous pouvons le constater en particulier dans le Département de Design.

La luce scorre attraverso gli uffici e gli spazi di lavoro, come possiamo vedere nel dipartimento di design.

Das Licht fließt durch die Büros und Arbeitsbereiche, wie wir in der Konstruktionsabteilung sehen können.



Arkoslight Headquarters, Valencia (Spain) | Design: Francesc Rifé Studio | Architect: Víctor García Martínez Arquitecto | Photography: David Zarzoso, Héctor Rubio

Las nuevas instalaciones cuentan con un 'lounge de sensaciones' donde se muestran en funcionamiento todos los productos de la firma. En este espacio, se pueden comprobar los efectos lumínicos de todas las luminarias que componen el catálogo de Arkoslight.

The new facilities feature a "sensation lounge" in which all of the Company's products are on display and in operation. In this space, we can experience the light effects produced by all the luminaires that make up the catalogue of Arkoslight.

Les nouvelles installations sont dotées d'un « lounge de sensations » dans lequel tous les produits de la Société sont exposés et en fonctionnement.

Dans cet espace, on peut expérimenter les effets lumineux produits par tous les luminaires qui composent le catalogue de Arkoslight.

Le nuove strutture contano con un "lounge di sensazioni". In questo spazio, si possono controllare gli effetti luminosi di tutti gli apparecchi che compongono il catalogo Arkoslight.

Die neuen Räumlichkeiten verfügen über eine „Lounge of Sensations“, in der alle Produkte des Unternehmens in Betrieb gezeigt werden. In diesem Bereich können Sie die Lichteffekte aller Leuchten überprüfen, aus denen der Arkoslight-Katalog besteht.



Arkoslight cuenta con su propio laboratorio para ensayos fotométricos. Este permite la total autonomía de Arkoslight en el estudio de las propiedades luminotécnicas de sus productos, gracias a la alta precisión de su gonioespectrómetro de última generación.

Arkoslight has its own laboratory to perform photometric tests. This allows a total autonomy to Arkoslight to study the luminotechnical properties of its products, thanks to the precision of its latest generation Gonio-spectrophotometer.

Arkoslight possède son propre laboratoire pour réaliser des essais photométriques. Celui-ci permet une

autonomie totale à Arkoslight pour l'étude des propriétés luminotechniques de ses produits, grâce à la haute précision de son Gonio-spectrophotomètre de toute dernière génération.

Arkoslight ha il suo proprio laboratorio per i test fotometrici. Ciò consente la totale autonomia di Arkoslight nello studio delle caratteristiche di illuminazione dei suoi prodotti, grazie all'alta precisione del suo gonio spettrofotometro di ultima generazione.

Dank der Präzision des Gonio-Spektralphotometers der neuesten Generation, kann Arkoslight völlig unabhängig die lichttechnischen Eigenschaften der Produkte messen.

DESIGN AWARDS

7 IF DESIGN AWARD



BLACK FOSTER
2019



SHOT LIGHT
2017



IO
2017



FLAP
2016



SALT
2015



SLIMGOT
2014



ZEN
2014

5 RED DOT DESIGN AWARD



ART
2019



DRUM
2016



SWAP
2015



LARK-111
2014



SLIMGOT
2014

2 GOOD DESIGN



SIX
2018



IO
2017

2 DESIGN PLUS



FLAP
2016



LEX ECO
2012

7 A'DESIGN AWARD



FLAP
2016



DRUM
2016



THOR
2015



SPIN
2015



DROP
2015



SKY
2015



ZEN
2014

7 DELTA AWARDS



POINTER
2018



SHOT LIGHT
2018 Selección



IO
2016



AURAE
2014 Selección



STRAM
2014 Selección



ZEN
2013 Selección



LEX ECO
2012 Selección

7 GERMAN DESIGN AWARD



SIX
2019



THOR
2016



SPIN
2016



SALT
2016



SWAP
2016



LARK-111
2016



SLIMGOT
2016

5 ICONIC AWARDS



SHOT LIGHT
2017



PUCK
2017



OLYMPIA
2017



THOR
2016



SPIN
2016

2 ARCHIPRODUCTS DESIGN AWARDS



TOP
2018



POINTER
2017

1 EUROPEAN PRODUCT DESIGN AWARD



POP UP
2017

2 PREMIOS ADCV



IO
2017



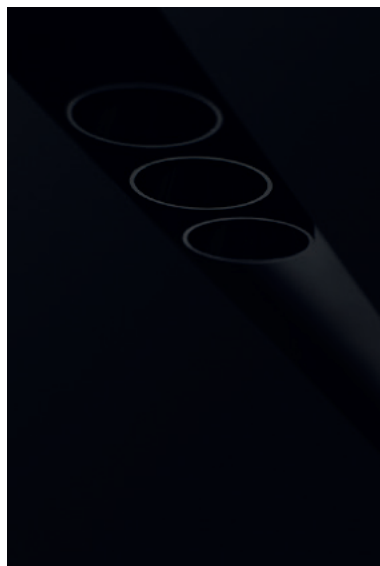
FLAP
2017

1 PREMIO BIENAL IBEROAMERICANA DE DISEÑO



ZEN
2014

HIGHLIGHTS



BLACK FOSTER

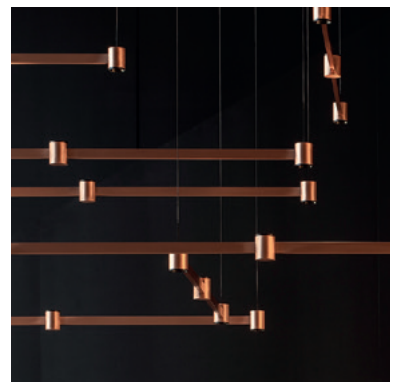
El efecto "The Invisible Black" aplicado en un sistema lineal. Perfecta integración en la arquitectura.

"The Invisible Black" effect applied in a linear system. A perfect integration into the architecture.

L'effet "The Invisible Black" appliqué dans un système linéaire. Une parfaite intégration dans l'architecture.

L'effetto "The Invisible Black" applicato in un sistema lineare. Perfetta integrazione in architettura.

Der "The Invisible Black" Effekt, der in einem linearen System angewendet wird. Perfekte Integration in die Architektur.



ART

La nueva luminaria de suspensión, racional y minimalista, con la que se pueden crear composiciones con un fuerte carácter artístico.

The new rational and minimalist suspended luminaire, that allows to create compositions with a strong artistic character.

Le nouveau luminaire de suspension rationnel et minimaliste, grâce auquel on peut créer des compositions à fort caractère artistique.

Il nuovo apparecchio a sospensione, razionale e minimalista, con cui è possibile creare composizioni dal forte carattere artistico.

Die neue Pendelleuchte, rational und minimalistisch, mit der Sie Kompositionen mit starkem künstlerischem Charakter erstellen können.



PLUS

El proyector que ofrece la capacidad de ampliar o concentrar la apertura del haz de luz con un suave movimiento manual.

—
The spotlight that allows to widen or reduce the light beam opening, only through a gentle manual movement.

—
Le projecteur qui offre la possibilité d'agrandir ou de réduire l'ouverture du faisceau de lumière, grâce à un simple mouvement manuel.

—
Il proiettore che offre la possibilità di espandere o concentrare l'apertura del fascio di luce con un delicato movimento manuale.

—
Der Strahler bietet die Möglichkeit, den Abstrahlwinkel mit einer leichten manuellen Bewegung zu erweitern oder zu konzentrieren.



FIT

El nuevo proyector de esencia minimalista y múltiples tallas, disponible para sistemas de bajo voltaje.

—
The new minimalist and multiple size spotlight, available for low voltage installations.

—
Le nouveau spot au caractère minimaliste et de multiples tailles, disponible pour des installations de basse tension

—
Il nuovo proiettore di essenze minimaliste e dimensioni multiple, disponibile per sistemi a bassa tensione

—
Der neue Strahler von minimalistischer Essenz in mehreren Grössen, erhältlich für Niederspannungssysteme.



SIX

Disponibile in tallas más pequeñas para adaptarse a todo tipo de espacios y nuevas versiones de bajo voltaje.

—
Available in smaller sizes in order to become adaptable to any kind of space. Also available in new low voltage versions.

—
Disponibile in tailles plus petites pour pouvoir s'adapter à tout type d'espace. De nouvelles versions aussi pour la basse tension.

—
Disponibile in dimensioni più piccole per adattarsi a tutti i tipi di spazi e nuove versioni di bassa tensione.

—
Erhältlich in diversen Grössen, um sich an aller Art von Räumen und neuen Versionen von Niederspannungssystemen anzupassen.



BRIGHT LINE

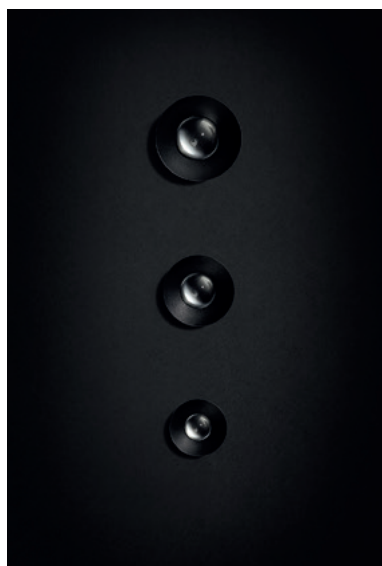
El perfil para acentuar la arquitectura. Personalizable, permite dibujar líneas rectas, giros en ángulo recto y cambios de plano a 90°.

The profile that enhances the architecture. It is customizable and enables to draw straight lines, right angle turns and plane changes to 90°.

Le profil qui met en valeur l'architecture. Personnalisable, il permet de tracer des lignes droites, des rotations en angles droits, et des changements de plans à 90°.

Il profilo per accentuare l'architettura. Personalizzabile, consente di disegnare linee rette, curve ad angolo retto e cambi piano di 90 gradi.

Das Profil zur Betonung der Architektur. Anpassbar, ermöglicht es Ihnen, gerade Linien, rechtwinklige Ecken und 90-Grad-Ebenenänderungen zu zeichnen.



PUCK

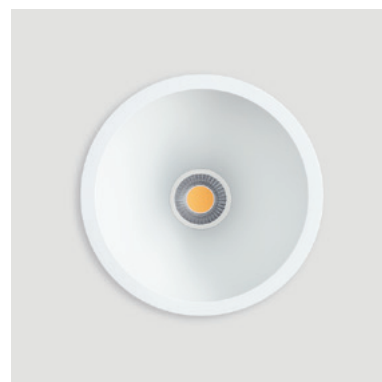
Nuevos tamaños y versión *recessed*.

New size and new recessed version.

De nouvelles tailles et une nouvelle version encastrable.

Nuove dimensioni e versione ad incasso.

Neue Größen und Einbauversionen.



Swap

NEW DIM TO WARM

Permite la modulación sincronizada de la intensidad lumínica y la temperatura de color.

Allows the synchronized light and colour temperature modulation.

Permet la modulation synchronisée de l'intensité lumineuse et de la température de couleur.

Consente la modulazione sincronizzata dell'intensità luminosa e della temperatura del colore.

Ermöglicht die synchronisierte Modulation von Lichtintensität und Farbtemperatur.



REC

La familia Rec se amplía con una nueva talla y versiones de emisión de luz doble (superior e inferior).

The Rec range is growing and now includes a new size and new double light beam versions (upper and lower).

La gamme Rec grandit, maintenant dotée d'une nouvelle taille et de versions de double émission de lumière (supérieure et inférieure).

La famiglia Rec viene ampliata con una nuova dimensione e versioni a doppia emissione luminosa (superiore e inferiore).

Die Rec-Familie wird um eine neue Größe und doppelte Lichtemissionsvarianten (obere und untere) erweitert.



5 YEARS GUARANTEE

Todos los productos de Arkoslight tienen una garantía de 5 años.

All Arkoslight products have a 5 year warranty.

Tous les produits de Arkoslight bénéficient d'une garantie de 5 ans.

Tutti i prodotti Arkoslight hanno una garanzia di 5 anni.

Alle Arkoslight-Produkte haben 5 Jahre Garantie.

HIGHLIGHTS

LINE 48V

TOP

IO

FIT

PLUS

48Vdc

THE GREAT HIGHLIGHT

UNA AMPLIA GAMA PARA BAJO VOLTAJE

Arkoslight ofrece en este catálogo una nueva y completa gama de nueve familias de producto disponibles para carril de bajo voltaje (48Vdc). En iluminación, esta tensión de alimentación supone un nuevo estándar que permite la miniaturización del carril y sus luminarias. Las soluciones 48Vdc ofrecen una integración más elegante y minimalista de la luz en la arquitectura.

A WIDE RANGE FOR LOW VOLTAGE

Arkoslight offers in this catalogue a new and complete range of nine product ranges available for low voltage tracks (48Vdc). In terms of lighting, this supply voltage means a new standard that allows the miniaturization of the tracks and its luminaires. The 48Vdc solutions offer a more elegant and minimalist integration of the light into the architecture.

UNE VASTE GAMME POUR LA BASSE TENSION

Arkoslight propose dans ce catalogue une nouvelle gamme complète de neuf familles de produits disponibles pour rails de basse tension (48 Vcc). En termes d'éclairage, cette tension d'alimentation suppose un nouveau standard, qui permet

la miniaturisation du rail et de ses luminaires. Les solutions 48Vdc offrent une intégration plus élégante et minimaliste de la lumière dans l'architecture.

UNA AMPIA GAMMA PER LA BASSA TENSIONE

Arkoslight offre in questo catalogo una gamma nuova e completa di nove famiglie di prodotti disponibili per binari a bassa tensione (48Vdc). Nell'illuminazione, questa tensione di alimentazione è un nuovo standard che consente la miniaturizzazione della guida e dei suoi apparecchi di illuminazione. Le soluzioni 48Vdc offrono un'integrazione più elegante e minimalista della luce nell'architettura.

EIN BREITE AUSWAHL FÜR NIEDERSPANNUNG

Arkoslight bietet in diesem Katalog ein neues und komplettes Sortiment von neuen Produktfamilien für die Niederspannungsschiene (48 V DC) an. Bei der Beleuchtung ist diese Versorgungsspannung ein neuer Standard, der die Miniaturisierung der Schiene und ihrer Leuchten ermöglicht. 48VDC-Lösungen bieten eine elegantere und minimalistischere Integration von Licht in die Architektur.



CEILING RECESSED



BLACK FOSTER
024



SHOT LIGHT
034



SWAP
044



POINTER
066



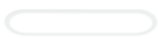
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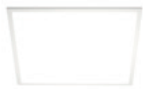
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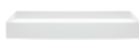


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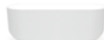


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Photography: BIS Images



EXTENDED FAMILY

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BLACK FOSTER



			P	CCT	I	Flux	LOR	
BLACK FOSTER Recessed 1	 NO DIM	A319-10-10-	N	2,1W	2700K	700mA	190Lm	90%
		A319-10-11-	N	2,1W	3000K	700mA	210Lm	90%
		A319-10-12-	N	2,1W	4000K	700mA	250Lm	90%
	 DALI	A319-10-40-	N	2,1W	2700K	700mA	190Lm	90%
		A319-10-41-	N	2,1W	3000K	700mA	210Lm	90%
		A319-10-42-	N	2,1W	4000K	700mA	250Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Recessed 2	A319-20- 0- -0-	N	4,2W	2700K	700mA	380Lm	90%
	A319-20- 0- -1-	N	4,2W	3000K	700mA	420Lm	90%
	A319-20- 0- -2-	N	4,2W	4000K	700mA	500Lm	90%



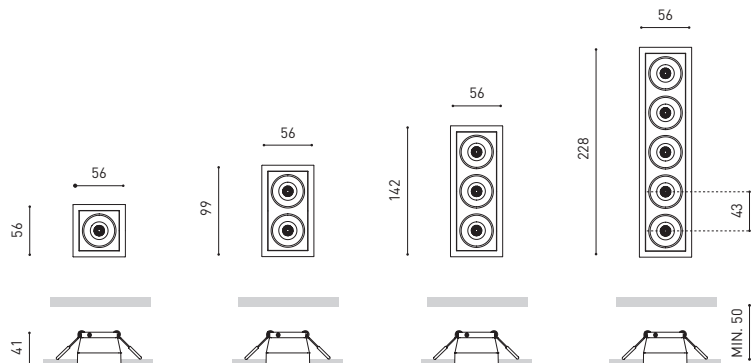
			P	CCT	I	Flux	LOR
BLACK FOSTER Recessed 3	A319-30- 0- -0-	N	6,3W	2700K	700mA	570Lm	90%
	A319-30- 0- -1-	N	6,3W	3000K	700mA	630Lm	90%
	A319-30- 0- -2-	N	6,3W	4000K	700mA	750Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Recessed 5	A319-40- 0- -0-	N	10,5W	2700K	700mA	950Lm	90%
	A319-40- 0- -1-	N	10,5W	3000K	700mA	1050Lm	90%
	A319-40- 0- -2-	N	10,5W	4000K	700mA	1250Lm	90%



0	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | N ■ RAL 9005 | MATERIAL | PC | AL | ABS+PC | » 368

» PLEASE CONSULT

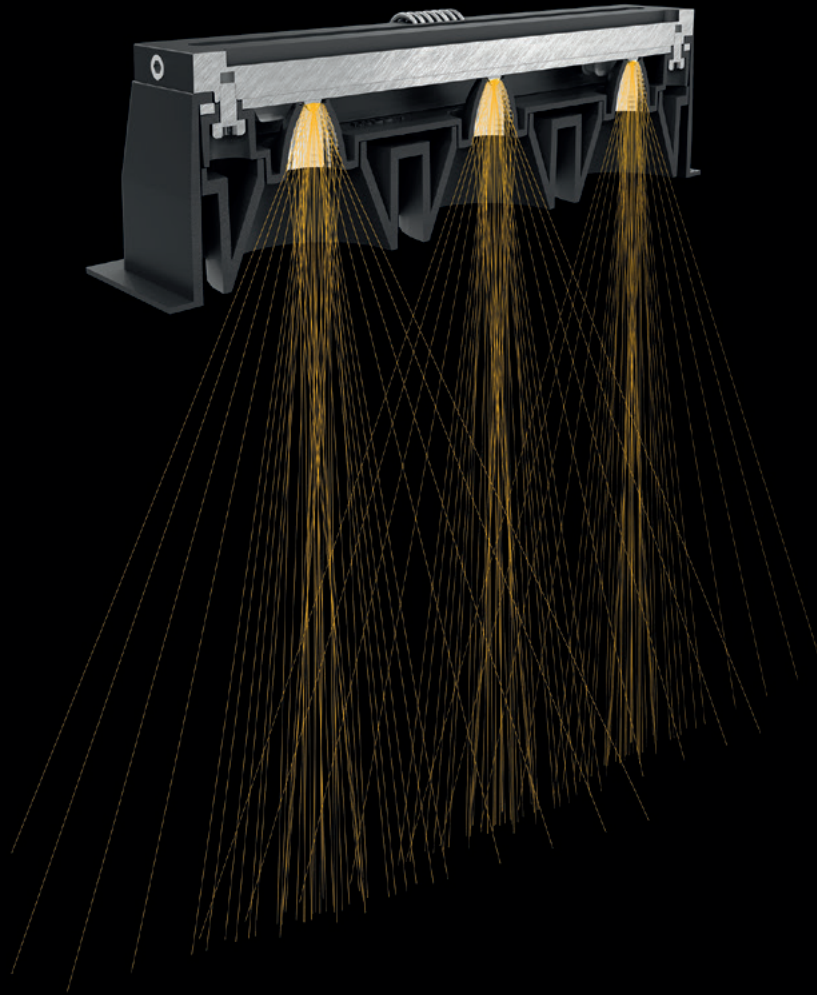


Photography: Héctor Rubio - Images Positive



THE INVISIBLE BLACK

RAYTRACE



Gracias a su reflector específicamente diseñado y a su acabado 'negro técnico' (N & WN), los rayos de luz de Black Foster & Shot Light no bañan la luminaria y salen directamente al exterior sin tocar la pantalla. Por ello, encendida o apagada, conserva siempre la misma apariencia.

Thanks to its specifically designed reflector and its finish "technical black" (N & WN), the light beam of Black Foster & Shot Light does not bathe the luminaire but comes out directly without touching the fittings shade. Thus, independent from being turned on or being turned off, always maintains the same appearance.

Grâce à son réflecteur spécifiquement conçu et sa finition en "noir technique" (N & WN), les rayons de lumière de Black Foster & Shot Light ne couvrent pas le luminaire et sortent directement vers

l'extérieur sans toucher la coupole. Eteint ou allumé, elle conserve toujours la même apparence.

Grazie al suo riflettore appositamente disegnato ed alla sua finitura "nero tec" (N & WN), i fasci di luce dello Black Foster & Shot Light non riflettono sul cono dell'apparecchio. Per questo motivo, sia acceso che spento, preserva sempre la sua apparenza.

Dank seines speziell designten Reflektors und seiner speziellen Farbausführung "schwarz, technisch" (N & WN), trifft der Lichtstrahl von Black Foster & Shot Light die Leuchte selbst nicht, sondern strahlt direkt aus der Leuchte heraus, ohne den Leuchterschirm zu tangieren. Ob ein- oder ausgeschaltet, hat Shot Light Black & Black Foster daher immer das gleiche Erscheinungsbild.





			P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 1		A318-10-10- N	2,1W	2700K	700mA	190Lm	90%
		A318-10-11- N	2,1W	3000K	700mA	210Lm	90%
		A318-10-12- N	2,1W	4000K	700mA	250Lm	90%
		A318-10-40- N	2,1W	2700K	700mA	190Lm	90%
		A318-10-41- N	2,1W	3000K	700mA	210Lm	90%
		A318-10-42- N	2,1W	4000K	700mA	250Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 2	A318-20-  -0- N		4,2W	2700K	700mA	380Lm	90%
	A318-20-  -1- N		4,2W	3000K	700mA	420Lm	90%
	A318-20-  -2- N		4,2W	4000K	700mA	500Lm	90%



		P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 3	A318-30-  -0- N	6,3W	2700K	700mA	570Lm	90%
	A318-30-  -1- N	6,3W	3000K	700mA	630Lm	90%
	A318-30-  -2- N	6,3W	4000K	700mA	750Lm	90%



		P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 5	A318-40-  -0- N	10,5W	2700K	700mA	950Lm	90%
	A318-40-  -1- N	10,5W	3000K	700mA	1050Lm	90%
	A318-40-  -2- N	10,5W	4000K	700mA	1250Lm	90%



①	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI

COLOUR | N ■ RAL 9005 | MATERIAL | AL | ABS+PC |

i » 368

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

» PLEASE CONSULT



		P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 10	A318-50- -0- N	21W	2700K	700mA	1900Lm	90%
	A318-50- -1- N	21W	3000K	700mA	2100Lm	90%
	A318-50- -2- N	21W	4000K	700mA	2500Lm	90%

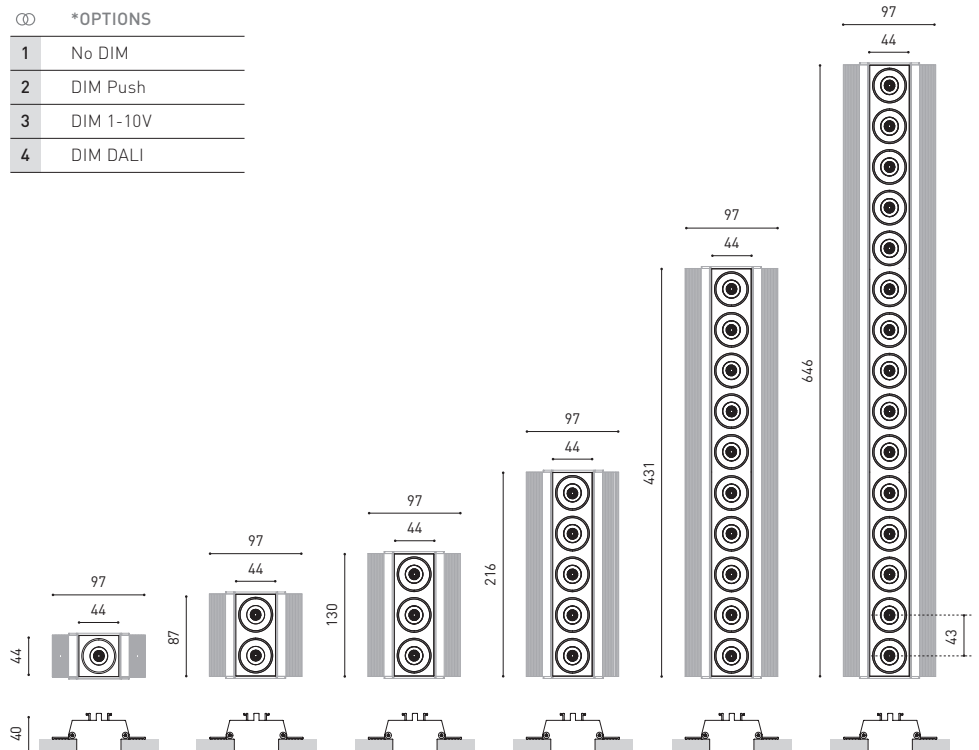


		P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 15	A318-60- -0- N	31,5W	2700K	700mA	2850Lm	90%
	A318-60- -1- N	31,5W	3000K	700mA	3150Lm	90%
	A318-60- -2- N	31,5W	4000K	700mA	3750Lm	90%



*OPTIONS

1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | **N** ■ RAL 9005 |

MATERIAL | AL | ABS+PC |

» 368

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED
BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

& » PLEASE CONSULT



Private residence, Casa en Ses Torres | Design: Gallardo-Llopis Arquitectos | Photography: Germán Cabo · Fotografía de arquitectura





Arkoslight Headquarters, Valencia (Spain) | Design: Francesc Rifé Studio | Architect: Víctor García Martínez Arquitecto | Photography: David Zarzoso · Fotografía de arquitectura



SHOT LIGHT

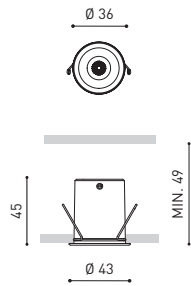


		P	CCT	Beam	I	Flux	LOR
SHOT LIGHT	A268-01-10-	N R G Z WN W	2,1W	2700K	17°	700mA	190Lm 92%
	A268-01-11-	N R G Z WN W	2,1W	3000K	17°	700mA	210Lm 92%
	A268-01-12-	N R G Z WN W	2,1W	4000K	17°	700mA	250Lm 92%
	A268-01-20-	N R G Z WN W	2,1W	2700K	35°	700mA	190Lm 93%
	A268-01-21-	N R G Z WN W	2,1W	3000K	35°	700mA	210Lm 93%
	A268-01-22-	N R G Z WN W	2,1W	4000K	35°	700mA	250Lm 93%

LED | 220 V~ | 240 | 01 | CE | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 3 | OPTIONS* | CONNEC | INCL | Ø38 | UGR <19 | 17° / 35°

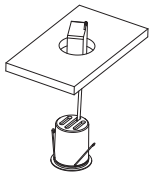


THE INVISIBLE BLACK N ■ | WN ■ » 444



EASY INSTALLATION

DRIVER FITS INTO CUT-OUT DIAMETER



COLOUR | N ■ | R ■ | G ■ | Z ■ | WN ■ | W ■ | MATERIAL | AL | ABS | RAL » 365

* DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

& » PLEASE CONSULT



		P	CCT	Beam	I	Flux	LOR
SHOT LIGHT Trimless	A269-01-10- N R G Z W	2,1W	2700K	17°	700mA	190Lm	92%
	A269-01-11- N R G Z W	2,1W	3000K	17°	700mA	210Lm	92%
	A269-01-12- N R G Z W	2,1W	4000K	17°	700mA	250Lm	92%
	A269-01-20- N R G Z W	2,1W	2700K	35°	700mA	190Lm	93%
	A269-01-21- N R G Z W	2,1W	3000K	35°	700mA	210Lm	93%
	A269-01-22- N R G Z W	2,1W	4000K	35°	700mA	250Lm	93%

LED | 220V~ | 240

IP20 | CRI>90 | L80B10 > 60.000 h

MacAdam Step 3

OPTIONS*

CONNEC

EXCL**

INCL

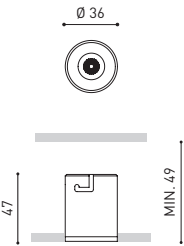
Ø43

UGR < 19

17° / 35°

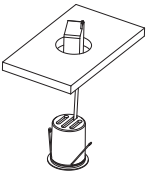


THE INVISIBLE BLACK N ■ ⓘ » 028



EASY INSTALLATION

DRIVER FITS INTO
CUT-OUT DIAMETER



COLOUR | N ■ | R ■ | G ■ | Z ■ | W □ | MATERIAL | AL | ABS | RAL ⓘ » 365

* DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

& » PLEASE CONSULT

ACCESSORIES**

MANDATORY FOR TRIMLESS INSTALLATION

SHOT LIGHT Trimless Accessory

A269-00-00



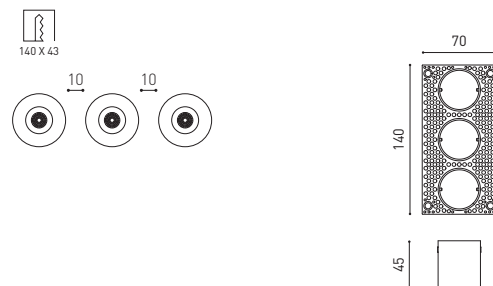
SHOT LIGHT Trimless Accessory 2

A269-00-01



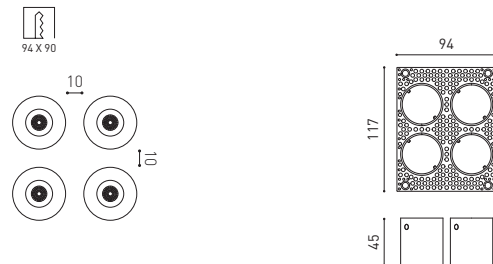
SHOT LIGHT Trimless Accessory 3

A269-00-02



SHOT LIGHT Trimless Accessory 2x2

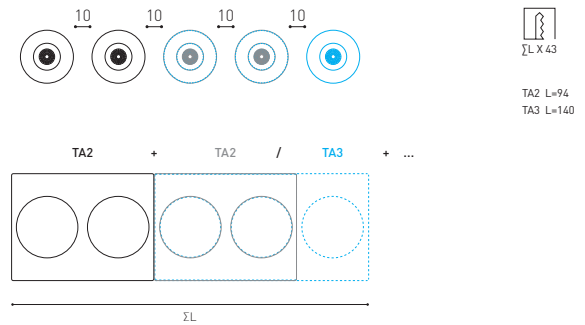
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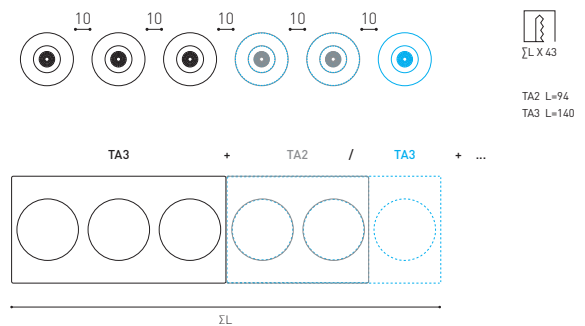
CUSTOM LAYOUT EXAMPLES

FOR EQUIDISTANT COMPOSITIONS

Trimless Accessory 2 + Trimless Accessory 2 / Trimless Accessory 3

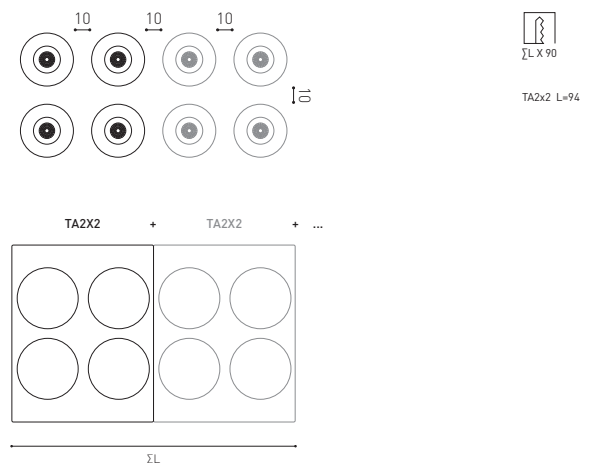


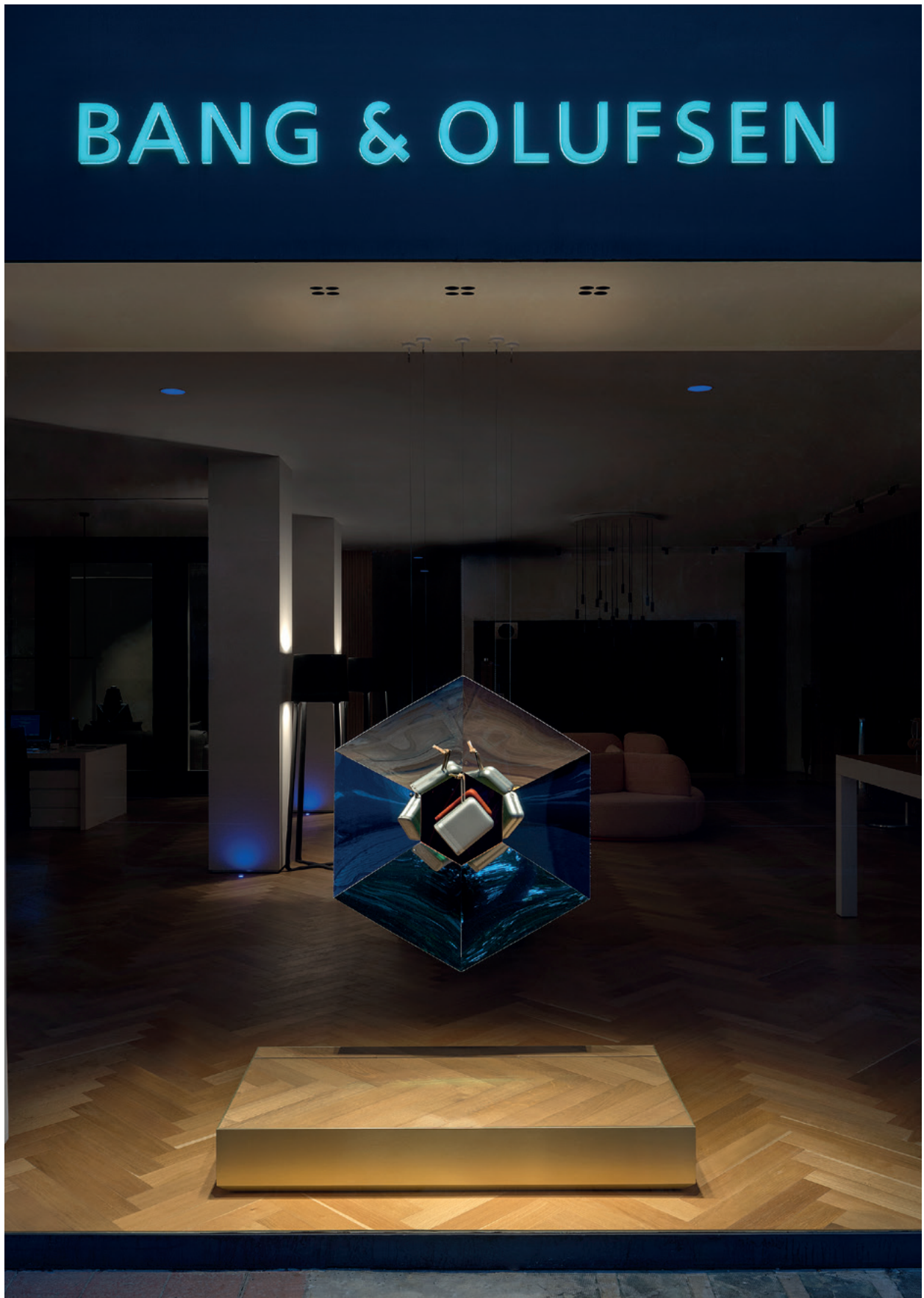
Trimless Accessory 3 + Trimless Accessory 2 / Trimless Accessory 3



Trimless Accessory 2x2 + Trimless Accessory 2x2

THE "TA2X2" FRAME IS ONLY COMPATIBLE WITH FURTHER "TA2X2" FRAMES





Bang & Olufsen Shop, Valencia (Spain) | Design: Alfredo Monzó | Photography: Héctor Rubio - Images Positive

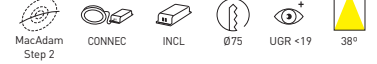




		P	CCT	I	Flux	LOR
SHOT LIGHT M 1	A297-01-10- N W	5W	2700K	150mA	675Lm	86%
	A297-01-11- N W	5W	3000K	150mA	700Lm	86%
	A297-01-12- N W	5W	4000K	150mA	710Lm	86%
SHOT LIGHT M 2	A297-02-10- N W	6,5W	2700K	200mA	910Lm	86%
	A297-02-11- N W	6,5W	3000K	200mA	940Lm	86%
	A297-02-12- N W	6,5W	4000K	200mA	960Lm	86%
	A297-02-30- N W	6,5W	2700K	200mA	910Lm	86%
	A297-02-31- N W	6,5W	3000K	200mA	940Lm	86%
	A297-02-32- N W	6,5W	4000K	200mA	960Lm	86%



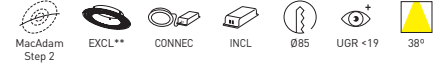
LED | 220-240 V~ | 01 CE | IP20 | CRI>90 | L80B10 >60.000h



		P	CCT	I	Flux	LOR
SHOT LIGHT M 1 Trimless	A298-01-10- N W	5W	2700K	150mA	675Lm	86%
	A298-01-11- N W	5W	3000K	150mA	700Lm	86%
	A298-01-12- N W	5W	4000K	150mA	710Lm	86%
SHOT LIGHT M 2 Trimless	A298-02-10- N W	6,5W	2700K	200mA	910Lm	86%
	A298-02-11- N W	6,5W	3000K	200mA	940Lm	86%
	A298-02-12- N W	6,5W	4000K	200mA	960Lm	86%
	A298-02-30- N W	6,5W	2700K	200mA	910Lm	86%
	A298-02-31- N W	6,5W	3000K	200mA	940Lm	86%
	A298-02-32- N W	6,5W	4000K	200mA	960Lm	86%



LED | 220-240 V~ | 01 CE | IP20 | CRI>90 | L80B10 >60.000h



ACCESSORIES

SHOT LIGHT M High Chromatic LED

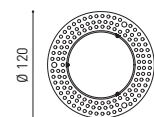
NOT SOLD SEPARATELY | AFFECTS THE LIGHTING PARAMETERS



» 366

SHOT LIGHT M Trimless Accessory** A298-00-00

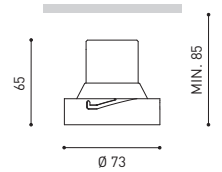
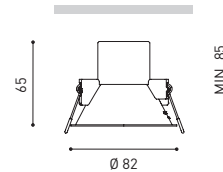
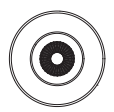
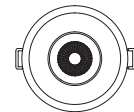
** MANDATORY FOR INSTALLATION



THE INVISIBLE BLACK
N ■ » 028

SHOT LIGHT M

SHOT LIGHT M TRIMLESS



COLOUR | N ■ | W □ |

MATERIAL | AL | ABS+PC |

RAL » 365

* OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

& » PLEASE CONSULT





Francesc Rifé Studio, Barcelona (Spain) | Design: Francesc Rifé Studio | Photography: David Zarzoso - Fotografía de arquitectura





Hayon Café, Viccarbe stand, Salone del Mobile Milano 2018, Milano (Italy) | Aletta chair by Jaime Hayon



reddot design award
winner 2015



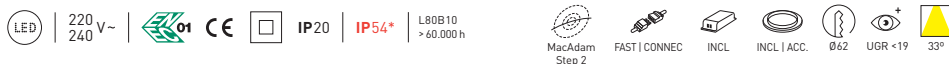
GERMAN
DESIGN
AWARD
NOMINEE
2016

SWAP

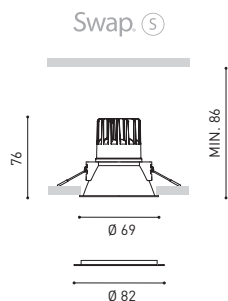
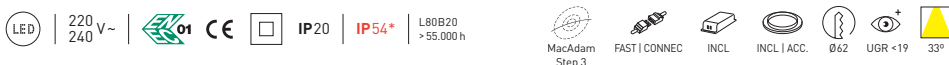


		P	CCT	I	Flux	LOR
SWAP S CRI>90	A212-11-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	86%
	A212-11-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	86%
	A212-11-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	86%
	A212-12-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-12-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A212-12-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-12-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-12-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	PHASE CUT** A212-12-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-12-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-12-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	DALI I PUSH** A212-12-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%

SWAP S Super CRI CRI>97	A312-12-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-12-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A312-12-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-12-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-12-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	PHASE CUT** A312-12-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-12-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-12-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	DALI I PUSH** A312-12-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%



		P	CCT	I	Flux	LOR
SWAP S DIM to warm CRI>90	A212-13-39- W R G Z WN N W54	6W	3000-1800K	350mA	640Lm	80%



*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

WHITE · DIRECT REFERENCE	LOR
W54 ☐	81%
W54 ☐ DIM TO WARM	76%

OTHER COLOURS

REFERENCE + A212-10-54	IP54 ACCESSORY S
PRE-ASSEMBLED. NOT SOLD SEPARATELY	



COLOUR | W ☐ R ☐ G ☐ Z ☐ WN ☐ N ☐ MATERIAL | AL ☐ PC ☐ PC ☐ RAL ☐ » 365

** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

» PLEASE CONSULT



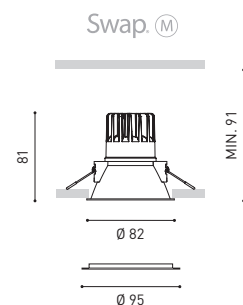
		P	CCT	I	Flux	LOR
SWAP M CRI>90	A212-21-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	86%
	A212-21-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	86%
	A212-21-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	86%
	A212-22-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-22-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A212-22-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-22-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-22-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A212-22-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-22-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-22-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A212-22-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%

SWAP M Super CRI CRI>97	A312-22-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-22-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A312-22-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-22-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-22-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A312-22-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-22-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-22-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A312-22-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%

LED	220 V~	01	CE	IP20	IP54*	L80B10 > 60.000 h	MacAdam Step 2	FAST CONNEC	INCL	INCL ACC.	Ø75	UGR <19	42°
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		P	CCT	I	Flux	LOR
SWAP M DIM to warm CRI>90	A212-23-39- W R G Z WN N W54	6W	3000-1800K	350mA	640Lm	80%

LED	220 V~	01	CE	IP20	IP54*	L80B20 > 55.000 h	MacAdam Step 3	FAST CONNEC	INCL	INCL ACC.	Ø75	UGR <19	42°
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*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

DIRECT REFERENCE	LOR
W54 ☐	81%
W54 ☐ DIM TO WARM	76%

OTHER COLOURS

REFERENCE + A212-20-54	IP54 ACCESSORY M
PRE-ASSEMBLED. NOT SOLD SEPARATELY	



COLOUR	W ☐ R ☐ G ☐ Z ☐ WN ☐ N ☐	MATERIAL	AL ☐ PC ☐ PC ☐	RAL ☐ » 365
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** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

» PLEASE CONSULT





Peydro Herrero - Odontología Avanzada, Valencia (Spain) | Design: Francesc Rifé Studio | Photography: David Zarzoso - Fotografía de arquitectura



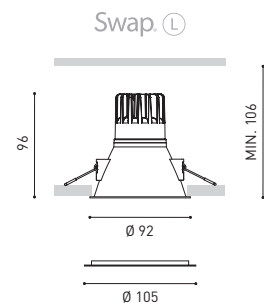
		P	CCT	I	Flux	LOR
SWAP L CRI>90	A212-31-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	86%
	A212-31-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	86%
	A212-31-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	86%
	A212-32-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-32-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A212-32-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-32-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-32-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	PHASE CUT** A212-32-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-32-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-32-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	DALI I PUSH** A212-32-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%

SWAP L Super CRI CRI>97	A312-32-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-32-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A312-32-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-32-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-32-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	PHASE CUT** A312-32-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-32-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-32-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	DALI I PUSH** A312-32-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%

LED	220 240 V~	01	CE	IP20	IP54*	L80B10 > 60.000 h	MacAdam Step 2	FAST I CONNEC	INCL	INCL I ACC.	Ø85	UGR <19	40°
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		P	CCT	I	Flux	LOR
SWAP L DIM to warm CRI>90	A212-33-39- W R G Z WN N W54	6W	3000-1800K	350mA	640Lm	80%

LED	220 240 V~	01	CE	IP20	IP54*	L80B20 > 55.000 h	MacAdam Step 3	FAST I CONNEC	INCL	INCL I ACC.	Ø85	UGR <19	40°
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*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

DIRECT REFERENCE	LOR
W54 ☐	81%
W54 ☐ DIM TO WARM	76%

OTHER COLOURS

REFERENCE + A212-30-54	IP54 ACCESSORY L
PRE-ASSEMBLED. NOT SOLD SEPARATELY	



COLOUR	W ☐ R ☐ G ☐ Z ☐ WN ☐ N ☐	MATERIAL	AL ☐ PC ☐ PC ☐	RAL	365
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** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

Bluetooth & USB-C » PLEASE CONSULT



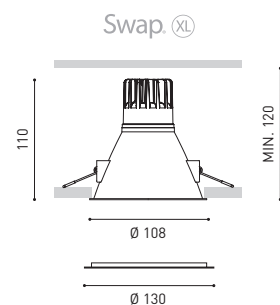
		P	CCT	I	Flux	LOR
SWAP XL CRI>90	A212-41-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	86%
	A212-41-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	86%
	A212-41-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	86%
	A212-42-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-42-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A212-42-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-42-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A212-42-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	PHASE CUT** A212-42-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A212-42-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
DALI I PUSH**	A212-42-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A212-42-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%

SWAP XL Super CRI CRI>97	A312-42-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-42-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A312-42-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-42-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-42-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	PHASE CUT** A312-42-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A312-42-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A312-42-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A312-42-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	DALI I PUSH**					

LED	220 240 V~	01	CE	IP20	IP54*	L80B10 > 60.000 h	MacAdam Step 2	FAST CONNEC	INCL	INCL ACC.	Ø101	UGR <19	43°
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		P	CCT	I	Flux	LOR
SWAP XL DIM to warm CRI>90	A212-43-39- W R G Z WN N W54	6W	3000-1800K	350mA	640Lm	80%
	DALI I PUSH**					

LED	220 240 V~	01	CE	IP20	IP54*	L80B20 > 55.000 h	MacAdam Step 3	FAST CONNEC	INCL	INCL ACC.	Ø101	UGR <19	43°
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*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

DIRECT REFERENCE	LOR
W54 ☐	81%
W54 ☐ DIM TO WARM	76%

OTHER COLOURS

REFERENCE + A212-40-54	IP54 ACCESSORY XL
PRE-ASSEMBLED. NOT SOLD SEPARATELY	



COLOUR	W ☐ R ☐ G ☐ Z ☐ WN ☐ N ☐	MATERIAL	AL ☐ PC ☐ PC ☐	RAL ☐	» 365
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** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

» PLEASE CONSULT





Magama Showroom, Valencia (Spain) | Photography: Héctor Rubio · Images Positive



		P	CCT	I	Flux	LOR
SWAP M Asymmetric CRI>90	A216-21-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	86%
	A216-21-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	86%
	A216-21-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	86%
	A216-22-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A216-22-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A216-22-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A216-22-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A216-22-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	PHASE CUT** A216-22-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A216-22-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A216-22-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	DALI I PUSH** A216-22-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%

SWAP M Asymmetric Super CRI CRI>97	A316-22-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A316-22-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A316-22-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A316-22-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A316-22-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	PHASE CUT** A316-22-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A316-22-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A316-22-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	DALI I PUSH** A316-22-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%

LED | 220 V~ | 240 | IP20 | IP54* | L80B10 > 60.000 h

MacAdam Step 2

FAST I CONNEC

INCL

INCL I ACC.

Ø75

45°

		P	CCT	I	Flux	LOR
SWAP M						
Asymmetric						
DIM to warm						
CRI>90						
A216-23-39- W R G Z WN N W54		6W	3000-1800K	350mA	640Lm	80%

LED | 220 V~ | 240 | IP20 | IP54* | L80B20 > 55.000 h

MacAdam Step 3

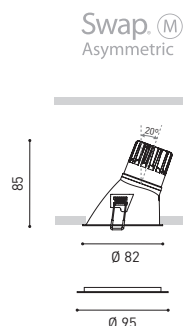
FAST I CONNEC

INCL

INCL I ACC.

Ø75

45°



*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

DIRECT REFERENCE	LOR
W54 ☐	81%
W54 ☐ DIM TO WARM	76%

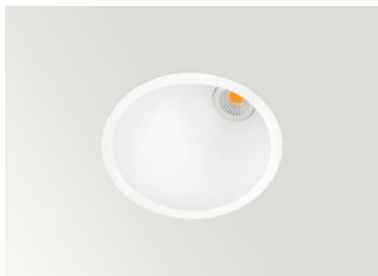
OTHER COLOURS

REFERENCE + A212-20-54	IP54 ACCESSORY M
PRE-ASSEMBLED. NOT SOLD SEPARATELY	



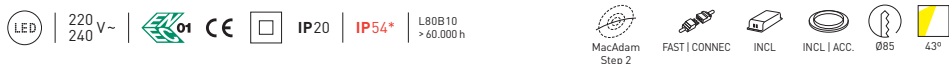
COLOUR | W ☐ | R ☐ | G ☐ | Z ☐ | WN ☐ | N ☐ | MATERIAL | AL | PC | PC | RAL » 365

** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS & » PLEASE CONSULT

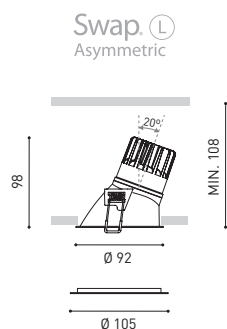
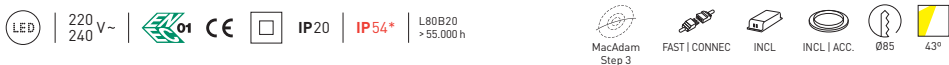


		P	CCT	I	Flux	LOR
SWAP L Asymmetric CRI>90	A216-31-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	86%
	A216-31-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	86%
	A216-31-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	86%
	A216-32-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A216-32-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A216-32-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A216-32-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A216-32-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	PHASE CUT** A216-32-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A216-32-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A216-32-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	DALI I PUSH** A216-32-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%

SWAP L Asymmetric Super CRI CRI>97	A316-32-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A316-32-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A316-32-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A316-32-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A316-32-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	PHASE CUT** A316-32-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A316-32-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A316-32-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	DALI I PUSH** A316-32-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%



		P	CCT	I	Flux	LOR
SWAP L Asymmetric DIM to warm DALI I PUSH**	A216-33-39- W R G Z WN N W54	6W	3000-1800K	350mA	640Lm	80%



*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

DIRECT REFERENCE	LOR
W54 ☐	81%
W54 ☐ DIM TO WARM	76%

OTHER COLOURS

REFERENCE + A212-30-54	IP54 ACCESSORY L
PRE-ASSEMBLED. NOT SOLD SEPARATELY	



COLOUR | W ☐ R ☐ G ☐ Z ☐ WN ☐ N ☐ MATERIAL | AL | PC | PC | RAL ☐ » 365

** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

» PLEASE CONSULT





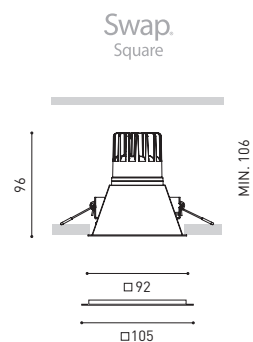
		P	CCT	I	Flux	LOR
SWAP Square CRI>90	A254-31-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	90%
	A254-31-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	90%
	A254-31-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	90%
	A254-32-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	90%
	A254-32-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	90%
	A254-32-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	90%
	A254-32-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	90%
	A254-32-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	90%
	PHASE CUT** A254-32-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	90%
	A254-32-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	90%
	A254-32-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	90%
	DALI I PUSH** A254-32-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	90%

SWAP Square Super CRI CRI>97	A354-32-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	90%
	A354-32-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	90%
	A354-32-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	90%
	A354-32-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	90%
	A354-32-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	90%
	PHASE CUT** A354-32-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	90%
	A354-32-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	90%
	A354-32-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	90%
	DALI I PUSH** A354-32-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	90%

220 V~ | IP20 | IP54* | L80B10 > 60.000 h | MacAdam Step 2 | FAST | CONNEC | INCL | INCL | ACC. | 85 X 85 | UGR < 19 | 44°

		P	CCT	I	Flux	LOR
SWAP Square DIM to warm CRI>90	DALI I PUSH** A254-33-39- W R G Z WN N W54	6W	3000-1800K	350mA	640Lm	80%

220 V~ | IP20 | IP54* | L80B20 > 55.000 h | MacAdam Step 3 | FAST | CONNEC | INCL | INCL | ACC. | 85 X 85 | UGR < 19 | 44°



*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

DIRECT REFERENCE	LOR
W54 ☐	85%
W54 ☐ DIM TO WARM	76%

OTHER COLOURS

REFERENCE + A254-30-54 **IP54 ACCESSORY Square**
PRE-ASSEMBLED. NOT SOLD SEPARATELY



COLOUR | W ☐ | R ☐ | G ☐ | Z ☐ | WN ☐ | N ☐ | MATERIAL | AL | PC | PC | RAL » 365

** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

& » PLEASE CONSULT



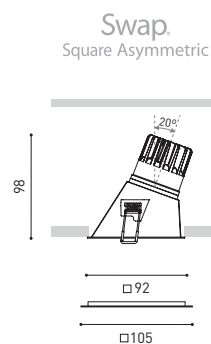
		P	CCT	I	Flux	LOR
SWAP Square Asymmetric CRI>90	A255-31-10- W R G Z WN N W54	5W	2700K	150mA	675Lm	86%
	A255-31-11- W R G Z WN N W54	5W	3000K	150mA	700Lm	86%
	A255-31-12- W R G Z WN N W54	5W	4000K	150mA	710Lm	86%
	A255-32-10- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A255-32-11- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	A255-32-12- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A255-32-20- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A255-32-21- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	PHASE CUT** A255-32-22- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%
	A255-32-30- W R G Z WN N W54	7W	2700K	200mA	910Lm	86%
	A255-32-31- W R G Z WN N W54	7W	3000K	200mA	940Lm	86%
	DALI I PUSH** A255-32-32- W R G Z WN N W54	7W	4000K	200mA	960Lm	86%

SWAP Square Asymmetric Super CRI CRI>97	A355-32-10- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A355-32-11- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	A355-32-12- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A355-32-20- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A355-32-21- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	PHASE CUT** A355-32-22- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%
	A355-32-30- W R G Z WN N W54	7W	2700K	200mA	770Lm	86%
	A355-32-31- W R G Z WN N W54	7W	3000K	200mA	800Lm	86%
	DALI I PUSH** A355-32-32- W R G Z WN N W54	7W	4000K	200mA	820Lm	86%

LED | 220-240 V~ | 01 CE | IP20 | IP54* | L80B10 > 60.000 h | MacAdam Step 2 | FAST I CONNEC | INCL | INCL I ACC. | 85 X 85 | 52°

		P	CCT	I	Flux	LOR
SWAP Square						
Asymmetric						
DIM to warm	DALI PUSH**	A255-33-39- W R G Z WN N W54	6W	3000-1800K	350mA	640Lm 80%
CRI>90						

LED | 220-240 V~ | 01 CE | IP20 | IP54* | L80B20 > 55.000 h | MacAdam Step 3 | FAST I CONNEC | INCL | INCL I ACC. | 85 X 85 | 52°



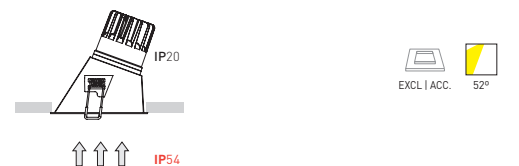
*Swap IP54

NOT COMPATIBLE WITH EXTRA BEZEL | AFFECTS THE LIGHTING PARAMETERS

DIRECT REFERENCE	LOR
W54 ☐	81%
W54 ☐ DIM TO WARM	76%

OTHER COLOURS

REFERENCE + A254-30-54 IP54 ACCESSORY Square
PRE-ASSEMBLED. NOT SOLD SEPARATELY



COLOUR | W ☐ | R ☐ | G ☐ | Z ☐ | WN ☐ | N ☐ | MATERIAL | AL | PC | PC | RAL » 365

** OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS & » PLEASE CONSULT

Swap.
Square

Swap.
Square Asymmetric

Swap. ^(XL)

Swap. ^(L)
Asymmetric

Swap. ^(L)

Swap. ^(M)
Asymmetric

Swap. ^(M)

Swap. ^(S)



EXTRA BEZEL

BISEL EXTRA

Extra Bezel
Collette Extra
Cornice Extra
Zusatz-Zierring



Complemento siempre incluido pero de uso opcional. Extiende el bisel de la pieza para cubrir empotramientos mayores, conservando el minimalismo de Swap y su perfecta integración en el techo. Fácil instalación. Ideal para reformas en las que remplazar puntos de luz, con agujeros preexistentes, sin obras en el techo ni volver a pintar. Swap es la mejor opción de actualización al LED, frente a las lámparas de sustitución 'retrofit'.

Accessory always included but for optional use. It extends the piece's bezel to cover larger recesses, keeping Swap's minimalism and its perfect integration into the ceiling. Easy to fit. Ideal for reforms to replace the light spot, with the already existing holes, without altering the ceiling or repainting. Swap is the best option for updating to LED technology by means of a real light fixture with incorporated LED, in contrast to just a retrofit lamp that only implies a less efficient update of the light source.

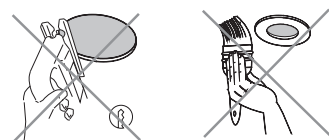
Complément toujours inclus mais à utiliser en option. Élargissement de la collette de la pièce pour couvrir des encastréments supérieurs tout en préservant le minimalisme de Swap et son intégration parfaite au plafond. Facile à installer. Idéal pour les réaménagements comprenant des points lumineux à remplacer avec des trous préexistants, sans travaux au plafond et sans besoin de repeindre. Swap est la meilleure option d'actualisation au LED, quand le LED et l'appareil d'éclairage sont intégrés, face aux lampes de substitution «retrofit».

Complemento sempre incluso, ma di uso facoltativo. Estende la cornice del pezzo per coprire incassi maggiori, conservando il minimalismo di Swap e la sua perfetta integrazione con il soffitto. Di facile installazione. Ideale per ristrutturazioni in cui è necessario sostituire punti luce, con fori pre-esistenti, senza lavori al soffitto né verniciatura. Swap è la migliore opzione di passaggio al LED rispetto alle lampade di sostituzione 'retrofit' che si limitano ad adeguare soltanto la fonte di luce.

Stets im Lieferumfang enthaltenes Zubehör-Teil, das optional verwendet werden kann, zur Verbreiterung des vorhandenen Zierrings und somit auch der Abdeckung größerer Lochmaße. Dabei bleiben der Minimalismus von Swap und die perfekte Integration in die Decke erhalten. Einfacher Einbau. Ideal bei Renovierungen, um Leuchten an bereits bestehenden Öffnungen ohne Eingriffe an der Decke oder zusätzliche Malerarbeiten auszutauschen. SWAP ist somit die ideale Option auf eine echte LED Leuchte mit integrierter LED aufzurüsten, statt nur mit einer ineffizienten Retrofit-Lampe das Leuchtmittel zu aktualisieren.



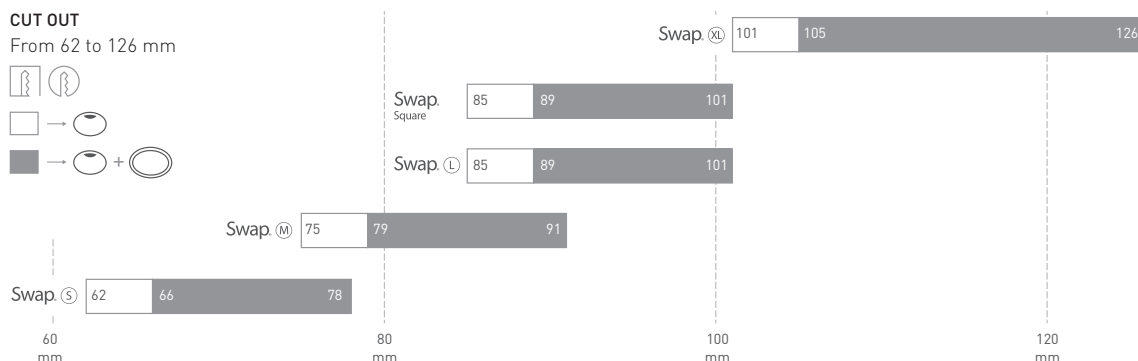
Swap COLOUR	W	R	G	Z	W	N
bezel COLOUR	W	W	W	W	W	N



NO WORKS, NO REPAINTING

CUT OUT

From 62 to 126 mm



CUT-OUT MEASURES

④ 62-126

Swap. [Ⓢ]



④ 62-66
+

④ 66-78

Swap. [Ⓜ]



④ 75-79
+

④ 79-91

Swap. [Ⓛ]



④ 85-89
+

④ 89-101

Swap. [ⓧ]



④ 101-105
+

④ 105-126

④ 75-101

Swap. [Ⓜ]
Asymmetric



④ 75-79
+

④ 79-91

Swap. [Ⓛ]
Asymmetric



④ 85-89
+

④ 89-101

④ 85-101

Swap.
Square



④ 85-89
+

④ 89-101

Swap.
Square Asymmetric



④ 85-89
+

④ 89-101

SWAP DIM TO WARM

La tecnología de regulación DIM to Warm es un método para la modulación sincronizada de la intensidad luminosa y la temperatura de color.

Dentro del rango CCT que la luminaria abarca, ésta otorga la temperatura más fría al 100% de su flujo lumínico. Según se atenúa la intensidad, la luminaria modifica la temperatura de color a valores más cálidos. Cuando la regulación alcanza el mínimo flujo lumínico, la luminaria ofrecerá la temperatura de color más cálida.

Este efecto es semejante al comportamiento que ofrecían las tradicionales bombillas halógenas cuando se las sometía a regulaciones de intensidad.

Muy apreciado en ambientes domésticos, hostelería, etc... el efecto DIM to Warm responde a la vinculación que la temperatura de color y la cantidad de luz tienen con el confort y el bienestar psicológico de las personas. Para momentos del día donde se busca la activación y los biorritmos elevados, la luz fría y abundante es adecuada. Al contrario, en las horas donde se persigue la desactivación y el relax, la temperatura cálida y la luz estrictamente necesaria son las características deseadas.

The DIM to Warm tuning technology is a method for synchronized modulation of light intensity and colour temperature.

Within the CCT limits of this lighting fixture, it provides the coldest temperature at 100% of its luminous flux.

As the intensity fades, the luminaire changes the color temperature to more pleasing values. When the setting reaches the minimum luminous flux, the luminaire is able to provide the warmest colour temperature.

This effect is similar to the behaviour of the traditional halogen bulbs when submitted to intensity variations.

Highly appreciated in domestic environments, hotels, etc... the DIM to Warm effect is the answer to the link that the colour temperature and the amount of light have with the comfort and well-being of the people. For those moments of the day in which activity starts and high biorhythms are required, a cold and abundant light is adequate. On the contrary, when the activity decreases and it is time to relax, a soft temperature and a strictly necessary amount of light are the desired characteristics.

La technologie de réglage DIM to Warm est une méthode pour la modulation synchronisée de l'intensité lumineuse et de la température de couleur.

Dans les limites de CCT de ce luminaire, celui-ci donne la température la plus froide à 100% de son flux lumineux.

A mesure que l'intensité s'atténue, le luminaire modifie la température de couleur à des valeurs plus agréables. Quand le réglage atteint le flux lumineux minimum, le luminaire offrira la température de couleur la plus agréable.

Cet effet est semblable au comportement qu'avaient les ampoules halogènes traditionnelles quand elles étaient soumises à des variations d'intensité.

Très apprécié dans des ambiances domestiques, d'hôtellerie, etc... l'effet DIM to Warm répond au lien que la température de couleur et la quantité de lumière ont avec le confort et le bien-être des personnes. Pour les moments de la journée où on recherche l'augmentation d'activité et des biorhythmes élevés, une lumière froide et abondante est adéquate. Au contraire, pendant les heures où on recherche la baisse d'activité et le relax, la température douce et la lumière strictement nécessaire sont les caractéristiques souhaitées.

La tecnologia di regolazione DIM to Warm è un metodo per la modulazione sincronizzata dell'intensità luminosa e della temperatura del colore.

All'interno dell'intervallo CCT coperto dall'apparecchio, fornisce la temperatura più fredda al 100% del suo flusso luminoso. Quando l'intensità diminuisce, l'apparecchio cambia la temperatura del colore a valori più caldi. Quando la regolazione raggiunge il minimo flusso luminoso, l'apparecchio offrirà la temperatura di colore più calda.

Questo effetto è simile al comportamento offerto dalle tradizionali lampadine alogene quando sottoposto a regolazioni di intensità.

Molto apprezzata negli ambienti domestici, nell'ospitalità, ecc... l'effetto DIM to Warm risponde alla connessione che la temperatura del colore e la quantità della luce hanno con il comfort e il benessere psicologico delle persone. Per i momenti della giornata in cui è richiesta l'attivazione e i bioritmi elevati, la luce fredda e abbondante è adeguata. Al contrario, nelle ore in cui l'obiettivo è il rilassamento, la temperatura calda e la luce strettamente necessaria sono le caratteristiche desiderate.

Die DIM-to-Warm Technologie ist eine Methode zur synchronisierten Modulation von Lichtintensität und Farbtemperatur.

Innerhalb der CCT-Serie, die die Leuchte abdeckt, gibt sie die kälteste Temperatur bei 100% ihres Lichtstroms. Wenn die Intensität mindert, ändert die Leuchte die Farbtemperatur auf wärmere Werte. Wenn die Dimmung den minimalen Lichtstrom erreicht, bietet die Leuchte die wärmste Farbtemperatur.

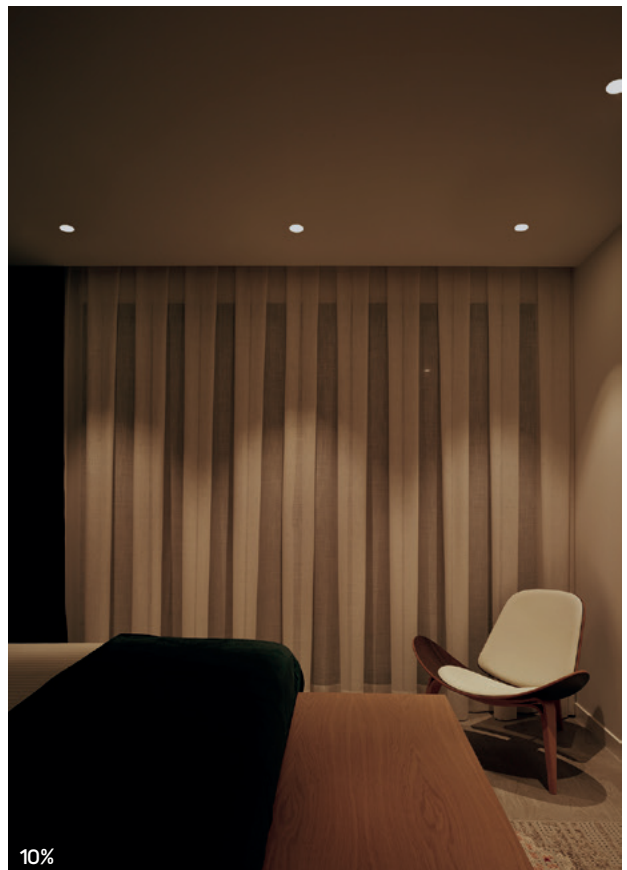
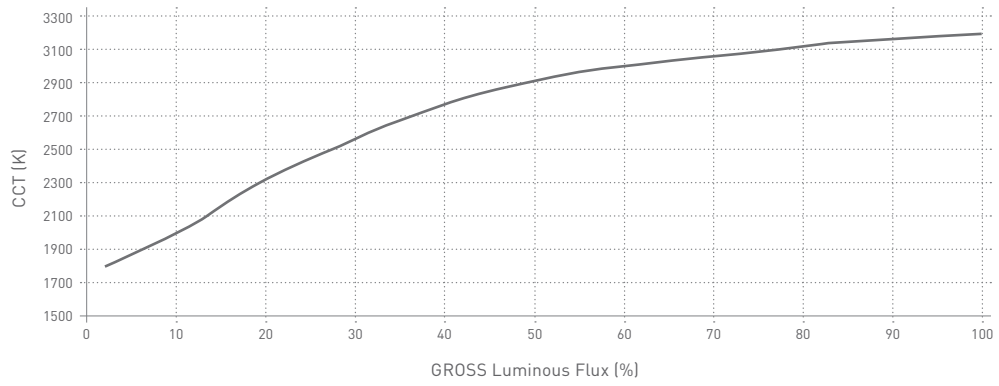
Dieser Effekt ist vergleichbar mit dem Verhalten, das herkömmliche Halogenlampen bei Intensitätsdimmen bieten.

Sehr geschätzt in häuslichen Umgebungen, Gastgewerbe, usw.... Der DIM to Warm-Effekt reagiert auf die Verbindung, die die Farbtemperatur und die Menge an Licht mit dem Komfort und dem psychologischen Wohlbefinden der Menschen haben. Für Momente des Tages, in denen Aktivierung und erhöhte Biorhythmen gesucht werden, ist kaltes und reichlich vorhandenes Licht ausreichend. Im Gegenteil, in den Stunden, in denen die Deaktivierung und Entspannung angestrebt werden, sind die warme Temperatur und das unbedingt notwendige Licht die gewünschten Eigenschaften.



Private residence, Bétera (Spain) | Design: Alfredo Monzó & Ester Climent | Photography: Mayte Plera - Espacio Fotográfico

DIM TO WARM CCT VS. GROSS LUMINOUS FLUX





Caterpillar offices, Málaga (Spain) | Design: DIKA Estudio creativo | Photography: Daniel Peinado Photo

SWAP RT 2012

SPÉCIALE FRANCE





		P	CCT	I	Flux	LOR
SWAP S RT 2012	A412-11-10- W R G Z WN N	5W	2700K	150mA	675Lm	81%
	A412-11-11- W R G Z WN N	5W	3000K	150mA	700Lm	81%
	A412-11-12- W R G Z WN N	5W	4000K	150mA	710Lm	81%
	A412-12-10- W R G Z WN N	7W	2700K	200mA	910Lm	81%
	A412-12-11- W R G Z WN N	7W	3000K	200mA	940Lm	81%
	A412-12-12- W R G Z WN N	7W	4000K	200mA	960Lm	81%

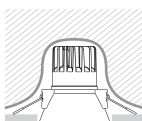
220-240 V~ | IP54 | CRI>90 | L80B10 >60.000 h |
 MacAdam Step 2 |
 FAST | CONNEC |
 INCL |
 EXCL | ACC. |
 Ø62 |
 UGR <19 |
 36°



		P	CCT	I	Flux	LOR
SWAP M RT 2012	A412-21-10- W R G Z WN N	5W	2700K	150mA	675Lm	81%
	A412-21-11- W R G Z WN N	5W	3000K	150mA	700Lm	81%
	A412-21-12- W R G Z WN N	5W	4000K	150mA	710Lm	81%
	A412-22-10- W R G Z WN N	7W	2700K	200mA	910Lm	81%
	A412-22-11- W R G Z WN N	7W	3000K	200mA	940Lm	81%
	A412-22-12- W R G Z WN N	7W	4000K	200mA	960Lm	81%

220-240 V~ | IP54 | CRI>90 | L80B10 >60.000 h |
 MacAdam Step 2 |
 FAST | CONNEC |
 INCL |
 EXCL | ACC. |
 Ø75 |
 UGR <19 |
 46°

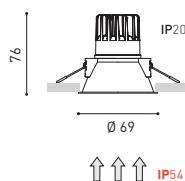
RECOUVRABLE
D'ISOLANT DEROULE



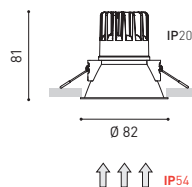
↑↑↑ IP54

EXCL | COLLERETTE EXCLUE. NON COMPATIBLE

Swap. RT 2012

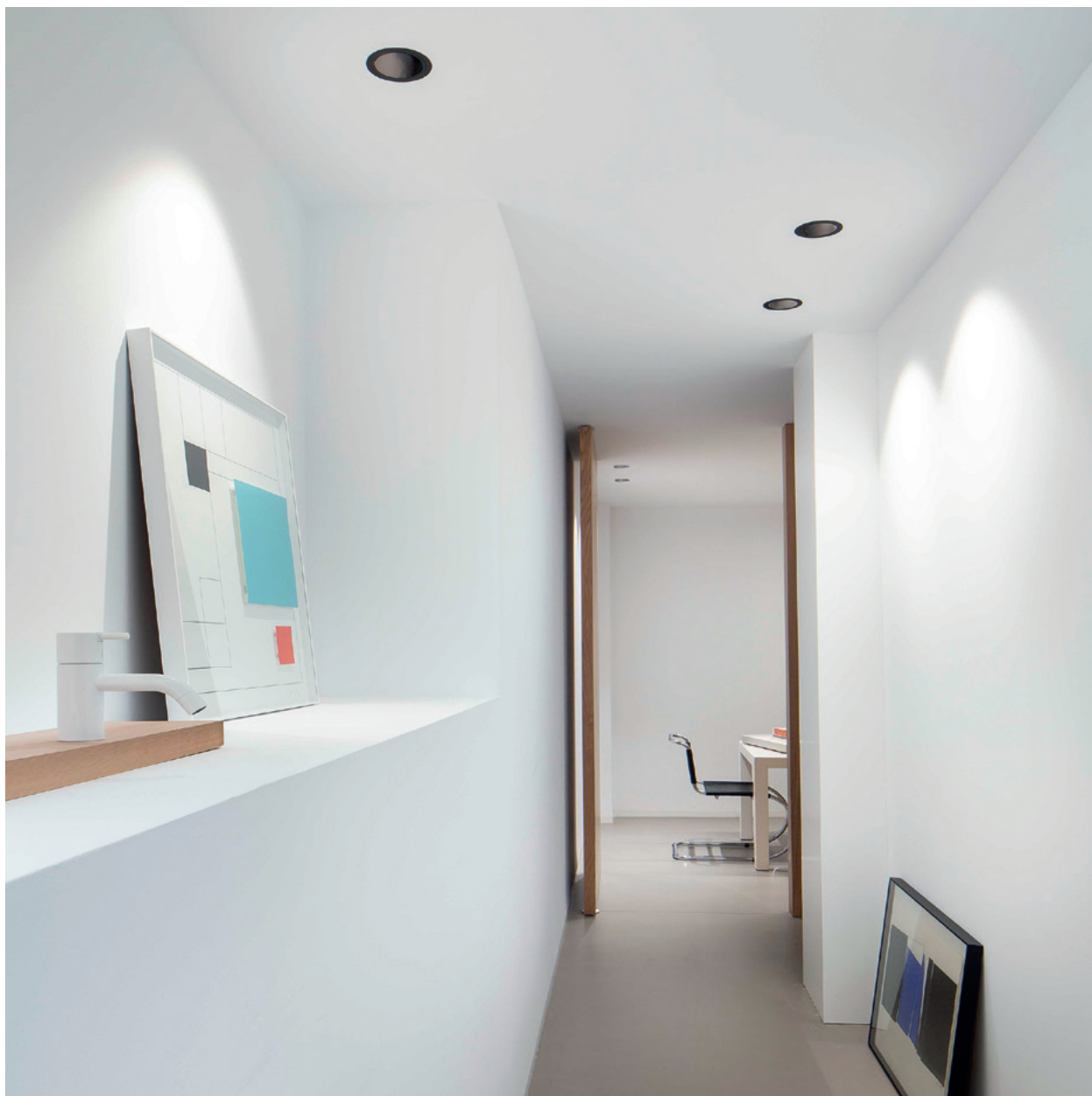


Swap. RT 2012



COLOUR | W | R | G | Z | WN | N | MATERIAL | AL | PC | RAL » 365

COLOURS MAY AFFECT THE LIGHTING PARAMETERS | ADD-ON BEZEL EXCLUDED. NOT COMPATIBLE



Victor García Arquitectos Studio, Valencia (Spain) | Design: Víctor García Martínez Arquitecto | Photography: David Zarzoso - Fotografía de arquitectura



POINTER



		P	CCT	I	Flux	LOR
POINTER	A271-11- ☉ -0- W N	5W	2700K	150mA	680Lm	78%
	A271-11- ☉ -1- W N	5W	3000K	150mA	700Lm	78%
	A271-11- ☉ -2- W N	5W	4000K	150mA	720Lm	78%
	A271-21- ☉ -0- W N	7W	2700K	200mA	860Lm	78%
	A271-21- ☉ -1- W N	7W	3000K	200mA	900Lm	78%
	A271-21- ☉ -2- W N	7W	4000K	200mA	920Lm	78%
	A271-31- ☉ -0- W N	11W	2700K	300mA	1200Lm	78%
	A271-31- ☉ -1- W N	11W	3000K	300mA	1250Lm	78%
	A271-31- ☉ -2- W N	11W	4000K	300mA	1280Lm	78%
PHASE CUT *	A271-32- ☉ -0- W N	11W	2700K	300mA	1200Lm	78%
	A271-32- ☉ -1- W N	11W	3000K	300mA	1250Lm	78%
	A271-32- ☉ -2- W N	11W	4000K	300mA	1280Lm	78%
DALI PUSH *	A271-33- ☉ -0- W N	11W	2700K	300mA	1200Lm	78%
	A271-33- ☉ -1- W N	11W	3000K	300mA	1250Lm	78%
	A271-33- ☉ -2- W N	11W	4000K	300mA	1280Lm	78%



☉ BEAM OPTIONS

1	37°
2	56°

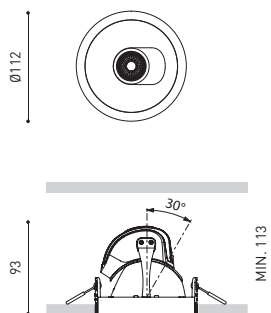


W



N

POINTER



COLOUR | W □ | N ■ | MATERIAL | AL | PC |

RAL ⓘ » 365

* OTHER DIM OPTIONS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

⌘ & 🔋 » PLEASE CONSULT

ORIENTA LA LUZ. HACIA DONDE QUIERAS. CUANDO QUIERAS.

Con Pointer se logra la versatilidad de modificar la dirección del haz de luz a voluntad. Todo, sin necesidad de herramientas, con una sencilla y suave acción manual.

AIM THE LIGHT. WHEREVER YOU WANT. WHENEVER YOU WANT.

With Pointer we have obtained the versatility of modifying the beam direction of light as many times as you wish. All this, without any need for tools, only through a simple and smooth manual action.

ORIENTE LA LUMIÈRE. VERS OÙ TU VEUX. QUAND TU VEUX.

Avec Pointer nous obtenons la versatilité de modifier le sens du faisceau de la lumière

à volonté. Tout cela, sans aucun besoin d'outil, seulement avec une simple et souple action manuelle.

ORIENTA LA LUCE. DOVE VUOI. QUANDO VUOI.

Pointer raggiunge la versatilità di modificare la direzione del fascio a nostro piacimento, a 350°. Solo con una semplice e delicata azione manuale.

RICHE DAS LICHT AUS. WO IMMER DU WILLST, WANN IMMER DU WILLST.

Mit Pointer haben wir die Vielseitigkeit erhalten, die Strahlrichtung des Lichts so oft zu ändern, wie Sie möchten. All dies, ohne Werkzeug, nur durch eine einfache und reibungslose manuelle Aktion.





Porsche Centre, Valencia (Spain) | Photography: Héctor Rubio - Images Positive

DESIGN PLUS
2012 AWARD



**Premios
Delta'12**
Δ
Selección

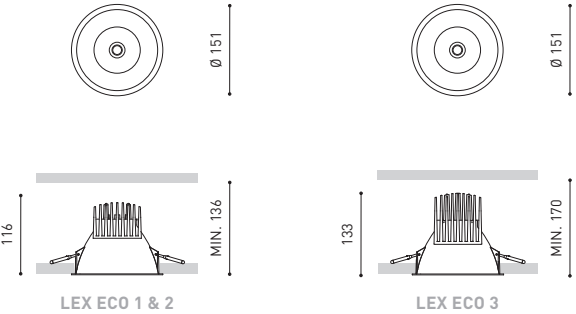
LEX ECO



		P	CCT	I	Flux	LOR
LEX ECO 1	A070-01-01- W R G Z WN N	10W	3000K	300mA	1420Lm	70%
	A070-01-02- W R G Z WN N	10W	4000K	300mA	1440Lm	70%
LEX ECO 2	A070-01-03- W R G Z WN N	17W	3000K	500mA	2150Lm	70%
	A070-01-04- W R G Z WN N	17W	4000K	500mA	2180Lm	70%
	 A070-01-07- W R G Z WN N	17W	3000K	500mA	2150Lm	70%
	 A070-01-08- W R G Z WN N	17W	4000K	500mA	2180Lm	70%
	 A070-01-11- W R G Z WN N	17W	3000K	500mA	2150Lm	70%
	 A070-01-12- W R G Z WN N	17W	4000K	500mA	2180Lm	70%
	 A070-01-15- W R G Z WN N	17W	3000K	500mA	2150Lm	70%
	 A070-01-16- W R G Z WN N	17W	4000K	500mA	2180Lm	70%
	A070-01-17- W R G Z WN N	24W	3000K	700mA	2800Lm	70%
	A070-01-18- W R G Z WN N	24W	4000K	700mA	2840Lm	70%
LEX ECO 3	 A070-01-23- W R G Z WN N	24W	3000K	700mA	2800Lm	70%
	 A070-01-24- W R G Z WN N	24W	4000K	700mA	2840Lm	70%
	 A070-01-19- W R G Z WN N	24W	3000K	700mA	2800Lm	70%
	 A070-01-20- W R G Z WN N	24W	4000K	700mA	2840Lm	70%
	 A070-01-21- W R G Z WN N	24W	3000K	700mA	2800Lm	70%
	 A070-01-22- W R G Z WN N	24W	4000K	700mA	2840Lm	70%

LED | 220-240 V~ |  CE |  IP20 | CRI>90 | L80B10 >60.000 h

 MacAdam Step 2 |  CONNEC |  INCL |  Ø140 |  UGR<19 |  71°



ACCESSORY

LEX ECO High Chromatic LED *

NOT SOLD SEPARATELY

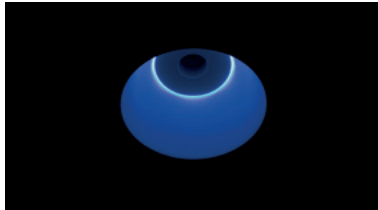
LED ⓘ » 366

COLOUR | W  | R  | G  | Z  | WN  | N  | MATERIAL |  AL |  PC | RAL ⓘ » 365

OTHER CCT PLEASE CONSULT | * ACCESSORY & COLOURS MAY AFFECT THE LIGHTING PARAMETERS  &  » PLEASE CONSULT



LEX ECO BLUE ON

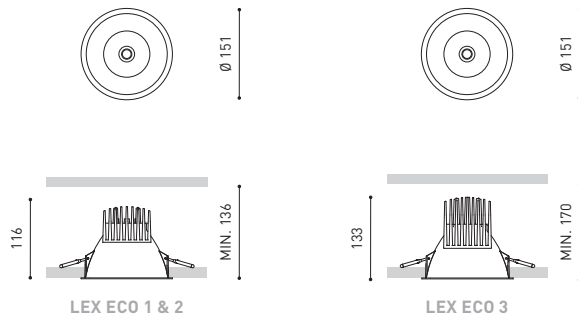


LEX ECO BLUE OFF

		P	CCT	I	Flux	LOR	
LEX ECO Blue 1	A070-02-01- W	10W	3000K	300mA	1420Lm	70%	
	A070-02-02- W	10W	4000K	300mA	1440Lm	70%	
LEX ECO Blue 2	A070-02-03- W	17W	3000K	500mA	2150Lm	70%	
	A070-02-04- W	17W	4000K	500mA	2180Lm	70%	
	 PUSH	A070-02-07- W	17W	3000K	500mA	2150Lm	70%
		A070-02-08- W	17W	4000K	500mA	2180Lm	70%
	 1-10V	A070-02-11- W	17W	3000K	500mA	2150Lm	70%
		A070-02-12- W	17W	4000K	500mA	2180Lm	70%
	 DALI	A070-02-15- W	17W	3000K	500mA	2150Lm	70%
		A070-02-16- W	17W	4000K	500mA	2180Lm	70%
LEX ECO Blue 3	A070-02-17- W	24W	3000K	700mA	2800Lm	70%	
	A070-02-18- W	24W	4000K	700mA	2840Lm	70%	
	 PUSH	A070-02-23- W	24W	3000K	700mA	2800Lm	70%
		A070-02-24- W	24W	4000K	700mA	2840Lm	70%
	 1-10V	A070-02-19- W	24W	3000K	700mA	2800Lm	70%
		A070-02-20- W	24W	4000K	700mA	2840Lm	70%
	 DALI	A070-02-21- W	24W	3000K	700mA	2800Lm	70%
		A070-02-22- W	24W	4000K	700mA	2840Lm	70%

LED | 220 240 V~ |  01 | CE |  IP20 | CRI>90 | L80B10 > 60.000 h

 MacAdam Step 2 |  CONNEC |  INCL |  Ø140 |  UGR <19 |  71°



ACCESSORY

LEX ECO High Chromatic LED *

NOT SOLD SEPARATELY

LED |  » 366

COLOUR | W  RAL 9016 | MATERIAL |  AL |  PC |

 » 368

OTHER CCT PLEASE CONSULT | * ACCESSORY MAY AFFECT THE LIGHTING PARAMETERS

 &  » PLEASE CONSULT

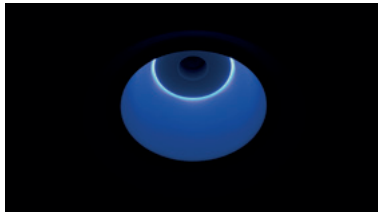




Gran Azul Restaurante, Valencia (Spain) | Design: Nastenka Taller de Proyectos | Lighting Design: StuccoLlums Iluminación y Proyectos | Photography: Héctor Rubio · Images Positive



LEX ECO 205 & LEX ECO 205 BLUE ON



LEX ECO 205 BLUE OFF

		P	CCT	I	Flux	LOR
LEX ECO 205 1	A070- 00 -01- W	10W	3000K	300mA	1420Lm	70%
	A070- 00 -02- W	10W	4000K	300mA	1440Lm	70%
LEX ECO 205 2	A070- 00 -03- W	17W	3000K	500mA	2150Lm	70%
	A070- 00 -04- W	17W	4000K	500mA	2180Lm	70%
	 A070- 00 -07- W	17W	3000K	500mA	2150Lm	70%
	 A070- 00 -08- W	17W	4000K	500mA	2180Lm	70%
	 A070- 00 -11- W	17W	3000K	500mA	2150Lm	70%
	 A070- 00 -12- W	17W	4000K	500mA	2180Lm	70%
	 A070- 00 -15- W	17W	3000K	500mA	2150Lm	70%
	 A070- 00 -16- W	17W	4000K	500mA	2180Lm	70%
	A070- 00 -17- W	24W	3000K	700mA	2800Lm	70%
	A070- 00 -18- W	24W	4000K	700mA	2840Lm	70%
LEX ECO 205 3	 A070- 00 -23- W	24W	3000K	700mA	2800Lm	70%
	 A070- 00 -24- W	24W	4000K	700mA	2840Lm	70%
	 A070- 00 -19- W	24W	3000K	700mA	2800Lm	70%
	 A070- 00 -20- W	24W	4000K	700mA	2840Lm	70%
	 A070- 00 -21- W	24W	3000K	700mA	2800Lm	70%
	 A070- 00 -22- W	24W	4000K	700mA	2840Lm	70%

LED | 220 V~ |  01 CE |  IP20 | CRI>90 | L80B10 > 60.000 h

 MacAdam Step 2 |  CONNEC |  INCL |  Ø205 |  UGR <19 |  71°

00 OPTIONS

03	LEX ECO 205
04	LEX ECO 205 Blue

ACCESSORY

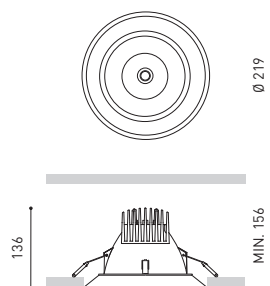
LEX ECO High Chromatic LED *

NOT SOLD SEPARATELY

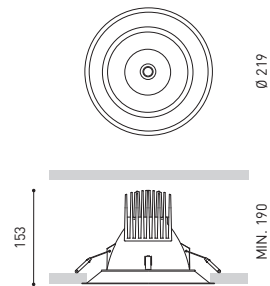


 » 366

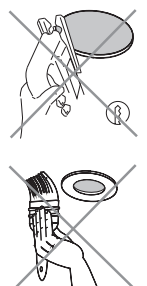
LEX ECO 205 1 & 2



LEX ECO 205 3



NO WORKS, NO REPAINTING



COLOUR | W  RAL 9016 | MATERIAL |  AL |  PC |

 » 368

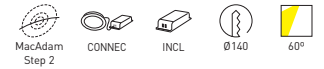
OTHER CCT PLEASE CONSULT | * ACCESSORY MAY AFFECT THE LIGHTING PARAMETERS

 &  » PLEASE CONSULT

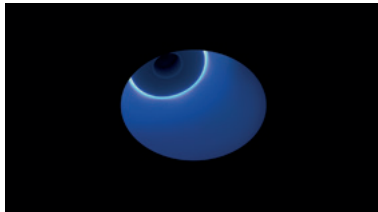


		P	CCT	I	Flux	LOR		
LEX ECO Asymmetric 1		A071-01-01- W R G Z WN N	10W	3000K	300mA	1420Lm	70%	
		A071-01-02- W R G Z WN N	10W	4000K	300mA	1440Lm	70%	
LEX ECO Asymmetric 2		A071-01-03- W R G Z WN N	17W	3000K	500mA	2150Lm	70%	
		A071-01-04- W R G Z WN N	17W	4000K	500mA	2180Lm	70%	
	 PUSH	A071-01-07- W R G Z WN N	17W	3000K	500mA	2150Lm	70%	
		A071-01-08- W R G Z WN N	17W	4000K	500mA	2180Lm	70%	
	 1-10V	A071-01-11- W R G Z WN N	17W	3000K	500mA	2150Lm	70%	
		A071-01-12- W R G Z WN N	17W	4000K	500mA	2180Lm	70%	
	 DALI	A071-01-15- W R G Z WN N	17W	3000K	500mA	2150Lm	70%	
		A071-01-16- W R G Z WN N	17W	4000K	500mA	2180Lm	70%	
	LEX ECO Asymmetric 3		A071-01-17- W R G Z WN N	24W	3000K	700mA	2800Lm	70%
			A071-01-18- W R G Z WN N	24W	4000K	700mA	2840Lm	70%
 PUSH		A071-01-23- W R G Z WN N	24W	3000K	700mA	2800Lm	70%	
		A071-01-24- W R G Z WN N	24W	4000K	700mA	2840Lm	70%	
 1-10V		A071-01-19- W R G Z WN N	24W	3000K	700mA	2800Lm	70%	
		A071-01-20- W R G Z WN N	24W	4000K	700mA	2840Lm	70%	
 DALI		A071-01-21- W R G Z WN N	24W	3000K	700mA	2800Lm	70%	
		A071-01-22- W R G Z WN N	24W	4000K	700mA	2840Lm	70%	

LED | 220 240 V~ |  01 CE |  IP20 | CRI>90 | L80B10 > 60.000 h



LEX ECO ASYMMETRIC BLUE ON



LEX ECO ASYMMETRIC BLUE OFF

		P	CCT	I	Flux	LOR	
LEX ECO Asymmetric Blue 1	A071-02-01- W	10W	3000K	300mA	1420Lm	70%	
	A071-02-02- W	10W	4000K	300mA	1440Lm	70%	
LEX ECO Asymmetric Blue 2	A071-02-03- W	17W	3000K	500mA	2150Lm	70%	
	A071-02-04- W	17W	4000K	500mA	2180Lm	70%	
	 PUSH	A071-02-07- W	17W	3000K	500mA	2150Lm	70%
		A071-02-08- W	17W	4000K	500mA	2180Lm	70%
	 1-10V	A071-02-11- W	17W	3000K	500mA	2150Lm	70%
		A071-02-12- W	17W	4000K	500mA	2180Lm	70%
	 DALI	A071-02-15- W	17W	3000K	500mA	2150Lm	70%
		A071-02-16- W	17W	4000K	500mA	2180Lm	70%
	LEX ECO Asymmetric Blue 3	A071-02-17- W	24W	3000K	700mA	2800Lm	70%
		A071-02-18- W	24W	4000K	700mA	2840Lm	70%
 PUSH		A071-02-23- W	24W	3000K	700mA	2800Lm	70%
		A071-02-24- W	24W	4000K	700mA	2840Lm	70%
 1-10V		A071-02-19- W	24W	3000K	700mA	2800Lm	70%
		A071-02-20- W	24W	4000K	700mA	2840Lm	70%
 DALI		A071-02-21- W	24W	3000K	700mA	2800Lm	70%
		A071-02-22- W	24W	4000K	700mA	2840Lm	70%

LED | 220 240 V~ |  01 CE |  IP20 | CRI>90 | L80B10 > 60.000 h



COLOUR | W  | R  | G  | Z  | WN  | N  | MATERIAL |  AL |  PC | RAL  » 365

OTHER CCT PLEASE CONSULT | * ACCESSORY & COLOURS MAY AFFECT THE LIGHTING PARAMETERS

 &  » PLEASE CONSULT



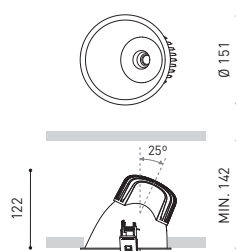
ACCESSORY

LEX ECO High Chromatic LED *

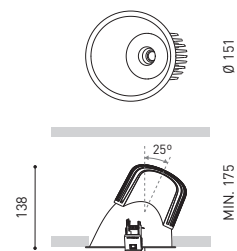
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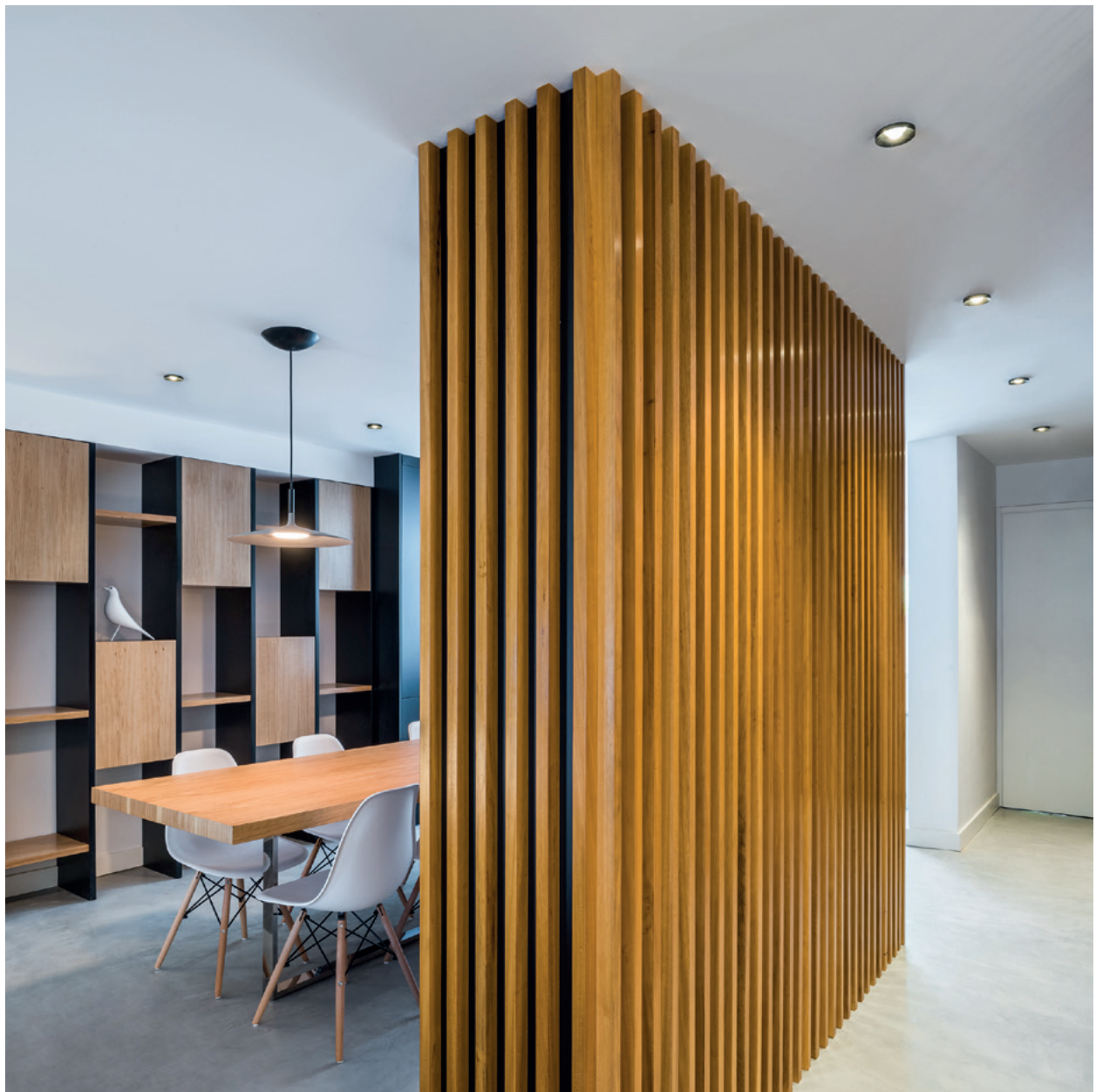


LEX ECO ASYMMETRIC 1 & 2



LEX ECO ASYMMETRIC 3





Vivienda Oasis, Madrid (Spain) | Design: Bscod_raum | Photography: Javier Bravo - Fotografia



EXTENDED FAMILY

PUCK_244

PUCK RECESSED



		P	CCT	I	Flux	LOR
PUCK S Recessed	A313-00- -0- WT NT	5W	2700K	150mA	670Lm	80%
	A313-00- -1- WT NT	5W	3000K	150mA	700Lm	80%
	A313-00- -2- WT NT	5W	4000K	150mA	710Lm	80%
LED 220 V~ IP20 CRI>90 L80B10 > 60.000 h MacAdam Step 2 OPTIONS* CONNEC INCL Ø59 UGR <19 42°						



		P	CCT	I	Flux	LOR
PUCK M Recessed	A313-10- -0- WT NT	9W	2700K	500mA	1040Lm	80%
	A313-10- -1- WT NT	9W	3000K	500mA	1080Lm	80%
	A313-10- -2- WT NT	9W	4000K	500mA	1100Lm	80%
LED 220 V~ IP20 CRI>90 L80B10 > 60.000 h MacAdam Step 2 OPTIONS* CONNEC INCL Ø73 UGR <19 45°						

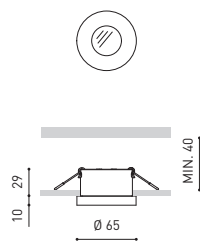


		P	CCT	I	Flux	LOR
PUCK L Recessed	A313-20- -0- WT NT	12W	2700K	350mA	1550Lm	82%
	A313-20- -1- WT NT	12W	3000K	350mA	1610Lm	82%
	A313-20- -2- WT NT	12W	4000K	350mA	1640Lm	82%
LED 220 V~ IP20 CRI>90 L80B10 > 60.000 h MacAdam Step 2 OPTIONS* CONNEC INCL Ø86 UGR <19 47°						

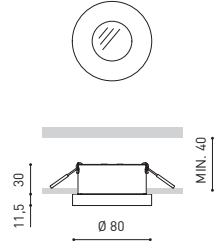
*OPTIONS

1	No DIM
2	DIM DALI Push

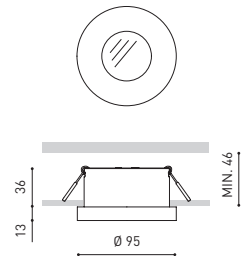
PUCK S RECESSED



PUCK M RECESSED



PUCK L RECESSED



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | OPTICAL GLASS | » 368

* OTHER DIM OPTIONS & IP54 PLEASE CONSULT

& » PLEASE CONSULT



Comparison between a Recessed and a Surface installation. See page 244.





DUOMO



				P	CCT	I	Flux	LOR
DUOMO IP65/IP20	A285-01-11-	W	IP65 / IP20	16,5W	3000K	500mA	2450Lm	80%
	A285-01-12-	W	IP65 / IP20	16,5W	4000K	500mA	2500Lm	80%
	A285-02- ① -1-	W	IP65 / IP20	41W	3000K	1200mA	5100Lm	80%
	A285-02- ① -2-	W	IP65 / IP20	41W	4000K	1200mA	5200Lm	80%

LED | 220 V~ | CRI>90 | L80B10 > 60.000 h



				P	CCT	I	Flux	LOR
DUOMO IP65/IP65	A285-11-11-	W	IP65 / IP65	16,5W	3000K	500mA	2450Lm	80%
	A285-11-12-	W	IP65 / IP65	16,5W	4000K	500mA	2500Lm	80%
	A285-12-11-	W	IP65 / IP65	41W	3000K	1200mA	5100Lm	80%
	A285-12-12-	W	IP65 / IP65	41W	4000K	1200mA	5200Lm	80%

LED | 220 V~ | CRI>90 | L80B10 > 60.000 h



① *OPTIONS

1	No DIM
2	DIM Push
4	DIM DALI

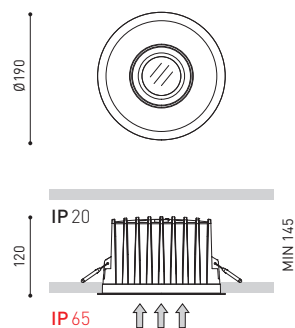
ACCESSORY

DUOMO High Chromatic LED **

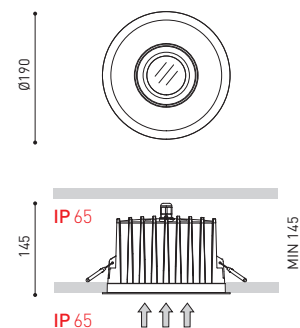
NOT SOLD SEPARATELY

LED » 366

DUOMO IP65 / IP20



DUOMO IP65 / IP65



COLOUR | W | MATERIAL | AL | PC | OPTICAL GLASS |

RAL » 365

OTHER CCT PLEASE CONSULT | ** AFFECTS THE LIGHTING PARAMETERS

& » PLEASE CONSULT



Photography: BLSimages Architectural Photography





Arkostlight Stand, Light + Building 2018, Frankfurt (Germany) | Design: Francesc Rife Studio | Photography: David Zarzoso . Fotografia de arquitectura



OLYMPIA



		P	CCT	I	Flux	LOR
OLYMPIA	A257-00- ① -1- W	10,5W	3000K	350mA	1550Lm	67%
	A257-00- ① -2- W	10,5W	4000K	350mA	1575Lm	67%

LED | 220-240 V~ | IP54 | IK10 | CRI>90 | L80B10 > 60.000h

MacAdam Step 2

OPTIONS*

CONNEC

INCL

70 X 285

101°



		P	CCT	I	Flux	LOR
OLYMPIA Mini	A258-00- ① -1- W	5,5W	3000K	500mA	800Lm	63%
	A258-00- ① -2- W	5,5W	4000K	500mA	825Lm	63%

LED | 220-240 V~ | IP54 | IK10 | CRI>90 | L80B10 > 60.000h

MacAdam Step 2

OPTIONS*

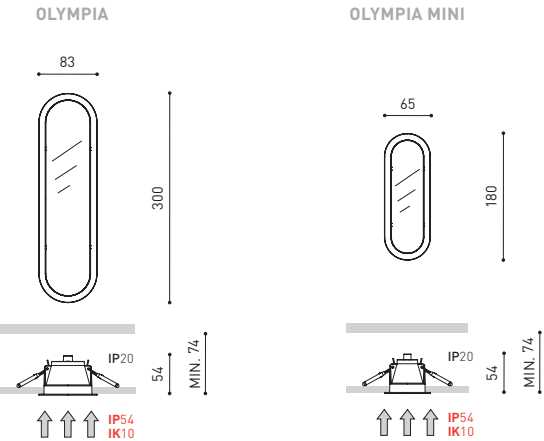
CONNEC

INCL

52 X 167

87°

①	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI





Arkoslight Headquarters, Valencia (Spain) | Design: Francesc Rifé Studio | Architect: Víctor García Martínez Arquitecto | Photography: David Zarzoso · Fotografía de arquitectura

DEEP

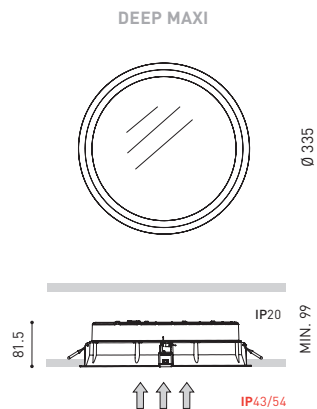


			P	CCT	I	Flux	LOR
DEEP Maxi 2	A248-02- ④ -1- WT IP43		15W	3000K	350mA	2450Lm	85%
	A248-02- ④ -2- WT IP43		15W	4000K	350mA	2500Lm	85%
DEEP Maxi 3	A248-03- ④ -1- WT IP43		22W	3000K	500mA	3450Lm	85%
	A248-03- ④ -2- WT IP43		22W	4000K	500mA	3500Lm	85%
DEEP Maxi 4	A248-04- ④ -1- WT IP43		31W	3000K	700mA	4700Lm	85%
	A248-04- ④ -2- WT IP43		31W	4000K	700mA	4775Lm	85%
DEEP Maxi 5	A248-05- ④ -1- WT IP43		40W	3000K	900mA	5825Lm	85%
	A248-05- ④ -2- WT IP43		40W	4000K	900mA	5925Lm	85%
DEEP Maxi IP54 2	A248-12- ④ -1- WT IP54		15W	3000K	350mA	2450Lm	85%
	A248-12- ④ -2- WT IP54		15W	4000K	350mA	2500Lm	85%
DEEP Maxi IP54 3	A248-13- ④ -1- WT IP54		22W	3000K	500mA	3450Lm	85%
	A248-13- ④ -2- WT IP54		22W	4000K	500mA	3500Lm	85%
DEEP Maxi IP54 4	A248-14- ④ -1- WT IP54		31W	3000K	700mA	4700Lm	85%
	A248-14- ④ -2- WT IP54		31W	4000K	700mA	4775Lm	85%
DEEP Maxi IP54 5	A248-15- ④ -1- WT IP54		40W	3000K	900mA	5825Lm	85%
	A248-15- ④ -2- WT IP54		40W	4000K	900mA	5925Lm	85%



④ *OPTIONS

1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | WT □ RAL 9016 | MATERIAL | AL | PMMA |

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» PLEASE CONSULT



			P	CCT	I	Flux	LOR
DEEP 1	A249-01- ④ -1- WT	IP43	10,5W	3000K	350mA	1650Lm	85%
	A249-01- ④ -2- WT	IP43	10,5W	4000K	350mA	1675Lm	85%
DEEP 2	A249-02- ④ -1- WT	IP43	15,5W	3000K	500mA	2275Lm	85%
	A249-02- ④ -2- WT	IP43	15,5W	4000K	500mA	2300Lm	85%
DEEP 3	A249-03- ④ -1- WT	IP43	22W	3000K	700mA	3025Lm	85%
	A249-03- ④ -2- WT	IP43	22W	4000K	700mA	3075Lm	85%
DEEP 4	A249-04- ④ -1- WT	IP43	27W	3000K	700mA	4050Lm	87%
	A249-04- ④ -2- WT	IP43	27W	4000K	700mA	4100Lm	87%

DEEP IP54 1	A249-11- ④ -1- WT	IP54	10,5W	3000K	350mA	1650Lm	85%
	A249-11- ④ -2- WT	IP54	10,5W	4000K	350mA	1675Lm	85%
DEEP IP54 2	A249-12- ④ -1- WT	IP54	15,5W	3000K	500mA	2275Lm	85%
	A249-12- ④ -2- WT	IP54	15,5W	4000K	500mA	2300Lm	85%
DEEP IP54 3	A249-13- ④ -1- WT	IP54	22W	3000K	700mA	3025Lm	85%
	A249-13- ④ -2- WT	IP54	22W	4000K	700mA	3075Lm	85%
DEEP IP54 4	A249-14- ④ -1- WT	IP54	27W	3000K	700mA	4050Lm	87%
	A249-14- ④ -2- WT	IP54	27W	4000K	700mA	4100Lm	87%

LED	220 240 V~	01	CE	□	CRI>90	L80B10 > 60.000 h	MacAdam Step 2	OPTIONS*	CONNEX	INCL	Ø205	94°
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			P	CCT	I	Flux	LOR
DEEP Mini 2	A250-02- ④ -1- WT	IP43	7W	3000K	500mA	1050Lm	76%
	A250-02- ④ -2- WT	IP43	7W	4000K	500mA	1075Lm	76%
DEEP Mini 3	A250-03- ④ -1- WT	IP43	10W	3000K	700mA	1375Lm	76%
	A250-03- ④ -2- WT	IP43	10W	4000K	700mA	1400Lm	76%
DEEP Mini IP54 2	A250-12- ④ -1- WT	IP54	7W	3000K	500mA	1050Lm	76%
	A250-12- ④ -2- WT	IP54	7W	4000K	500mA	1075Lm	76%
DEEP Mini IP54 3	A250-13- ④ -1- WT	IP54	10W	3000K	700mA	1375Lm	76%
	A250-13- ④ -2- WT	IP54	10W	4000K	700mA	1400Lm	76%

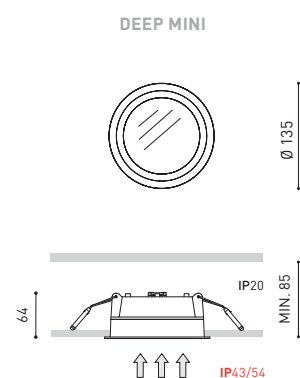
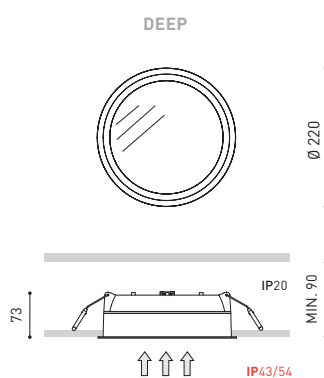
LED	220 240 V~	01	CE	□	CRI>90	L80B10 > 60.000 h	MacAdam Step 2	OPTIONS*	CONNEX	INCL	Ø122	89°
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④	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI

COLOUR | WT □ RAL 9016 | MATERIAL | AL | PMMA |

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DROP



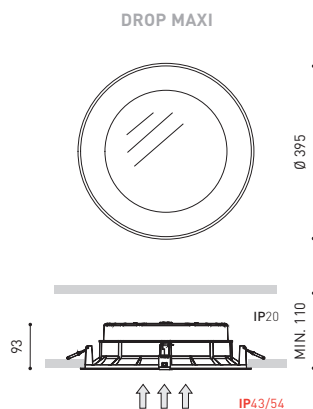
			P	CCT	I	Flux	LOR
DROP MAXI 2	A235-02- ④ -1- WT IP43		15W	3000K	350mA	2450Lm	84%
	A235-02- ④ -2- WT IP43		15W	4000K	350mA	2500Lm	84%
DROP MAXI 3	A235-03- ④ -1- WT IP43		22W	3000K	500mA	3450Lm	84%
	A235-03- ④ -2- WT IP43		22W	4000K	500mA	3500Lm	84%
DROP MAXI 4	A235-04- ④ -1- WT IP43		31W	3000K	700mA	4700Lm	84%
	A235-04- ④ -2- WT IP43		31W	4000K	700mA	4775Lm	84%
DROP MAXI 5	A235-05- ④ -1- WT IP43		40W	3000K	900mA	5825Lm	84%
	A235-05- ④ -2- WT IP43		40W	4000K	900mA	5925Lm	84%
DROP Maxi IP54 2	A235-12- ④ -1- WT IP54		15W	3000K	350mA	2450Lm	84%
	A235-12- ④ -2- WT IP54		15W	4000K	350mA	2500Lm	84%
DROP Maxi IP54 3	A235-13- ④ -1- WT IP54		22W	3000K	500mA	3450Lm	84%
	A235-13- ④ -2- WT IP54		22W	4000K	500mA	3500Lm	84%
DROP Maxi IP54 4	A235-14- ④ -1- WT IP54		31W	3000K	700mA	4700Lm	84%
	A235-14- ④ -2- WT IP54		31W	4000K	700mA	4775Lm	84%
DROP Maxi IP54 5	A235-15- ④ -1- WT IP54		40W	3000K	900mA	5825Lm	84%
	A235-15- ④ -2- WT IP54		40W	4000K	900mA	5925Lm	84%

LED | 220-240 V~ | EL01 | CE | CRi>90 | L80B10 > 60.000 h



④ *OPTIONS

1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | WT □ RAL 9016 | MATERIAL | AL | PMMA |

» 368

» PLEASE CONSULT



Casa M, Madrid (Spain) | Design: Mirror Arquitectos | Builder: Mogerza | Photography: BISimages Architectural Photography



			P	CCT	I	Flux	LOR
DROP 1	A193-01- ④ -1- WT	IP43	10,5W	3000K	350mA	1650Lm	86%
	A193-01- ④ -2- WT	IP43	10,5W	4000K	350mA	1675Lm	86%
DROP 2	A193-02- ④ -1- WT	IP43	15,5W	3000K	500mA	2275Lm	86%
	A193-02- ④ -2- WT	IP43	15,5W	4000K	500mA	2300Lm	86%
DROP 3	A193-03- ④ -1- WT	IP43	22W	3000K	700mA	3025Lm	86%
	A193-03- ④ -2- WT	IP43	22W	4000K	700mA	3075Lm	86%
DROP 4	A193-04- ④ -1- WT	IP43	27W	3000K	700mA	4050Lm	88%
	A193-04- ④ -2- WT	IP43	27W	4000K	700mA	4100Lm	88%

DROP IP54 1	A193-11- ④ -1- WT	IP54	10,5W	3000K	350mA	1650Lm	86%
	A193-11- ④ -2- WT	IP54	10,5W	4000K	350mA	1675Lm	86%
DROP IP54 2	A193-12- ④ -1- WT	IP54	15,5W	3000K	500mA	2275Lm	86%
	A193-12- ④ -2- WT	IP54	15,5W	4000K	500mA	2300Lm	86%
DROP IP54 3	A193-13- ④ -1- WT	IP54	22W	3000K	700mA	3025Lm	86%
	A193-13- ④ -2- WT	IP54	22W	4000K	700mA	3075Lm	86%
DROP IP54 4	A193-14- ④ -1- WT	IP54	27W	3000K	700mA	4050Lm	88%
	A193-14- ④ -2- WT	IP54	27W	4000K	700mA	4100Lm	88%

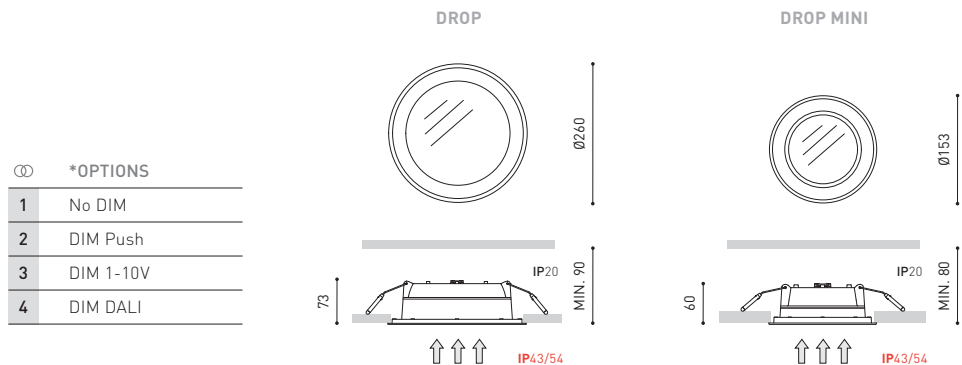
LED | 220 V~ | 01 | CE | | CRI>90 | L80B10 > 60.000h | MacAdam Step 2 | OPTIONS* | CONNEC | INCL | Ø245 | 98°



			P	CCT	I	Flux	LOR
DROP Mini 2	A194-02- ④ -1- WT	IP43	7W	3000K	500mA	1050Lm	78%
	A194-02- ④ -2- WT	IP43	7W	4000K	500mA	1075Lm	78%
DROP Mini 3	A194-03- ④ -1- WT	IP43	10W	3000K	700mA	1375Lm	78%
	A194-03- ④ -2- WT	IP43	10W	4000K	700mA	1400Lm	78%

DROP Mini IP54 2	A194-12- ④ -1- WT	IP54	7W	3000K	500mA	1050Lm	78%
	A194-12- ④ -2- WT	IP54	7W	4000K	500mA	1075Lm	78%
DROP Mini IP54 3	A194-13- ④ -1- WT	IP54	10W	3000K	700mA	1375Lm	78%
	A194-13- ④ -2- WT	IP54	10W	4000K	700mA	1400Lm	78%

LED | 220 V~ | 01 | CE | | CRI>90 | L80B10 > 60.000h | MacAdam Step 2 | OPTIONS* | CONNEC | INCL | Ø140 | 94°

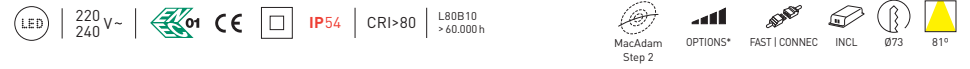


COLOUR | WT RAL 9016 | MATERIAL | AL | PMMA | » 368

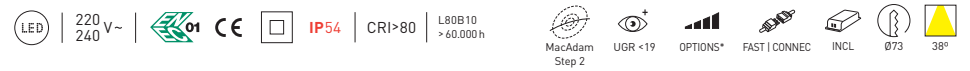
& » PLEASE CONSULT



				P	CCT	I	Flux	LOR
DROP Micro 1	A224-01-10-	WT NT		5W	2700K	140mA	700Lm	72%
	A224-01-11-	WT NT		5W	3000K	140mA	730Lm	72%
	A224-01-12-	WT NT		5W	4000K	140mA	750Lm	72%
DROP Micro 2	A224-02- ② -0-	WT NT		7,5W	2700K	200mA	950Lm	72%
	A224-02- ② -1-	WT NT		7,5W	3000K	200mA	1000Lm	72%
	A224-02- ② -2-	WT NT		7,5W	4000K	200mA	1030Lm	72%

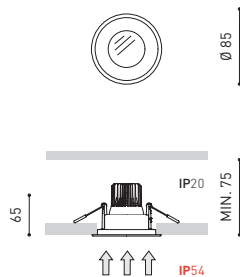


				P	CCT	I	Flux	LOR
DROP Micro Trans 1	A223-01-10-	WT NT		5W	2700K	140mA	700Lm	80%
	A223-01-11-	WT NT		5W	3000K	140mA	730Lm	80%
	A223-01-12-	WT NT		5W	4000K	140mA	750Lm	80%
DROP Micro Trans 2	A223-02- ② -0-	WT NT		7,5W	2700K	200mA	950Lm	80%
	A223-02- ② -1-	WT NT		7,5W	3000K	200mA	1000Lm	80%
	A223-02- ② -2-	WT NT		7,5W	4000K	200mA	1030Lm	80%



②	*OPTIONS
1	No DIM
2	DIM Phase Cut

DROP MICRO



COLOUR | WT ☐ RAL 9016 | NT ☒ RAL 9005 | MATERIAL | ☒ AL | ☐ PMMA || ☒ AL | ☐ GL-TRANS | » 368

* OTHER DIM OPTIONS PLEASE CONSULT

& » PLEASE CONSULT





Bulthaup Showroom, Valencia (Spain) | Design: Alfredo Monzó | Photography: Héctor Rubio - Images Positive

DELTA
AWARDS'14
Selected

EXTENDED FAMILY

STRAM SURFACE_254

STRAM



			P	CCT	I	Flux	LOR
STRAM Prismatic 1	A198-01- 00 -1- WT		10,5W	3000K	350mA	1650Lm	87%
	A198-01- 00 -2- WT		10,5W	4000K	350mA	1675Lm	87%
STRAM Prismatic 2	A198-02- 00 -1- WT		15,5W	3000K	500mA	2275Lm	87%
	A198-02- 00 -2- WT		15,5W	4000K	500mA	2300Lm	87%
STRAM Prismatic 3	A198-03- 00 -1- WT		22W	3000K	700mA	3025Lm	87%
	A198-03- 00 -2- WT		22W	4000K	700mA	3075Lm	87%
STRAM Prismatic 4	A198-04- 00 -1- WT		27W	3000K	700mA	4050Lm	89%
	A198-04- 00 -2- WT		27W	4000K	700mA	4100Lm	89%

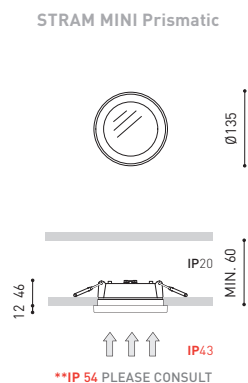
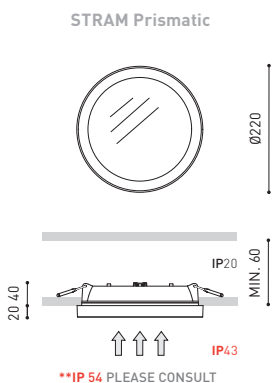
| 220 240 V~ | **IP43** | **IP54**** | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | OPTIONS* | CONNEC | INCL | Ø205 | UGR <19 | 93°



			P	CCT	I	Flux	LOR
STRAM Mini Prismatic 2	A237-02- 00 -1- WT		7W	3000K	500mA	1050Lm	80%
	A237-02- 00 -2- WT		7W	4000K	500mA	1075Lm	80%
STRAM Mini Prismatic 3	A237-03- 00 -1- WT		10W	3000K	700mA	1375Lm	80%
	A237-03- 00 -2- WT		10W	4000K	700mA	1400Lm	80%

| 220 240 V~ | **IP43** | **IP54**** | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | OPTIONS* | CONNEC | INCL | Ø122 | 87°

00	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | WT RAL 9016 | MATERIAL | AL | PMMA |

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			P	CCT	I	Flux	LOR
STRAM 1	A197-01- Ⓞ -1- WT	IP43	10,5W	3000K	350mA	1650Lm	87%
	A197-01- Ⓞ -2- WT	IP43	10,5W	4000K	350mA	1675Lm	87%
STRAM 2	A197-02- Ⓞ -1- WT	IP43	15,5W	3000K	500mA	2275Lm	87%
	A197-02- Ⓞ -2- WT	IP43	15,5W	4000K	500mA	2300Lm	87%
STRAM 3	A197-03- Ⓞ -1- WT	IP43	22W	3000K	700mA	3025Lm	87%
	A197-03- Ⓞ -2- WT	IP43	22W	4000K	700mA	3075Lm	87%
STRAM 4	A197-04- Ⓞ -1- WT	IP43	27W	3000K	700mA	4050Lm	89%
	A197-04- Ⓞ -2- WT	IP43	27W	4000K	700mA	4100Lm	89%
STRAM IP54 1	A197-11- Ⓞ -1- WT	IP54	10,5W	3000K	350mA	1650Lm	87%
	A197-11- Ⓞ -2- WT	IP54	10,5W	4000K	350mA	1675Lm	87%
STRAM IP54 2	A197-12- Ⓞ -1- WT	IP54	15,5W	3000K	500mA	2275Lm	87%
	A197-12- Ⓞ -2- WT	IP54	15,5W	4000K	500mA	2300Lm	87%
STRAM IP54 3	A197-13- Ⓞ -1- WT	IP54	22W	3000K	700mA	3025Lm	87%
	A197-13- Ⓞ -2- WT	IP54	22W	4000K	700mA	3075Lm	87%
STRAM IP54 4	A197-14- Ⓞ -1- WT	IP54	27W	3000K	700mA	4050Lm	89%
	A197-14- Ⓞ -2- WT	IP54	27W	4000K	700mA	4100Lm	89%

LED | 220 240 V~ | 01 CRI>90 | L80B10 > 60.000 h

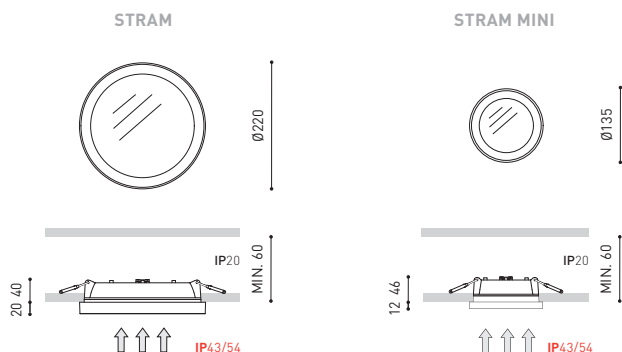


			P	CCT	I	Flux	LOR
STRAM Mini 2	A236-02- Ⓞ -1- WT	IP43	7W	3000K	500mA	1050Lm	80%
	A236-02- Ⓞ -2- WT	IP43	7W	4000K	500mA	1075Lm	80%
STRAM Mini 3	A236-03- Ⓞ -1- WT	IP43	10W	3000K	700mA	1375Lm	80%
	A236-03- Ⓞ -2- WT	IP43	10W	4000K	700mA	1400Lm	80%
STRAM Mini IP54 2	A236-12- Ⓞ -1- WT	IP54	7W	3000K	500mA	1050Lm	80%
	A236-12- Ⓞ -2- WT	IP54	7W	4000K	500mA	1075Lm	80%
STRAM Mini IP54 3	A236-13- Ⓞ -1- WT	IP54	10W	3000K	700mA	1375Lm	80%
	A236-13- Ⓞ -2- WT	IP54	10W	4000K	700mA	1400Lm	80%

LED | 220 240 V~ | 01 CRI>90 | L80B10 > 60.000 h



Ⓞ	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | WT RAL 9016 | MATERIAL | AL | PMMA |

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Photography: James Silverman

FOX



		P	CCT	I	Flux	LOR
FOX 1	A217-01- -1- W Z	10,5W	3000K	350mA	1625Lm	74%
	A217-01- -2- W Z	10,5W	4000K	350mA	1650Lm	74%
FOX 2	A217-02- -1- W Z	15,5W	3000K	500mA	2225Lm	74%
	A217-02- -2- W Z	15,5W	4000K	500mA	2250Lm	74%

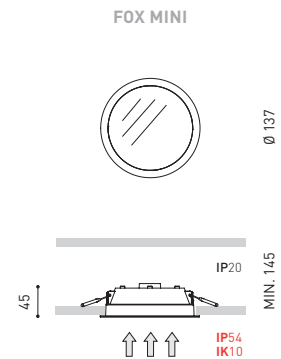
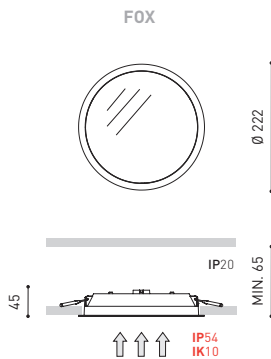
| 220-240 V~ | **01** **IP54** | **IK10** | CRI>90 | L80B10 >60.000h | MacAdam Step 2 | OPTIONS* | CONNEC | INCL | Ø205 | 112°



		P	CCT	I	Flux	LOR
FOX Mini 2	A218-02- -1- W Z	7W	3000K	500mA	1000Lm	66%
	A218-02- -2- W Z	7W	4000K	500mA	1025Lm	66%
FOX Mini 3	A218-03- -1- W Z	10W	3000K	700mA	1300Lm	66%
	A218-03- -2- W Z	10W	4000K	700mA	1325Lm	66%

| 220-240 V~ | **01** **IP54** | **IK10** | CRI>90 | L80B10 >60.000h | MacAdam Step 2 | OPTIONS* | CONNEC | INCL | Ø122 | 111°

	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | W | Z | MATERIAL | PC | PC |

RAL » 365

& » PLEASE CONSULT



Private residence, Vantaa [Finland] | Design: Pieni talo Helsingissä - Studio Kalliomäki - & Petri Hiltula - Kontiutuote Oy | Photography: Konti Log Houses



			P	CCT	I	Flux	LOR
MIX 1	A187-01- ① -1- W Z	IP43	10,5W	3000K	350mA	1650Lm	83%
	A187-01- ① -2- W Z	IP43	10,5W	4000K	350mA	1675Lm	83%
MIX 2	A187-02- ① -1- W Z	IP43	15,5W	3000K	500mA	2275Lm	83%
	A187-02- ① -2- W Z	IP43	15,5W	4000K	500mA	2300Lm	83%
MIX 3	A187-03- ① -1- W Z	IP43	22W	3000K	700mA	3025Lm	83%
	A187-03- ① -2- W Z	IP43	22W	4000K	700mA	3075Lm	83%
MIX 4	A187-04- ① -1- W Z	IP43	27W	3000K	700mA	4050Lm	85%
	A187-04- ① -2- W Z	IP43	27W	4000K	700mA	4100Lm	85%
MIX IP54 1	A187-11- ① -1- W Z	IP54	10,5W	3000K	350mA	1650Lm	83%
	A187-11- ① -2- W Z	IP54	10,5W	4000K	350mA	1675Lm	83%
MIX IP54 2	A187-12- ① -1- W Z	IP54	15,5W	3000K	500mA	2275Lm	83%
	A187-12- ① -2- W Z	IP54	15,5W	4000K	500mA	2300Lm	83%
MIX IP54 3	A187-13- ① -1- W Z	IP54	22W	3000K	700mA	3025Lm	83%
	A187-13- ① -2- W Z	IP54	22W	4000K	700mA	3075Lm	83%
MIX IP54 4	A187-14- ① -1- W Z	IP54	27W	3000K	700mA	4050Lm	85%
	A187-14- ① -2- W Z	IP54	27W	4000K	700mA	4100Lm	85%

LED | 220 V~ | ① | CE | □ | CRI>90 | L80B10 > 60.000 h

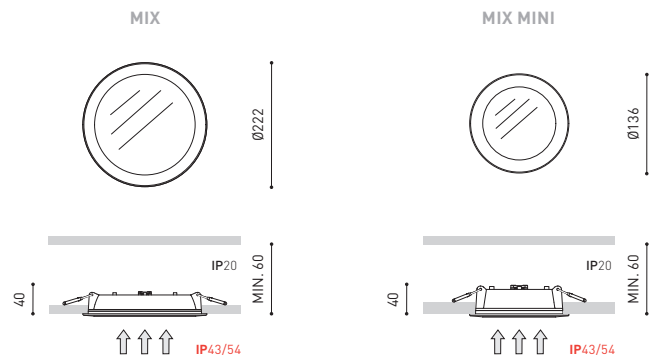


			P	CCT	I	Flux	LOR
MIX Mini 2	A188-02- ① -1- W Z	IP43	7W	3000K	500mA	1050Lm	75%
	A188-02- ① -2- W Z	IP43	7W	4000K	500mA	1075Lm	75%
MIX Mini 3	A188-03- ① -1- W Z	IP43	10W	3000K	700mA	1375Lm	75%
	A188-03- ① -2- W Z	IP43	10W	4000K	700mA	1400Lm	75%
MIX Mini IP54 2	A188-12- ① -1- W Z	IP54	7W	3000K	500mA	1050Lm	75%
	A188-12- ① -2- W Z	IP54	7W	4000K	500mA	1075Lm	75%
MIX Mini IP54 3	A188-13- ① -1- W Z	IP54	10W	3000K	700mA	1375Lm	75%
	A188-13- ① -2- W Z	IP54	10W	4000K	700mA	1400Lm	75%

LED | 220 V~ | ① | CE | □ | CRI>90 | L80B10 > 60.000 h



①	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | W □ RAL 9010 | Z ■ RAL 9006 |

MATERIAL | AL | PMMA |

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» PLEASE CONSULT



Photography: BISimages Architectural Photography

NEOX



		P	CCT	I	Flux	LOR
NEOX	A259-02- -1- W	21W	3000K	700mA	2400Lm	85%
	A259-02- -2- W	21W	4000K	700mA	2525Lm	85%

220
240 V~

IP43

CRI>80

L70B50
>36.000h

MacAdam
Step 4

OPTIONS*

CONNEX

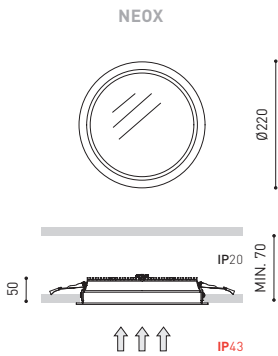
FAST | CONNEX

INCL

Ø205

112°

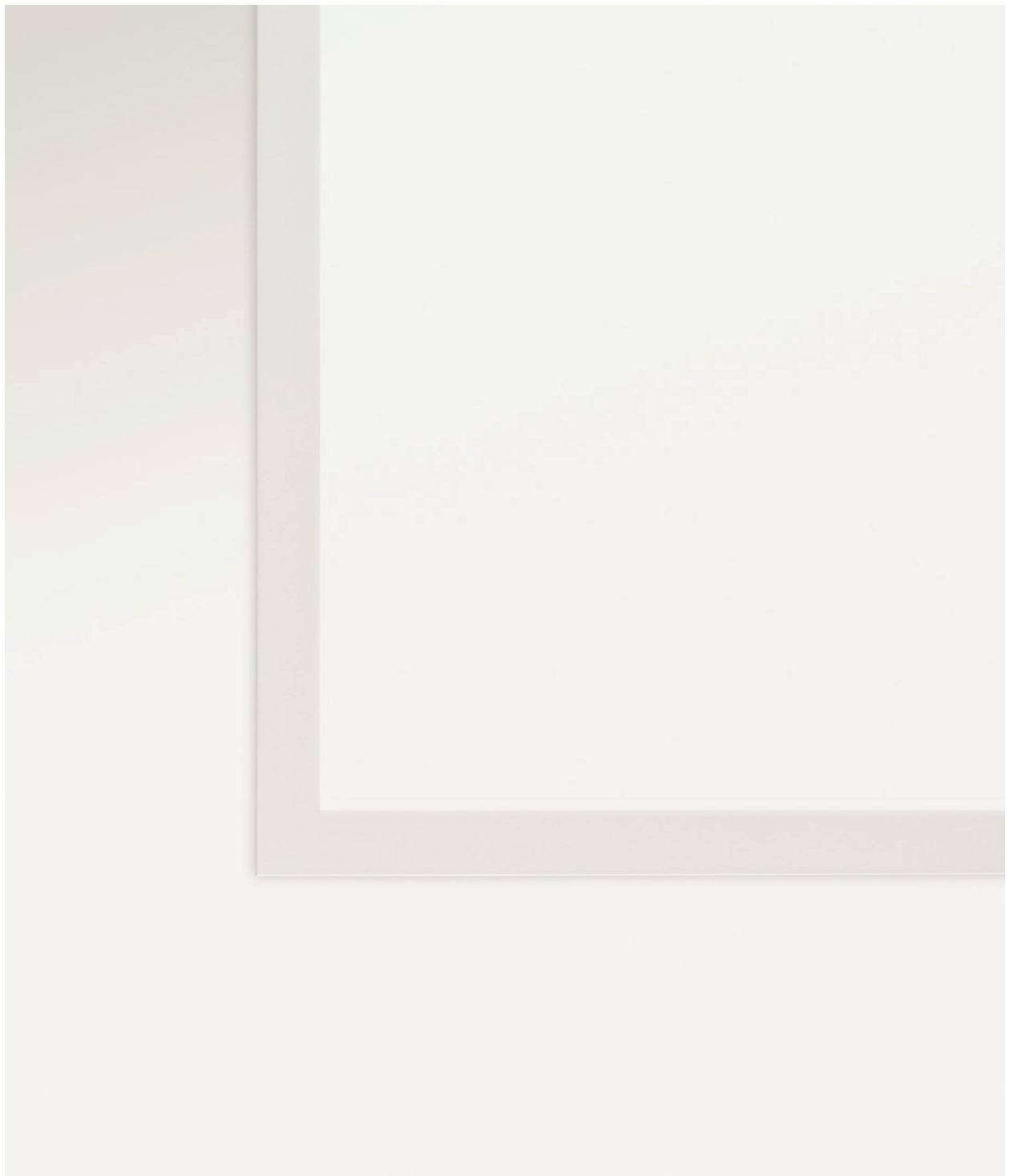
	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | W RAL 9016 | MATERIAL | AL | PMMA |

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OFFICE



		P	CCT	I	Flux	LOR
OFFICE	A211-00-10- W	37W	3000K	700mA	4700Lm	76%
	A211-00-11- W	37W	4000K	700mA	5100Lm	76%
	A211-00-20- W	37W	3000K	700mA	4500Lm	76%
	A211-00-21- W	37W	4000K	700mA	4600Lm	76%

LED

220
240 V~

 IP20

CRI>80

 FAST | CONNEC

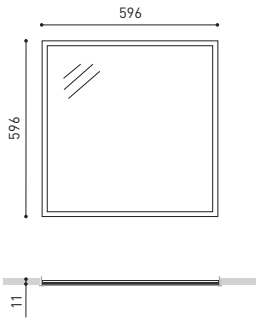
 INCL

 600 X 600

 UGR <19

 113°

OFFICE



COLOUR | W □ RAL 9010 | MATERIAL |  AL |  PC |  » 368

 &  » PLEASE CONSULT



Private residence in San Sebastián - Donostia (Spain) | Design: Ziako Interiorismo | Photography: Luis M. Ambrós

MADISON



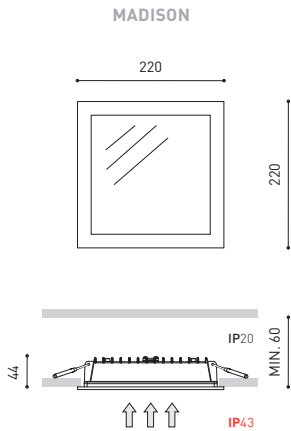
		P	CCT	I	Flux	LOR
MADISON 1	A190-01- -1- W Z	10,5W	3000K	350mA	1650Lm	82%
	A190-01- -2- W Z	10,5W	4000K	350mA	1675Lm	82%
MADISON 2	A190-02- -1- W Z	15,5W	3000K	500mA	2275Lm	82%
	A190-02- -2- W Z	15,5W	4000K	500mA	2300Lm	82%
MADISON 3	A190-03- -1- W Z	22W	3000K	700mA	3025Lm	82%
	A190-03- -2- W Z	22W	4000K	700mA	3075Lm	82%

| 220 V~ | IP43 | CRI>90 | L80B10 >60.000 h

MacAdam Step 2 OPTIONS* CONNEC INCL 205 X 205 100°

*OPTIONS

1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | W RAL 9010 | Z RAL 9006 |

MATERIAL | AL | PMMA |

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& » PLEASE CONSULT



Private Residence, Vantaa [Finland] | Design: Pieni talo Helsingissä: Studio Kalliomäki & Petri Hiltula, Konttoituote Oy | Photography: Kontto Log Houses

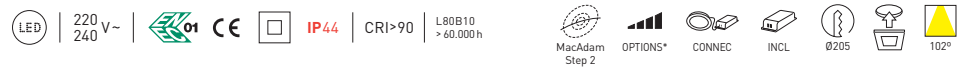
QUAD



		P	CCT	I	Flux	LOR
QUAD 2	A189-02- Ⓢ -1- W Z	15,5W	3000K	500mA	2275Lm	76%
	A189-02- Ⓢ -2- W Z	15,5W	4000K	500mA	2300Lm	76%
QUAD 3	A189-03- Ⓢ -1- W Z	22W	3000K	700mA	3000Lm	76%
	A189-03- Ⓢ -2- W Z	22W	4000K	700mA	3050Lm	76%

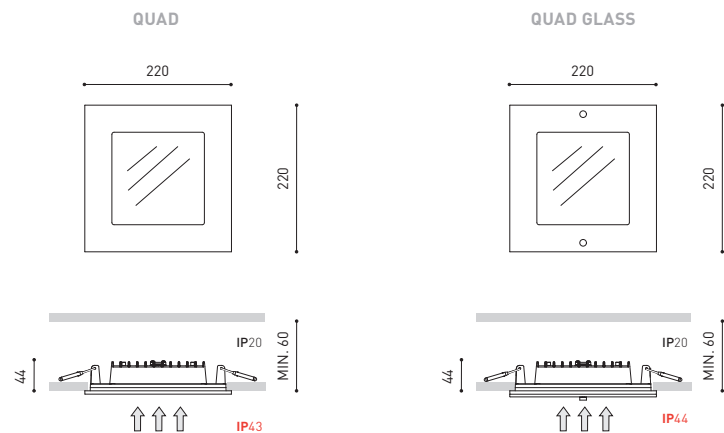


		P	CCT	I	Flux	LOR
QUAD Glass 2	A189-12- Ⓢ -1- W Z	15,5W	3000K	500mA	2275Lm	70%
	A189-12- Ⓢ -2- W Z	15,5W	4000K	500mA	2300Lm	70%
QUAD Glass 3	A189-13- Ⓢ -1- W Z	22W	3000K	700mA	3000Lm	70%
	A189-13- Ⓢ -2- W Z	22W	4000K	700mA	3050Lm	70%



Ⓢ *OPTIONS

1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI





Casa Tangente, Valencia (Spain) | Design: Rubén Muedra - Estudio de Arquitectura | Photography: Adrián Mora Maroto

EXTENDED FAMILY

FIFTY SURFACE_260
FIFTY SUSPENSION_298
FIFTY CUSTOM_318
FIFTY WALL_344

FIFTY



		P	CCT	I	Flux	LOR	L
FIFTY Trimless 90	A289-01- -1- W	15,3W	3000K	600mA	2190Lm	70%	854mm
	A289-01- -2- W	15,3W	4000K	600mA	2250Lm	70%	854mm
FIFTY Trimless 120	A289-02- -1- W	20,4W	3000K	600mA	2920Lm	70%	1138mm
	A289-02- -2- W	20,4W	4000K	600mA	3000Lm	70%	1138mm
FIFTY Trimless 150	A289-03- -1- W	25,5W	3000K	600mA	3650Lm	70%	1422mm
	A289-03- -2- W	25,5W	4000K	600mA	3750Lm	70%	1422mm
FIFTY Trimless 300	A289-04- -1- W	51W	3000K	600mA	7300Lm	70%	2842mm
	A289-04- -2- W	51W	4000K	600mA	7500Lm	70%	2842mm

		P	CCT	I	Flux	LOR	L
FIFTY H0 Trimless 90	A299-01- -1- W	23,1W	3000K	900mA	3225Lm	70%	854mm
	A299-01- -2- W	23,1W	4000K	900mA	3300Lm	70%	854mm
FIFTY H0 Trimless 120	A299-02- -1- W	30,8W	3000K	900mA	4300Lm	70%	1138mm
	A299-02- -2- W	30,8W	4000K	900mA	4400Lm	70%	1138mm
FIFTY H0 Trimless 150	A299-03- -1- W	38,5W	3000K	900mA	5375Lm	70%	1422mm
	A299-03- -2- W	38,5W	4000K	900mA	5500Lm	70%	1422mm
FIFTY H0 Trimless 300	A299-04- -1- W	77W	3000K	900mA	10750Lm	70%	2842mm
	A299-04- -2- W	77W	4000K	900mA	11000Lm	70%	2842mm

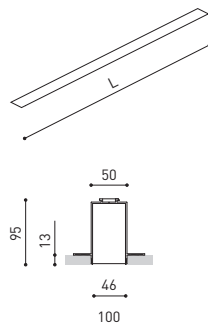
| 220 V~ | IP20 | CRI>90 | L80B10 >60.000 h



*OPTIONS

1	No DIM
2	DIM Push / DALI

FIFTY TRIMLESS



MOUNTING ACCESSORIES

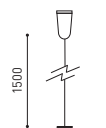
FIFTY Track Clamp Kit A219-21-20- | B |

FIFTY Flush Ceiling Kit A219-22-06- | B |

FIFTY Track Clamp Kit for M6 ROD A219-21-21- | B |

FIFTY Suspension Kit A219-21-10- | B |

At least 2 units needed. Extra unit each 120 cm. required



COLOUR | W RAL 9016 | B RAL 9016 |

MATERIAL | AL | PC |

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RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

» PLEASE CONSULT



		P	CCT	I	Flux	LOR		L
FIFTY Recessed 90	A231-01-  -1- WT NT 	15,3W	3000K	600mA	2190Lm	70%	864 x 58mm	880mm
	A231-01-  -2- WT NT 	15,3W	4000K	600mA	2250Lm	70%	864 x 58mm	880mm
FIFTY Recessed 120	A231-02-  -1- WT NT 	20,4W	3000K	600mA	2920Lm	70%	1148 x 58mm	1164mm
	A231-02-  -2- WT NT 	20,4W	4000K	600mA	3000Lm	70%	1148 x 58mm	1164mm
FIFTY Recessed 150	A231-03-  -1- WT NT 	25,5W	3000K	600mA	3650Lm	70%	1432 x 58mm	1448mm
	A231-03-  -2- WT NT 	25,5W	4000K	600mA	3750Lm	70%	1432 x 58mm	1448mm
FIFTY Recessed 300	A231-04-  -1- WT NT 	51W	3000K	600mA	7300Lm	70%	2852 x 58mm	2868mm
	A231-04-  -2- WT NT 	51W	4000K	600mA	7500Lm	70%	2852 x 58mm	2868mm

		P	CCT	I	Flux	LOR		L
FIFTY H0 Recessed 90	A291-01-  -1- WT NT 	23,1W	3000K	900mA	3225Lm	70%	864 x 58mm	880mm
	A291-01-  -2- WT NT 	23,1W	4000K	900mA	3300Lm	70%	864 x 58mm	880mm
FIFTY H0 Recessed 120	A291-02-  -1- WT NT 	30,8W	3000K	900mA	4300Lm	70%	1148 x 58mm	1164mm
	A291-02-  -2- WT NT 	30,8W	4000K	900mA	4400Lm	70%	1148 x 58mm	1164mm
FIFTY H0 Recessed 150	A291-03-  -1- WT NT 	38,5W	3000K	900mA	5375Lm	70%	1432 x 58mm	1448mm
	A291-03-  -2- WT NT 	38,5W	4000K	900mA	5500Lm	70%	1432 x 58mm	1448mm
FIFTY H0 Recessed 300	A291-04-  -1- WT NT 	77W	3000K	900mA	10750Lm	70%	2852 x 58mm	2868mm
	A291-04-  -2- WT NT 	77W	4000K	900mA	11000Lm	70%	2852 x 58mm	2868mm

 | 220 V~ |   IP20 | CRI>90 | L80B10 > 60.000 h

 MacAdam Step 2

 OPTIONS*

 INCL. DIFFUSER

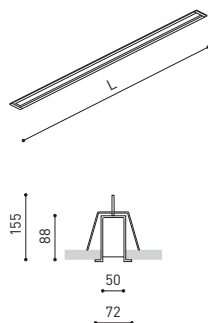
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 102°

 *OPTIONS

1	No DIM
2	DIM Push / DALI

FIFTY RECESSED



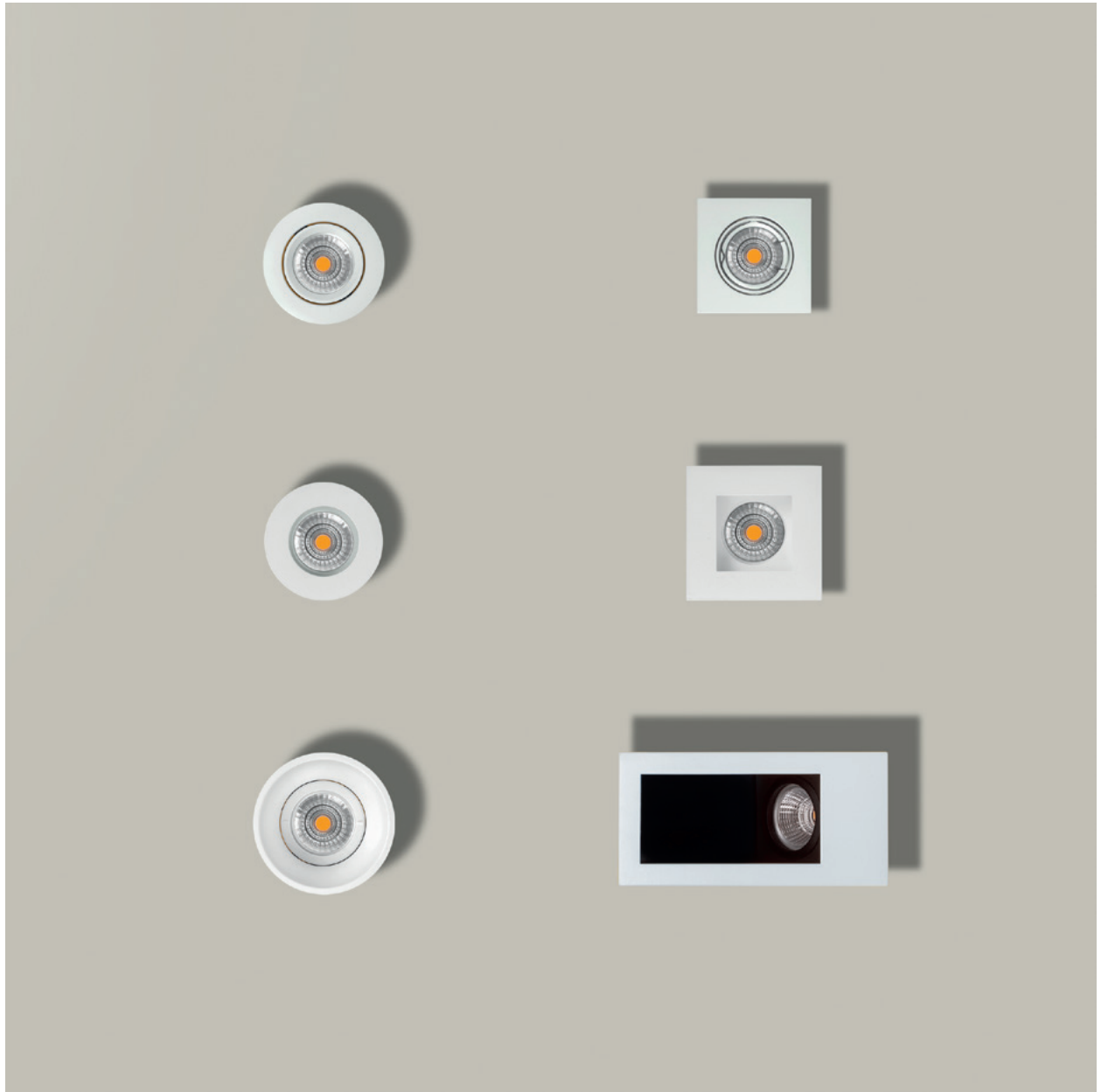
COLOUR | WT  RAL 9016 | NT  RAL 9005 |

MATERIAL |  AL |  PC |

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 » PLEASE CONSULT





ESSENTIALS

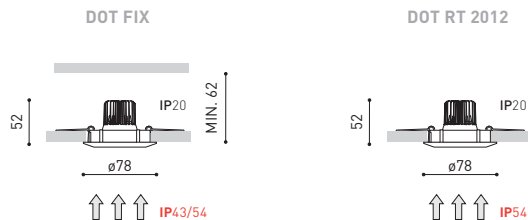


				P	IP	CCT	I	Flux	LOR
DOT Fix	A061-01-10-	W NS		5W	IP43	2700K	140mA	700Lm	92%
	A061-01-11-	W NS		5W	IP43	3000K	140mA	730Lm	92%
	A061-01-12-	W NS		5W	IP43	4000K	140mA	750Lm	92%
	A061-02- ① -0-	W NS		7,5W	IP43	2700K	200mA	950Lm	92%
	A061-02- ① -1-	W NS		7,5W	IP43	3000K	200mA	1000Lm	92%
	A061-02- ① -2-	W NS		7,5W	IP43	4000K	200mA	1030Lm	92%
DOT Fix IP54	A067-01-10-	W NS		5W	IP54	2700K	140mA	700Lm	75%
	A067-01-11-	W NS		5W	IP54	3000K	140mA	730Lm	75%
	A067-01-12-	W NS		5W	IP54	4000K	140mA	750Lm	75%
	A067-02- ① -0-	W NS		7,5W	IP54	2700K	200mA	950Lm	75%
	A067-02- ① -1-	W NS		7,5W	IP54	3000K	200mA	1000Lm	75%
	A067-02- ① -2-	W NS		7,5W	IP54	4000K	200mA	1030Lm	75%



①	*OPTIONS
1	No DIM
2	DIM Phase Cut
3	DIM DALI Push

Spéciale France Only France				P	IP	CCT	I	Flux	LOR
	A302-01-10-	W NS		5W	IP54	2700K	140mA	700Lm	75%
	A302-01-11-	W NS		5W	IP54	3000K	140mA	730Lm	75%
	A302-01-12-	W NS		5W	IP54	4000K	140mA	750Lm	75%



ESSENTIALS
DOT

COLOUR | W □ RAL 9016 | NS ■ | MATERIAL | AL

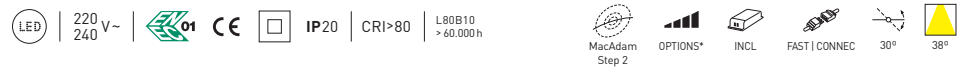
* OTHER DIM OPTIONS PLEASE CONSULT

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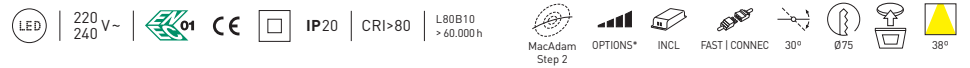
» PLEASE CONSULT



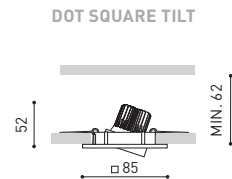
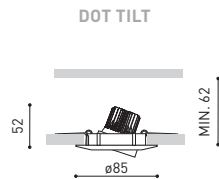
				P	CCT	I	Flux	LOR
DOT Tilt 	A063-01-10-	W NS		5W	2700K	140mA	700Lm	92%
	A063-01-11-	W NS		5W	3000K	140mA	730Lm	92%
	A063-01-12-	W NS		5W	4000K	140mA	750Lm	92%
	A063-02- 0-0-	W NS		7,5W	2700K	200mA	950Lm	92%
	A063-02- 0-1-	W NS		7,5W	3000K	200mA	1000Lm	92%
	A063-02- 0-2-	W NS		7,5W	4000K	200mA	1030Lm	92%
DOT Tilt 68 	A081-01-10-	W NS		5W	2700K	140mA	700Lm	92%
	A081-01-11-	W NS		5W	3000K	140mA	730Lm	92%
	A081-01-12-	W NS		5W	4000K	140mA	750Lm	92%
	A081-02- 0-0-	W NS		7,5W	2700K	200mA	950Lm	92%
	A081-02- 0-1-	W NS		7,5W	3000K	200mA	1000Lm	92%
	A081-02- 0-2-	W NS		7,5W	4000K	200mA	1030Lm	92%



				P	CCT	I	Flux	LOR
DOT Square Tilt	A065-01-10-	W NS		5W	2700K	140mA	700Lm	92%
	A065-01-11-	W NS		5W	3000K	140mA	730Lm	92%
	A065-01-12-	W NS		5W	4000K	140mA	750Lm	92%
	A065-02- 0-0-	W NS		7,5W	2700K	200mA	950Lm	92%
	A065-02- 0-1-	W NS		7,5W	3000K	200mA	1000Lm	92%
	A065-02- 0-2-	W NS		7,5W	4000K	200mA	1030Lm	92%



⌘	*OPTIONS
1	No DIM
2	DIM Phase Cut
3	DIM DALI Push



ESSENTIALS
DOT

COLOUR | W □ RAL 9016 | NS ■ | MATERIAL | AL

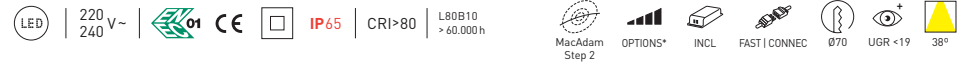
* OTHER DIM OPTIONS PLEASE CONSULT

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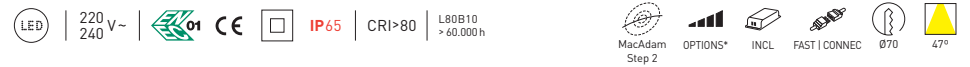
» PLEASE CONSULT



				P	CCT	I	Flux	LOR
BATH	A155-01-10-	W Q		5W	2700K	140mA	700Lm	75%
	A155-01-11-	W Q		5W	3000K	140mA	730Lm	75%
	A155-01-12-	W Q		5W	4000K	140mA	750Lm	75%
	A155-02- 0-0-	W Q		7,5W	2700K	200mA	950Lm	75%
	A155-02- 0-1-	W Q		7,5W	3000K	200mA	1000Lm	75%
GL-TRANS	A155-02- 0-2-	W Q		7,5W	4000K	200mA	1030Lm	75%



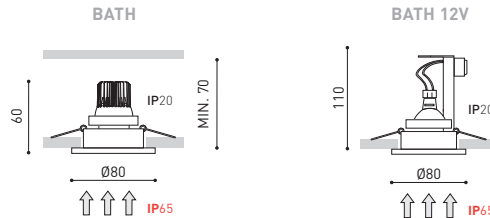
				P	CCT	I	Flux	LOR
BATH Matt	A155-11-10-	W Q		5W	2700K	140mA	700Lm	64%
	A155-11-11-	W Q		5W	3000K	140mA	730Lm	64%
	A155-11-12-	W Q		5W	4000K	140mA	750Lm	64%
	A155-12- 0-0-	W Q		7,5W	2700K	200mA	950Lm	64%
	A155-12- 0-1-	W Q		7,5W	3000K	200mA	1000Lm	64%
GL-MATT	A155-12- 0-2-	W Q		7,5W	4000K	200mA	1030Lm	64%



0	*OPTIONS
1	No DIM
2	DIM Phase Cut



				P
BATH 12V	0350-00-00-	W Q	GL-MATT	MAX 50W



ESSENTIALS

BATH

COLOUR | W □ RAL 9016 | Q ■ | MATERIAL | AL |

* OTHER DIM OPTIONS PLEASE CONSULT

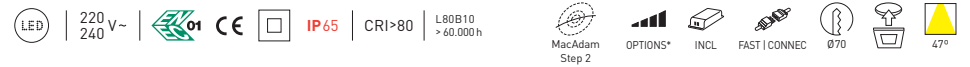
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» PLEASE CONSULT



				P	CCT	I	Flux	LOR
BATH Square	A157-01-10-	W Q		5W	2700K	140mA	700Lm	75%
	A157-01-11-	W Q		5W	3000K	140mA	730Lm	75%
	A157-01-12-	W Q		5W	4000K	140mA	750Lm	75%
	A157-02- ② -0-	W Q		7,5W	2700K	200mA	950Lm	75%
	A157-02- ② -1-	W Q		7,5W	3000K	200mA	1000Lm	75%
GL-TRANS	A157-02- ② -2-	W Q		7,5W	4000K	200mA	1030Lm	75%



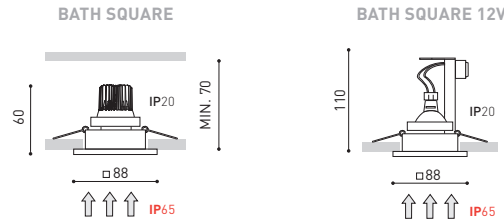
				P	CCT	I	Flux	LOR
BATH Square Matt	A157-11-10-	W Q		5W	2700K	140mA	700Lm	64%
	A157-11-11-	W Q		5W	3000K	140mA	730Lm	64%
	A157-11-12-	W Q		5W	4000K	140mA	750Lm	64%
	A157-12- ② -0-	W Q		7,5W	2700K	200mA	950Lm	64%
	A157-12- ② -1-	W Q		7,5W	3000K	200mA	1000Lm	64%
GL-MATT	A157-12- ② -2-	W Q		7,5W	4000K	200mA	1030Lm	64%



②	*OPTIONS
1	No DIM
2	DIM Phase Cut



				P
BATH Square 12V	0351-00-00-	W Q	GL-MATT	MAX 50W



ESSENTIALS
BATH

COLOUR | W □ RAL 9016 | Q ■ | MATERIAL | AL

* OTHER DIM OPTIONS PLEASE CONSULT

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Bluetooth & Battery » PLEASE CONSULT





Ⓢ	*OPTIONS
1	No DIM
2	DIM Phase Cut



Ⓢ	*OPTIONS
1	No DIM
2	DIM Phase Cut

			P	CCT	I	Flux	LOR
GAP	A171-01-10-	W	5W	2700K	140mA	700Lm	80%
	A171-01-11-	W	5W	3000K	140mA	730Lm	80%
	A171-01-12-	W	5W	4000K	140mA	750Lm	80%
	A171-02- Ⓢ -0-	W	7,5W	2700K	200mA	950Lm	80%
	A171-02- Ⓢ -1-	W	7,5W	3000K	200mA	1000Lm	80%
	A171-02- Ⓢ -2-	W	7,5W	4000K	200mA	1030Lm	80%

LED	220 240 V~	CE	IP20	CRI>80	L80B10 > 60.000 h	MacAdam Step 2	OPTIONS*	INCL	FAST I CONNEC	Ø90	UGR <19	38°
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P

GAP 12V	0354-00-00-	W										MAX 50W
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GX5.3	12V	CE	III	IP20				EXCL	Ø90			
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P

GAP 230V	0355-00-00-	W										MAX 50W
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GZ10	220 240 V~	CE	IP20							Ø90		
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			P	CCT	I	Flux	LOR
GAP Asymmetric	A173-01-10-	W	5W	2700K	140mA	700Lm	78%
	A173-01-11-	W	5W	3000K	140mA	730Lm	78%
	A173-01-12-	W	5W	4000K	140mA	750Lm	78%
	A173-02- Ⓢ -0-	W	7,5W	2700K	200mA	950Lm	78%
	A173-02- Ⓢ -1-	W	7,5W	3000K	200mA	1000Lm	78%
	A173-02- Ⓢ -2-	W	7,5W	4000K	200mA	1030Lm	78%

LED	220 240 V~	CE	IP20	CRI>80	L80B10 > 60.000 h	MacAdam Step 2	OPTIONS*	INCL	FAST I CONNEC	Ø90	50°
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P

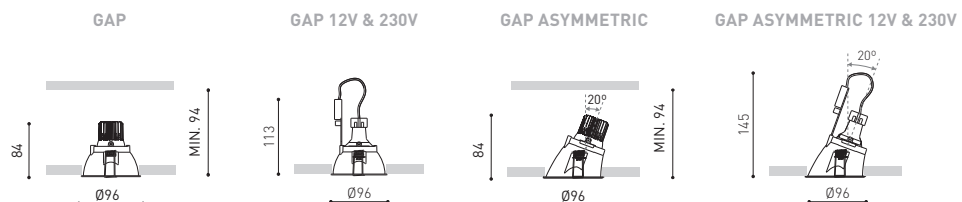
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GX5.3	12V	CE	III	IP20				EXCL	Ø90			
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GAP Asymmetric 230V	A182-01-01-	W										MAX 50W
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GZ10	220 240 V~	CE	IP20							Ø90		
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ESSENTIALS

GAP

COLOUR | W □ RAL 9016 | MATERIAL | AL

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* OTHER DIM OPTIONS PLEASE CONSULT

» PLEASE CONSULT



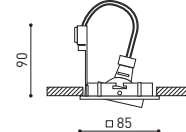
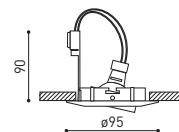
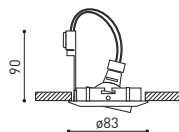
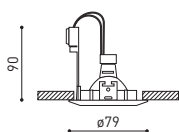
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BASIC Fix 12V	
0037-01-01- W NS Q	
MAX 50W	
    IP20	
  	
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BASIC Fix 230V	
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MAX 50W	
 220 240 V~   IP20	
 	
P	
BASIC Tilt 12V	
0038-01-01- W NS Q	
MAX 50W	
    IP20	
   	
P	
BASIC Tilt 230V	
0338-01-01- W NS Q	
MAX 50W	
 220 240 V~   IP20	
  	
P	
BASIC Tilt Extra 12V	
0321-01-01- W NS Q	
MAX 50W	
    IP20	
   	
P	
BASIC Tilt Extra 230V	
0325-01-01- W NS Q	
MAX 50W	
 220 240 V~   IP20	
  	
P	
BASIC Square Tilt 12V	
A243-00-00- W NS	
MAX 50W	
    IP20	
    	
P	
BASIC Square Tilt 230V	
A244-00-00- W NS	
MAX 50W	
 220 240 V~   IP20	
   	

BASIC FIX

BASIC TILT

BASIC TILT EXTRA

BASIC SQUARE TILT



ESSENTIALS
BASIC

COLOUR | W RAL 9016 | NS | Q | MATERIAL | AL

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Ⓢ *OPTIONS

1	No DIM
2	DIM Phase Cut

			P	CCT	I	Flux	LOR
WIN	A111-01-10-	W	5W	2700K	140mA	700Lm	71%
	A111-01-11-	W	5W	3000K	140mA	730Lm	71%
	A111-01-12-	W	5W	4000K	140mA	750Lm	71%
	A111-02- Ⓢ -0-	W	7,5W	2700K	200mA	950Lm	71%
	A111-02- Ⓢ -1-	W	7,5W	3000K	200mA	1000Lm	71%
	A111-02- Ⓢ -2-	W	7,5W	4000K	200mA	1030Lm	71%

LED	220 240 V~	CE	IP20	CRI>80	L80B10 > 60.000 h	MacAdam Step 2	OPTIONS*	INCL	FAST CONNEC	15°	Ø85	38°
P												

WIN 12V	0300-00-00-	W	MAX 50W									
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GXS 3	12V	CE	IP20	EXCL	15°	Ø85	P					
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WIN 230V	0302-00-00-	W	MAX 50W									
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GZ10	220 240 V~	CE	IP20	15°	Ø85	P						
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Ⓢ *OPTIONS

1	No DIM
2	DIM Phase Cut

			P	CCT	I	Flux	LOR
WIN IP44	A113-01-10-	W	5W	2700K	140mA	700Lm	66%
	A113-01-11-	W	5W	3000K	140mA	730Lm	66%
	A113-01-12-	W	5W	4000K	140mA	750Lm	66%
	A113-02- Ⓢ -0-	W	7,5W	2700K	200mA	950Lm	66%
	A113-02- Ⓢ -1-	W	7,5W	3000K	200mA	1000Lm	66%
	A113-02- Ⓢ -2-	W	7,5W	4000K	200mA	1030Lm	66%

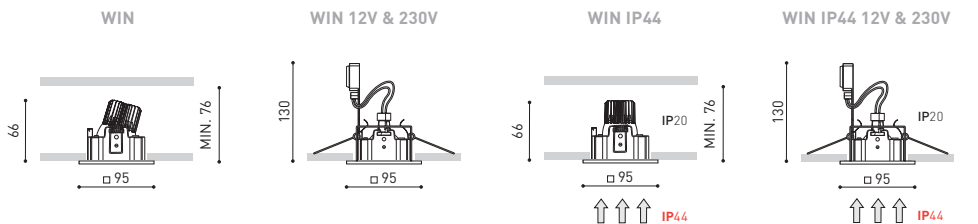
LED	220 240 V~	CE	IP44	CRI>80	L80B10 > 60.000 h	MacAdam Step 2	OPTIONS*	INCL	FAST CONNEC	Ø85	50°
P											

WIN IP44 12V	0301-00-00-	W	GL-MATT	MAX 50W								
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GXS 3	12V	CE	IP44	EXCL	Ø85	P						
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WIN IP44 230V	0331-00-00-	W	GL-MATT	MAX 50W								
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GZ10	220 240 V~	CE	IP44	Ø85	P							
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ESSENTIALS

WIN

COLOUR | W □ RAL 9016 | MATERIAL | AL

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* OTHER DIM OPTIONS PLEASE CONSULT

» PLEASE CONSULT



			P	CCT	I	Flux	LOR
SECRET Tilt	A227-01-10-	W	5W	2700K	140mA	700Lm	71%
	A227-01-11-	W	5W	3000K	140mA	730Lm	71%
	A227-01-12-	W	5W	4000K	140mA	750Lm	71%
	A227-02- 0-0-	W	7,5W	2700K	200mA	950Lm	71%
	A227-02- 0-1-	W	7,5W	3000K	200mA	1000Lm	71%
	A227-02- 0-2-	W	7,5W	4000K	200mA	1030Lm	71%



			P	CCT	I	Flux	LOR
SECRET Wall Washer	A228-01-10-	W	5W	2700K	140mA	700Lm	78%
	A228-01-11-	W	5W	3000K	140mA	730Lm	78%
	A228-01-12-	W	5W	4000K	140mA	750Lm	78%
	A228-02- 0-0-	W	7,5W	2700K	200mA	950Lm	78%
	A228-02- 0-1-	W	7,5W	3000K	200mA	1000Lm	78%
	A228-02- 0-2-	W	7,5W	4000K	200mA	1030Lm	78%

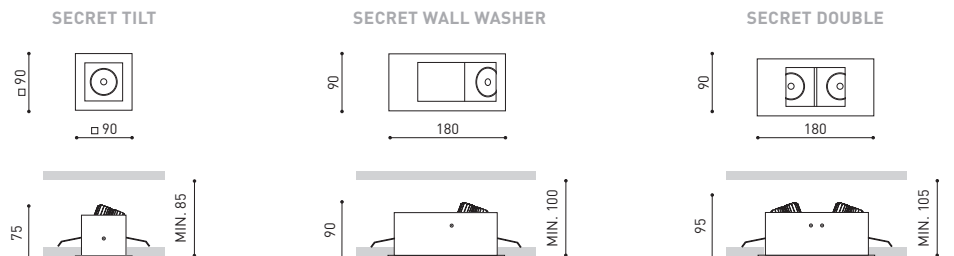


			P	CCT	I	Flux	LOR
SECRET Double	A229-01-10-	W	2 X 5W	2700K	140mA	2 X 700Lm	76%
	A229-01-11-	W	2 X 5W	3000K	140mA	2 X 730Lm	76%
	A229-01-12-	W	2 X 5W	4000K	140mA	2 X 750Lm	76%
	A229-02- 0-0-	W	2 X 7,5W	2700K	200mA	2 X 950Lm	76%
	A229-02- 0-1-	W	2 X 7,5W	3000K	200mA	2 X 1000Lm	76%
	A229-02- 0-2-	W	2 X 7,5W	4000K	200mA	2 X 1030Lm	76%



00 *OPTIONS

1	No DIM
2	DIM Phase Cut



ESSENTIALS
SECRET

COLOUR | W □ RAL 9016 | MATERIAL | AL

» 368

* OTHER DIM OPTIONS PLEASE CONSULT

» PLEASE CONSULT



Peydro Herrero - Odontología Avanzada, Valencia (Spain) | Design: Francesc Rifé Studio | Photography: David Zarzoso - Fotografía de arquitectura



POP UP



						P	CCT	Beam	I	Flux	LOR
POP UP	A278-2-	Ø -10-	WT	NT		6,5W	2700K	20°	700mA	610Lm	92%
	A278-2-	Ø -11-	WT	NT		6,5W	3000K	20°	700mA	640Lm	92%
	A278-2-	Ø -12-	WT	NT		6,5W	4000K	20°	700mA	660Lm	92%
	A278-2-	Ø -20-	WT	NT		6,5W	2700K	30°	700mA	610Lm	89%
	A278-2-	Ø -21-	WT	NT		6,5W	3000K	30°	700mA	640Lm	89%
	A278-2-	Ø -22-	WT	NT		6,5W	4000K	30°	700mA	660Lm	89%
	A278-2-	Ø -30-	WT	NT		6,5W	2700K	56°	700mA	610Lm	86%
	A278-2-	Ø -31-	WT	NT		6,5W	3000K	56°	700mA	640Lm	86%
	A278-2-	Ø -32-	WT	NT		6,5W	4000K	56°	700mA	660Lm	86%

220 V~ | IP20 | CRI>90 | L80B10 >60.000 h | MacAdam Step 2 | OPTIONS* | CONNEC | INCL | 355° | 90° | Ø79 | 20° / 30° / 56°

Ø	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI

ACCESSORIES

NOT SOLD SEPARATELY

POP UP High Chromatic LED**

» 366

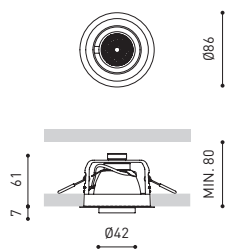
POP UP Beam Mixer Diffuser** 0805-01-00



POP UP Anti-glare Honeycomb Louver** 0806-00-00 | WT | NT |



POP UP



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | PC | » 368

** AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT







Valencia on the Rocks, Valencia (Spain) | Photography: Héctor Rubio - Images Positive

HIDDEN



		P	CCT	I	Flux	LOR
HIDDEN 1	A200-11-00-1-01 WT NT	12W	3000K	350mA	1600Lm	90%
	A200-11-00-2-01 WT NT	12W	4000K	350mA	1625Lm	90%
HIDDEN 2	A200-21-00-1-01 WT NT	17W	3000K	500mA	2100Lm	90%
	A200-21-00-2-01 WT NT	17W	4000K	500mA	2140Lm	90%
PHASE CUT *	A200-22-00-1-01 WT NT	17W	3000K	500mA	2100Lm	90%
	A200-22-00-2-01 WT NT	17W	4000K	500mA	2140Lm	90%

(LED) | 220-240 V~ | | | IP20 | CRI>90 | L80B10 >60.000h | MacAdam Step 2 | INCL | CONNEC | Ø152 | 340° | 90° | 16° / 24° / 42°

Ø	BEAM OPTIONS
1	16°
2	24°
3	42°

ACCESSORIES

NOT SOLD SEPARATELY

HIDDEN Anti-glare Honeycomb Louver** 0702-02-00



HIDDEN Elliptical Refractor** 0700-08-00



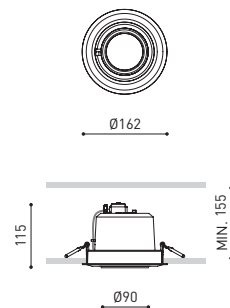
HIDDEN Beam Mixer Diffuser** 0805-02-00



HIDDEN High Chromatic LED**



» 366



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | GL-TRANS | » 368

OTHER CCT PLEASE CONSULT | * DIM OPTIONS PLEASE CONSULT | ** AFFECTS THE LIGHTING PARAMETERS

& » PLEASE CONSULT



Photography: Jesús Granada - Fotografía de Arquitectura

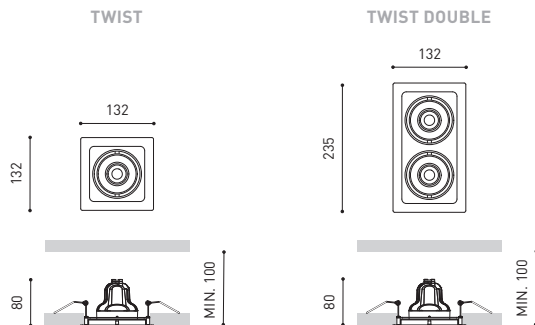
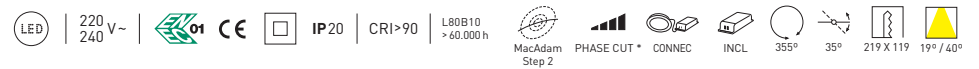
TWIST



					P	CCT	Beam	I	Flux	LOR
TWIST 1	A204-12-10-	WT	NT		7W	2700K	19°	200mA	900Lm	92%
	A204-12-11-	WT	NT		7W	3000K	19°	200mA	930Lm	92%
	A204-12-12-	WT	NT		7W	4000K	19°	200mA	950Lm	92%
	A204-12-20-	WT	NT		7W	2700K	40°	200mA	900Lm	86%
	A204-12-21-	WT	NT		7W	3000K	40°	200mA	930Lm	86%
	A204-12-22-	WT	NT		7W	4000K	40°	200mA	950Lm	86%
TWIST 2	A204-32-10-	WT	NT		10,5W	2700K	19°	300mA	1270Lm	92%
	A204-32-11-	WT	NT		10,5W	3000K	19°	300mA	1320Lm	92%
	A204-32-12-	WT	NT		10,5W	4000K	19°	300mA	1340Lm	92%
	A204-32-20-	WT	NT		10,5W	2700K	40°	300mA	1270Lm	86%
	A204-32-21-	WT	NT		10,5W	3000K	40°	300mA	1320Lm	86%
	A204-32-22-	WT	NT		10,5W	4000K	40°	300mA	1340Lm	86%



					P	CCT	Beam	I	Flux	LOR
TWIST Double 1	A204-22-10-	WT	NT		2 X 7W	2700K	19°	200mA	2 X 900Lm	92%
	A204-22-11-	WT	NT		2 X 7W	3000K	19°	200mA	2 X 930Lm	92%
	A204-22-12-	WT	NT		2 X 7W	4000K	19°	200mA	2 X 950Lm	92%
	A204-22-20-	WT	NT		2 X 7W	2700K	40°	200mA	2 X 900Lm	86%
	A204-22-21-	WT	NT		2 X 7W	3000K	40°	200mA	2 X 930Lm	86%
	A204-22-22-	WT	NT		2 X 7W	4000K	40°	200mA	2 X 950Lm	86%
TWIST Double 2	A204-42-10-	WT	NT		2 X 10,5W	2700K	19°	300mA	2 X 1270Lm	92%
	A204-42-11-	WT	NT		2 X 10,5W	3000K	19°	300mA	2 X 1320Lm	92%
	A204-42-12-	WT	NT		2 X 10,5W	4000K	19°	300mA	2 X 1340Lm	92%
	A204-42-20-	WT	NT		2 X 10,5W	2700K	40°	300mA	2 X 1270Lm	86%
	A204-42-21-	WT	NT		2 X 10,5W	3000K	40°	300mA	2 X 1320Lm	86%
	A204-42-22-	WT	NT		2 X 10,5W	4000K	40°	300mA	2 X 1340Lm	86%



ACCESSORY

TWIST High Chromatic LED**

NOT SOLD SEPARATELY



i » 366

COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL

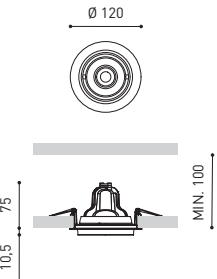
i » 368

* OTHER DIM OPTIONS PLEASE CONSULT | ** AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



					P	CCT	Beam	I	Flux	LOR
TWIST Round 1	A215-12-10-	WT	NT		7W	2700K	19°	200mA	900Lm	92%
	A215-12-11-	WT	NT		7W	3000K	19°	200mA	930Lm	92%
	A215-12-12-	WT	NT		7W	4000K	19°	200mA	950Lm	92%
	A215-12-20-	WT	NT		7W	2700K	40°	200mA	900Lm	86%
	A215-12-21-	WT	NT		7W	3000K	40°	200mA	930Lm	86%
	A215-12-22-	WT	NT		7W	4000K	40°	200mA	950Lm	86%
TWIST Round 2	A215-22-10-	WT	NT		10,5W	2700K	19°	300mA	1270Lm	92%
	A215-22-11-	WT	NT		10,5W	3000K	19°	300mA	1320Lm	92%
	A215-22-12-	WT	NT		10,5W	4000K	19°	300mA	1340Lm	92%
	A215-22-20-	WT	NT		10,5W	2700K	40°	300mA	1270Lm	86%
	A215-22-21-	WT	NT		10,5W	3000K	40°	300mA	1320Lm	86%
	A215-22-22-	WT	NT		10,5W	4000K	40°	300mA	1340Lm	86%



ACCESSORY

TWIST High Chromatic LED**

NOT SOLD SEPARATELY



COLOUR | WT ☐ RAL 9016 | NT ☒ RAL 9005 | MATERIAL | ☒ AL |

i » 368

* OTHER DIM OPTIONS PLEASE CONSULT | ** AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



Photography: DoubleSpace Photography



Kungla tee 33, Tallin (Estonia) | Design: Arhitektibüroo Nagel | Development: Treasure Capital | Photography: Erlend Staub

EXTENDED FAMILY

ORBITAL SURFACE_246

ORBITAL



P			
ORBITAL 1 Lark-111 A010-11-01- W N Z			
MAX 1 X 12W			
 LARK-111 EXCL* 220 V~ 240    IP20    			



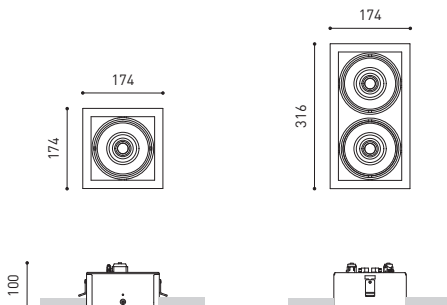
P			
ORBITAL 1 QR-111 A010-01-01- W N Z			
MAX 1 X 75W			
 QR-111 EXCL G53    IP20    			



P			
ORBITAL 2 Lark-111 A010-12-01- W N Z			
MAX 2 X 12W			
 LARK-111 EXCL* 220 V~ 240    IP20    			

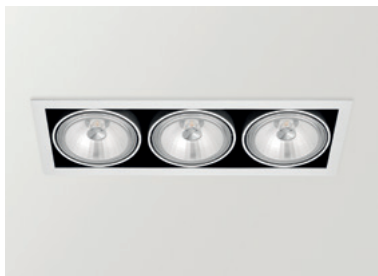


P			
ORBITAL 2 QR-111 A010-02-01- W N Z			
MAX 2 X 75W			
 QR-111 EXCL G53    IP20    			



COLOUR W  RAL 9016 N  RAL 9005 Z  RAL 9006			
MATERIAL  AL			

 &  » PLEASE CONSULT



P

ORBITAL 3 Lark-111 A010-13-05- | W | N | Z |

MAX 3 X 12W



P

ORBITAL 3 QR-111	A010-03-05-	W	N	Z
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MAX 3 X 75W



P

ORBITAL 4 Lark-111	A010-14-01-	W	N	Z
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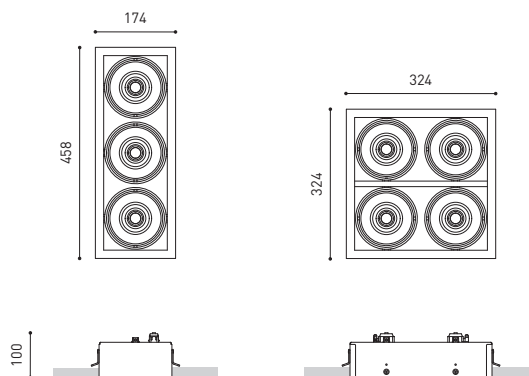
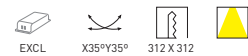
MAX 4 X 12W



P

ORBITAL 4 QR-111	A010-04-01-	W	N	Z
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MAX 4 X 75W



COLOUR | W RAL 9016 | N RAL 9005 | Z RAL 9006

MATERIAL | AL |

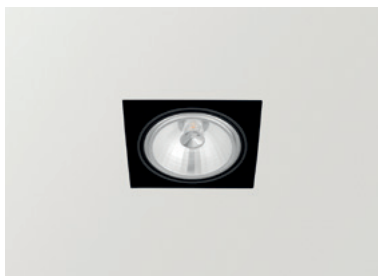
i » 368

  &  » PLEASE CONSULT





Casa Tangente, Valencia (Spain) | Design: Rubén Muedra - Estudio de Arquitectura | Photography: Adrián Mora Maroto



P

ORBITAL Trimless 1 LarK-111

A010-11-03-	W	N	Z
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MAX 1 X 12W

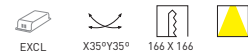


P

ORBITAL Trimless 1 QR-111

A010-01-03-	W	N	Z
-------------	---	---	---

MAX 1 X 75W

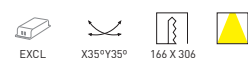


P

ORBITAL Trimless 2 LarK-111

A010-12-03-	W	N	Z
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MAX 2 X 12W

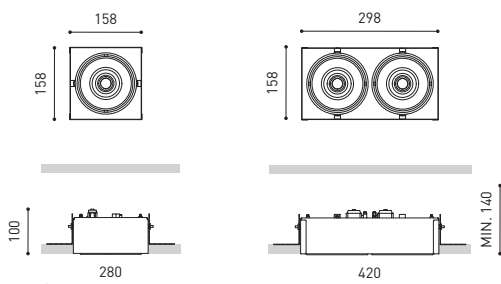
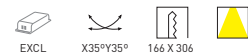


P

ORBITAL Trimless 2 QR-111

A010-02-03-	W	N	Z
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MAX 2 X 75W



COLOUR | W RAL 9016 | N RAL 9005 | Z RAL 9006

MATERIAL |  AL |

i » 368

TRIMLESS MOUNTING » 362

 & » PLEASE CONSULT

CEILING RECESSED

143



ORBITAL Trimless 3 Lark-111			A010-13-06- W N Z			MAX 3 X 12W		
	LARK-111 EXCL*		220 240 V~				IP20	 EXCL  X35°Y35°  166 X 450 



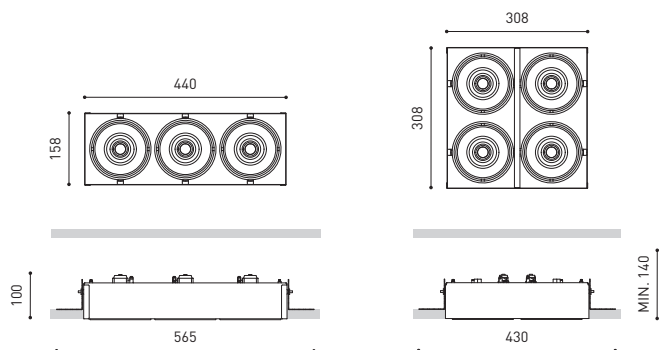
ORBITAL Trimless 3 QR-111			A010-03-06- W N Z			MAX 3 X 75W		
	QR-111 EXCL		653				IP20	 EXCL  X35°Y35°  166 X 450 



ORBITAL Trimless 4 Lark-111			A010-14-02- W N Z			MAX 4 X 12W		
	LARK-111 EXCL*		220 240 V~				IP20	 EXCL  X35°Y35°  316 X 316 



ORBITAL Trimless 4 QR-111			A010-04-02- W N Z			MAX 4 X 75W		
	QR-111 EXCL		653				IP20	 EXCL  X35°Y35°  316 X 316 



COLOUR W  RAL 9016 N  RAL 9005 Z  RAL 9006			MATERIAL  AL			 » 368		
TRIMLESS MOUNTING » 362						 &  » PLEASE CONSULT		



Casa JVC. Private Residence, Bocairent (Spain) | Design: Low-Fi Studio Arquitetura + Disseny

*LAMP OPTIONS

*LAMP OPTIONS							P	CCT	Beam	I	Flux	Flux Out	LOR
LarK-111	 » 354	A25  -10-10- W N Z	6,5W	2700K	19°	200mA	900Lm	828Lm	92%				
		A25  -10-11- W N Z	6,5W	3000K	19°	200mA	940Lm	865Lm	92%				
		A25  -10-12- W N Z	6,5W	4000K	19°	200mA	950Lm	874Lm	92%				
		A25  -10-20- W N Z	6,5W	2700K	40°	200mA	900Lm	774Lm	86%				
		A25  -10-21- W N Z	6,5W	3000K	40°	200mA	940Lm	808Lm	86%				
	 PHASE CUT**	A25  -10-22- W N Z	6,5W	4000K	40°	200mA	950Lm	817Lm	86%				
		A25  -20-10- W N Z	12W	2700K	19°	350mA	1440Lm	1325Lm	92%				
		A25  -20-11- W N Z	12W	3000K	19°	350mA	1500Lm	1380Lm	92%				
		A25  -20-12- W N Z	12W	4000K	19°	350mA	1520Lm	1398Lm	92%				
		A25  -20-20- W N Z	12W	2700K	40°	350mA	1440Lm	1238Lm	86%				
 PHASE CUT**	A25  -20-21- W N Z	12W	3000K	40°	350mA	1500Lm	1290Lm	86%					
	A25  -20-22- W N Z	12W	4000K	40°	350mA	1520Lm	1307Lm	86%					
	A25  -21-10- W N Z	12W	2700K	19°	350mA	1440Lm	1325Lm	92%					
	A25  -21-11- W N Z	12W	3000K	19°	350mA	1500Lm	1380Lm	92%					
	A25  -21-12- W N Z	12W	4000K	19°	350mA	1520Lm	1398Lm	92%					
 DALI I PUSH**	A25  -21-20- W N Z	12W	2700K	40°	350mA	1440Lm	1238Lm	86%					
	A25  -21-21- W N Z	12W	3000K	40°	350mA	1500Lm	1290Lm	86%					
	A25  -21-22- W N Z	12W	4000K	40°	350mA	1520Lm	1307Lm	86%					

LED 220 V~ 240 | CE CRI>90 | L80B10 > 60.000 h



OPTIONS

2	LarK-111
3	LarK-111 Honeycomb***



LarK-111



LarK-111 Honeycomb***

COLOUR | W RAL 9016 | N RAL 9005 | Z RAL 9006 | MATERIAL | AL |

i » 368

** OTHER DIM OPTIONS PLEASE CONSULT | *** AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



Singularu Shop, Valencia (Spain) | Design: Huuun Design Consulting | Photography: Héctor Rubio - Images Positive



ORBITAL MINI 1 Lark A196-11-00- | W | N | Z | **MAX 1 X 7,5W**

LARK | EXCL* | 220/240 V~ | 01 | | IP20 | EXCL | X30°Y30° | 113 X 113 |

ORBITAL MINI 1 12V A196-12-00- | W | N | Z | **MAX 1 X 50W**

GX53 | 12V | | IP20 | EXCL | X30°Y30° | 113 X 113 |

ORBITAL MINI 1 230V A196-13-00- | W | N | Z | **MAX 1 X 50W**

GZ10 | 220/240 V~ | | IP20 | X30°Y30° | 113 X 113 |



ORBITAL MINI 2 Lark A196-21-00- | W | N | Z | **MAX 2 X 7,5W**

LARK | EXCL* | 220/240 V~ | 01 | | IP20 | EXCL | X30°Y30° | 113 X 204 |

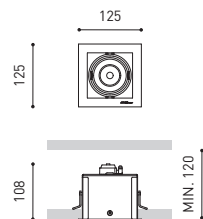
ORBITAL MINI 2 12V A196-22-00- | W | N | Z | **MAX 2 X 50W**

GX53 | 12V | | IP20 | EXCL | X30°Y30° | 113 X 204 |

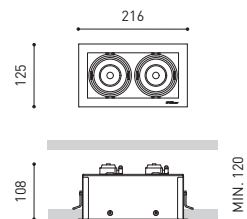
ORBITAL MINI 2 230V A196-23-00- | W | N | Z | **MAX 2 X 50W**

GZ10 | 220/240 V~ | | IP20 | X30°Y30° | 113 X 204 |

ORBITAL MINI 1



ORBITAL MINI 2



COLOUR | W RAL 9016 | N RAL 9005 | Z RAL 9006 |

MATERIAL | AL |

» 368

& » PLEASE CONSULT



P

ORBITAL MINI 3 Lark A196-31-00- | W | N | Z | MAX 3 X 7,5W

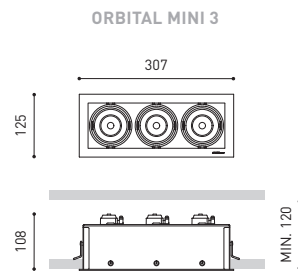
LARK | EXCL* 220 240 V~ | 01 CE IP20 EXCL X30°Y30° 113 X 295

ORBITAL MINI 3 12V A196-32-00- | W | N | Z | MAX 3 X 50W

GXS3 12V CE III IP20 EXCL X30°Y30° 113 X 295

ORBITAL MINI 3 230V A196-33-00- | W | N | Z | MAX 3 X 50W

GZ10 220 240 V~ CE IP20 X30°Y30° 113 X 295



*LAMP OPTIONS		P	CCT	I	Flux	Flux Out	LOR
Lark i » 356	0434-00-96	5W	2700K	140mA	700Lm	644Lm	92%
	0434-00-05	5W	3000K	140mA	730Lm	672Lm	92%
	0434-00-19	5W	4000K	140mA	750Lm	690Lm	92%
PHASE CUT**	0434-01-02	7,5W	2700K	200mA	950Lm	874Lm	92%
	0434-00-09	7,5W	3000K	200mA	1000Lm	920Lm	92%
	0434-00-17	7,5W	4000K	200mA	1030Lm	948Lm	92%
	0434-01-03	7,5W	2700K	200mA	950Lm	874Lm	92%
	0434-00-15	7,5W	3000K	200mA	1000Lm	920Lm	92%
	0434-00-18	7,5W	4000K	200mA	1030Lm	948Lm	92%
	0434-01-04	7,5W	2700K	200mA	950Lm	874Lm	92%
	0434-01-05	7,5W	3000K	200mA	1000Lm	920Lm	92%
	0434-01-06	7,5W	4000K	200mA	1030Lm	948Lm	92%
DALI PUSH**							

LED 220 240 V~ CE CRI>80 L80B10 > 60.000 h MacAdam Step 2 INCL FAST | CONNEC 38°

COLOUR | W RAL 9016 | N RAL 9005 | Z RAL 9006 | MATERIAL | AL | i » 368

** OTHER DIM OPTIONS PLEASE CONSULT >>> PLEASE CONSULT





Photography: Iñigo Bujedo-Aguirre Architecture & Interiors

HUBBLE



							P	CCT	I	Flux	LOR			
HUBBLE 1	A276-11-	☉	-1-		WT		NT		16,5W	3000K	500mA	2450Lm	90%	
	A276-11-	☉	-2-		WT		NT		16,5W	4000K	500mA	2475Lm	90%	
HUBBLE 2	A276-21-	☉	-1-		WT		NT		30,5W	3000K	900mA	4050Lm	90%	
	A276-21-	☉	-2-		WT		NT		30,5W	4000K	900mA	4120Lm	90%	
HUBBLE 3	A276-31-	☉	-1-		WT		NT		41W	3000K	1200mA	5000Lm	90%	
	A276-31-	☉	-2-		WT		NT		41W	4000K	1200mA	5100Lm	90%	
		A276-32-	☉	-1-		WT		NT		41W	3000K	1200mA	5000Lm	90%
		A276-32-	☉	-2-		WT		NT		41W	4000K	1200mA	5100Lm	90%
		A276-34-	☉	-1-		WT		NT		41W	3000K	1200mA	5000Lm	90%
		A276-34-	☉	-2-		WT		NT		41W	4000K	1200mA	5100Lm	90%

LED

220 V~
240

 **01** **CE**

 **IP20**

CRI>90

L80B10
> 60.000 h

 MacAdam
Step 2

 CONNEC

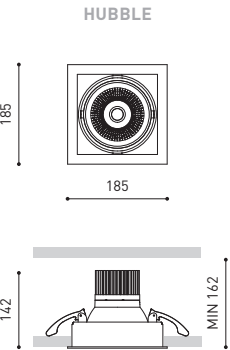
 INCL

 X20°Y20°

 170 X 170

 17° / 28° / 40°

∅	BEAM OPTIONS
1	17°
2	28°
3	40°



ACCESSORIES

NOT SOLD SEPARATELY	
HUBBLE Anti-glare Honeycomb Louver*	0802-02-00
	
HUBBLE Elliptical Refractor*	0802-04-00
	
HUBBLE Beam Mixer Diffuser*	0805-03-00
	
HUBBLE High Chromatic LED*	
	 » 368

COLOUR | WT  RAL 9016 | NT  RAL 9005 | MATERIAL |  AL |  GL-TRANS |  » 368

OTHER CCT PLEASE CONSULT | * AFFECTS THE LIGHTING PARAMETERS  &  » PLEASE CONSULT

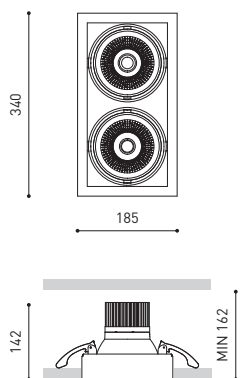


					P	CCT	I	Flux	LOR
HUBBLE Double 1	A277-11-	⊗ -1-	WT	NT	2 X 16,5W	3000K	500mA	2 X 2450Lm	90%
	A277-11-	⊗ -2-	WT	NT	2 X 16,5W	4000K	500mA	2 X 2475Lm	90%
HUBBLE Double 2	A277-21-	⊗ -1-	WT	NT	2 X 30,5W	3000K	900mA	2 X 4050Lm	90%
	A277-21-	⊗ -2-	WT	NT	2 X 30,5W	4000K	900mA	2 X 4120Lm	90%
HUBBLE Double 3	A277-31-	⊗ -1-	WT	NT	2 X 41W	3000K	1200mA	2 X 5000Lm	90%
	A277-31-	⊗ -2-	WT	NT	2 X 41W	4000K	1200mA	2 X 5100Lm	90%
 PUSH	A277-32-	⊗ -1-	WT	NT	2 X 41W	3000K	1200mA	2 X 5000Lm	90%
	A277-32-	⊗ -2-	WT	NT	2 X 41W	4000K	1200mA	2 X 5100Lm	90%
 DALI	A277-34-	⊗ -1-	WT	NT	2 X 41W	3000K	1200mA	2 X 5000Lm	90%
	A277-34-	⊗ -2-	WT	NT	2 X 41W	4000K	1200mA	2 X 5100Lm	90%

LED | 220-240 V~ | IP20 | CRI>90 | L80B10 >60.000 h | MacAdam Step 2 | CONNEC | INCL | X20°Y20° | 325 X 170 | 17° / 28° / 40°

⊗	BEAM OPTIONS
1	17°
2	28°
3	40°

HUBBLE DOUBLE



ACCESSORIES

NOT SOLD SEPARATELY

HUBBLE Anti-glare Honeycomb Louver* 0802-02-00



HUBBLE Elliptical Refractor* 0802-04-00



HUBBLE Beam Mixer Diffuser* 0805-03-00



HUBBLE High Chromatic LED*

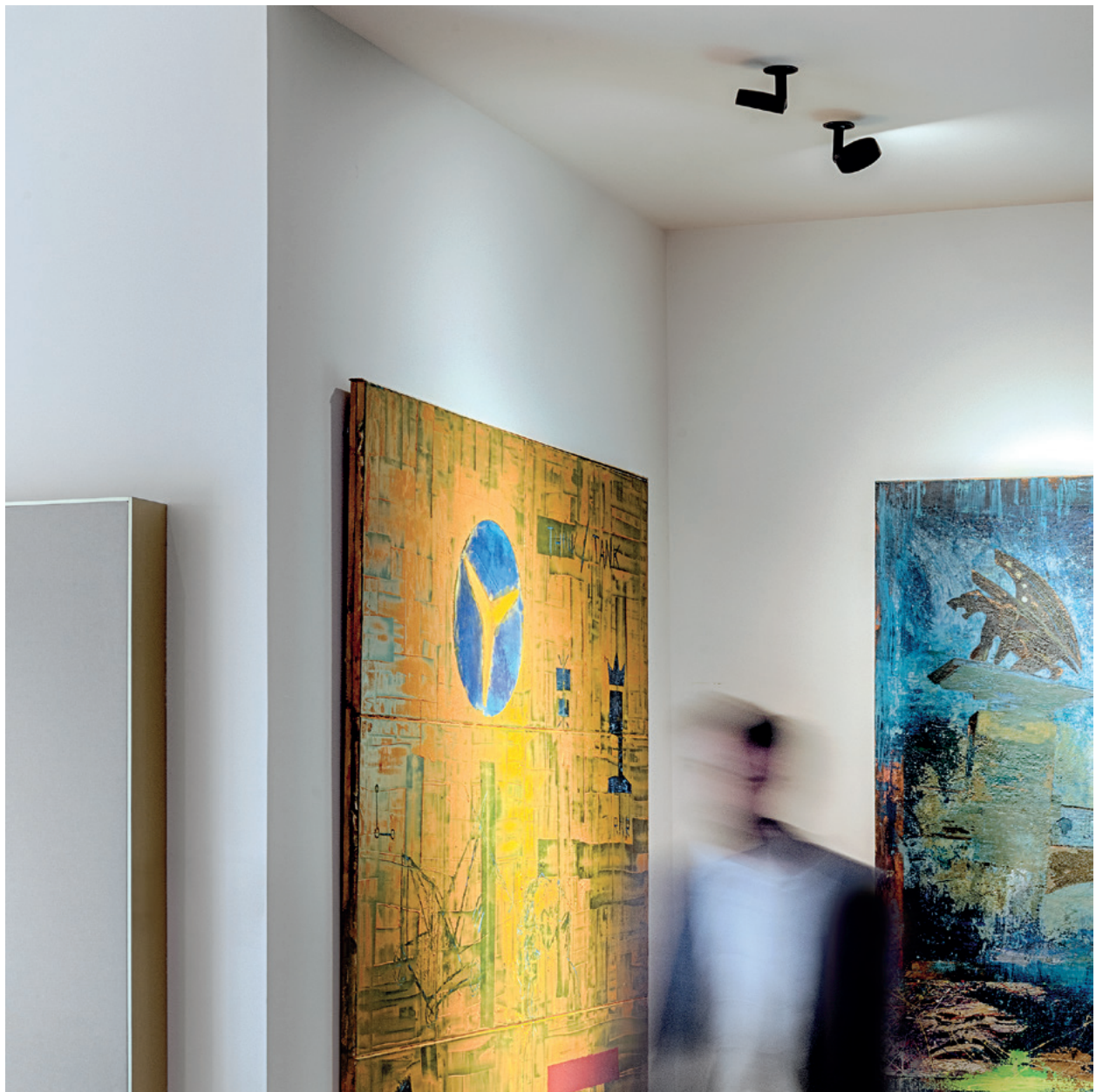


COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | GL-TRANS | » 368

OTHER CCT PLEASE CONSULT | * AFFECTS THE LIGHTING PARAMETERS

& » PLEASE CONSULT





Bang & Olufsen Shop, Valencia (Spain) | Design: Alfredo Monzó | Photography: Héctor Rubio - Images Positive



EXTENDED FAMILY

SIX 48V_168
SIX_210

SIX RECESSED



					P	CCT	Beam	I	Flux	LOR
SIX L Recessed 1	A287-11-10-	WT NT			11,5W	2700K	17°	350mA	1600Lm	93%
	A287-11-11-	WT NT			11,5W	3000K	17°	350mA	1650Lm	93%
	A287-11-12-	WT NT			11,5W	4000K	17°	350mA	1700Lm	93%
	A287-11-30-	WT NT			11,5W	2700K	26°	350mA	1600Lm	93%
	A287-11-31-	WT NT			11,5W	3000K	26°	350mA	1650Lm	93%
	A287-11-32-	WT NT			11,5W	4000K	26°	350mA	1700Lm	93%
	A287-11-20-	WT NT			11,5W	2700K	34°	350mA	1600Lm	90%
	A287-11-21-	WT NT			11,5W	3000K	34°	350mA	1650Lm	90%
	A287-11-22-	WT NT			11,5W	4000K	34°	350mA	1700Lm	90%
SIX L Recessed 2	A287-2- ① -10-	WT NT			24,5W	2700K	17°	700mA	2850Lm	93%
	A287-2- ① -11-	WT NT			24,5W	3000K	17°	700mA	2950Lm	93%
	A287-2- ① -12-	WT NT			24,5W	4000K	17°	700mA	3000Lm	93%
	A287-2- ① -30-	WT NT			24,5W	2700K	26°	700mA	2850Lm	93%
	A287-2- ① -31-	WT NT			24,5W	3000K	26°	700mA	2950Lm	93%
	A287-2- ① -32-	WT NT			24,5W	4000K	26°	700mA	3000Lm	93%
	A287-2- ① -20-	WT NT			24,5W	2700K	34°	700mA	2850Lm	90%
	A287-2- ① -21-	WT NT			24,5W	3000K	34°	700mA	2950Lm	90%
	A287-2- ① -22-	WT NT			24,5W	4000K	34°	700mA	3000Lm	90%

LED | 220 V~ | IP20 | CRI>90 | L80B10 > 60.000 h

MacAdam Step 2 | OPTIONS* | INCL | Ø62 | 350° | 310° | 17° / 26° / 34°

① *OPTIONS

1	No DIM
2	DIM Push
4	DIM DALI

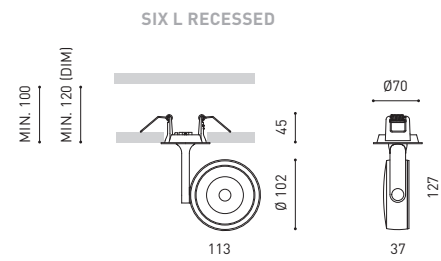
ACCESSORY

SIX L High Chromatic LED**

NOT SOLD SEPARATELY

LED

① » 366



COLOUR | WT RAL 9016 | NT RAL 9005 |

MATERIAL | AL | PC |

① » 368

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

& » PLEASE CONSULT



					P	CCT	Beam	I	Flux	LOR
SIX M Recessed 1	A332-11-10-	WT NT			11,5W	2700K	19°	350mA	1600Lm	93%
	A332-11-11-	WT NT			11,5W	3000K	19°	350mA	1650Lm	93%
	A332-11-12-	WT NT			11,5W	4000K	19°	350mA	1700Lm	93%
	A332-11-20-	WT NT			11,5W	2700K	28°	350mA	1600Lm	91%
	A332-11-21-	WT NT			11,5W	3000K	28°	350mA	1650Lm	91%
	A332-11-22-	WT NT			11,5W	4000K	28°	350mA	1700Lm	91%
	A332-11-30-	WT NT			11,5W	2700K	38°	350mA	1600Lm	93%
	A332-11-31-	WT NT			11,5W	3000K	38°	350mA	1650Lm	93%
	A332-11-32-	WT NT			11,5W	4000K	38°	350mA	1700Lm	93%
SIX M Recessed 2	A332-2- Ⓞ -10-	WT NT			17W	2700K	19°	500mA	2050Lm	93%
	A332-2- Ⓞ -11-	WT NT			17W	3000K	19°	500mA	2130Lm	93%
	A332-2- Ⓞ -12-	WT NT			17W	4000K	19°	500mA	2160Lm	93%
	A332-2- Ⓞ -20-	WT NT			17W	2700K	28°	500mA	2050Lm	91%
	A332-2- Ⓞ -21-	WT NT			17W	3000K	28°	500mA	2130Lm	91%
	A332-2- Ⓞ -22-	WT NT			17W	4000K	28°	500mA	2160Lm	91%
	A332-2- Ⓞ -30-	WT NT			17W	2700K	38°	500mA	2050Lm	93%
	A332-2- Ⓞ -31-	WT NT			17W	3000K	38°	500mA	2130Lm	93%
	A332-2- Ⓞ -32-	WT NT			17W	4000K	38°	500mA	2160Lm	93%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



Ⓞ *OPTIONS

1	No DIM
2	DIM DALI

ACCESSORY

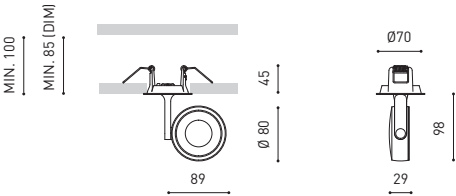
SIX M High Chromatic LED**

NOT SOLD SEPARATELY

LED

i » 366

SIX M RECESSED



Pending

COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

i » 368

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT

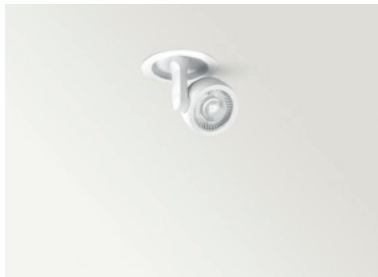




Photography: James Silverman



					P	CCT	Beam	I	Flux	LOR
SIX S Recessed	A334-0-	Ⓞ -10-	WT	NT	8,5W	2700K	17°	500mA	1030Lm	86%
	A334-0-	Ⓞ -11-	WT	NT	8,5W	3000K	17°	500mA	1070Lm	86%
	A334-0-	Ⓞ -12-	WT	NT	8,5W	4000K	17°	500mA	1100Lm	86%
	A334-0-	Ⓞ -20-	WT	NT	8,5W	2700K	24°	500mA	1030Lm	84%
	A334-0-	Ⓞ -21-	WT	NT	8,5W	3000K	24°	500mA	1070Lm	84%
	A334-0-	Ⓞ -22-	WT	NT	8,5W	4000K	24°	500mA	1100Lm	84%
	A334-0-	Ⓞ -30-	WT	NT	8,5W	2700K	34°	500mA	1030Lm	89%
	A334-0-	Ⓞ -31-	WT	NT	8,5W	3000K	34°	500mA	1070Lm	89%
	A334-0-	Ⓞ -32-	WT	NT	8,5W	4000K	34°	500mA	1100Lm	89%



					P	CCT	Beam	I	Flux	LOR
SIX XS Recessed	A336-0-	Ⓞ -10-	WT	NT	4,5W	2700K	17°	500mA	470Lm	90%
	A336-0-	Ⓞ -11-	WT	NT	4,5W	3000K	17°	500mA	500Lm	90%
	A336-0-	Ⓞ -12-	WT	NT	4,5W	4000K	17°	500mA	530Lm	90%
	A336-0-	Ⓞ -20-	WT	NT	4,5W	2700K	23°	500mA	470Lm	86%
	A336-0-	Ⓞ -21-	WT	NT	4,5W	3000K	23°	500mA	500Lm	86%
	A336-0-	Ⓞ -22-	WT	NT	4,5W	4000K	23°	500mA	530Lm	86%
	A336-0-	Ⓞ -30-	WT	NT	4,5W	2700K	34°	500mA	470Lm	88%
	A336-0-	Ⓞ -31-	WT	NT	4,5W	3000K	34°	500mA	500Lm	88%
	A336-0-	Ⓞ -32-	WT	NT	4,5W	4000K	34°	500mA	530Lm	88%

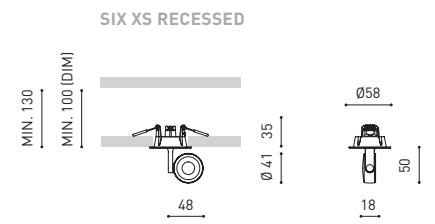
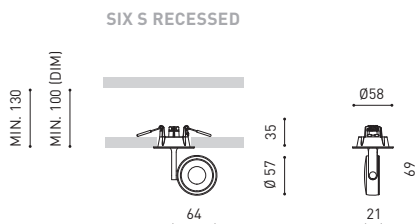


Ⓞ	*OPTIONS
1	No DIM
2	DIM DALI

ACCESSORIES

SIX High Chromatic LED**

NOT SOLD SEPARATELY



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

» 368

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



Photography: Jesús Granada, Fotografía de Arquitectura

EXTENDED FAMILY

FIT 48V_174

FIT_214

FIT RECESSED



					P	CCT	Beam	I	Flux	LOR
FIT Ø50 230V Recessed	A346-2-	Ø -10-	WT	NT	12W	2700K	15°	1050mA	1040Lm	85%
	A346-2-	Ø -11-	WT	NT	12W	3000K	15°	1050mA	1120Lm	85%
	A346-2-	Ø -20-	WT	NT	12W	2700K	28°	1050mA	1040Lm	82%
	A346-2-	Ø -21-	WT	NT	12W	3000K	28°	1050mA	1120Lm	82%
	A346-2-	Ø -30-	WT	NT	12W	2700K	47°	1050mA	1040Lm	80%
	A346-2-	Ø -31-	WT	NT	12W	3000K	47°	1050mA	1120Lm	80%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | OPTIONS* | INCL | Ø62 | 350° | 90° | 15°/28°/47°



					P	CCT	Beam	I	Flux	LOR
FIT Ø35 230V Recessed	A345-2-	Ø -10-	WT	NT	5,5W	2700K	19°	500mA	590Lm	82%
	A345-2-	Ø -11-	WT	NT	5,5W	3000K	19°	500mA	630Lm	82%
	A345-2-	Ø -20-	WT	NT	5,5W	2700K	29°	500mA	590Lm	80%
	A345-2-	Ø -21-	WT	NT	5,5W	3000K	29°	500mA	630Lm	80%
	A345-2-	Ø -30-	WT	NT	5,5W	2700K	38°	500mA	590Lm	80%
	A345-2-	Ø -31-	WT	NT	5,5W	3000K	38°	500mA	630Lm	80%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | OPTIONS* | INCL | Ø50 | 350° | 90° | 19°/29°/38°

Ø	*OPTIONS
1	No DIM
2	DIM DALI

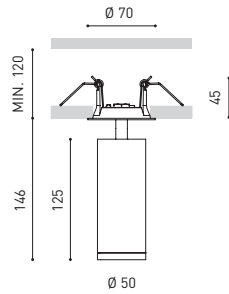
ACCESSORIES

FIT Ø50 Anti-glare Honeycomb Louver **	A346-00-00
FIT Ø35 Anti-glare Honeycomb Louver **	A345-00-00

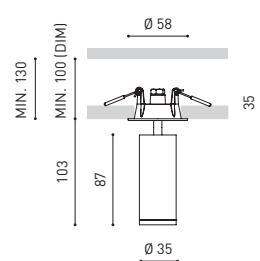
NOT SOLD SEPARATELY



FIT Ø50 RECESSED



FIT Ø35 RECESSED



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC | ⓘ » 368

** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



Photography: BLSimages Architectural Photography

EXTENDED FAMILY

PLUS 48V_182
PLUS MINI 1L_206
PLUS_218

PLUS RECESSED



		P	CCT	Beam	I	Flux	LOR
PLUS Recessed	A325-00- -0- WT NT	18W	2700K	12°-51°	500mA	1920Lm	26-40%
	A325-00- -1- WT NT	18W	3000K	12°-51°	500mA	2000Lm	26-40%
	A325-00- -2- WT NT	18W	4000K	12°-51°	500mA	2030Lm	26-40%

| 220 V~ | IP20 | CRI>90 | L80B10 >60.000h

MacAdam Step 2 OPTIONS* INCL Ø62 350° 180° 12°-51°

*OPTIONS

1	No DIM
2	DIM DALI
3	DIM Push
4	DIM 1-10V

ACCESSORY

PLUS High Chromatic LED**

NOT SOLD SEPARATELY

» 366



		P	CCT	Beam	I	Flux	LOR
PLUS Mini Recessed	A328-00- -0- WT NT	6,5W	2700K	10°-41°	700mA	630Lm	20-40%
	A328-00- -1- WT NT	6,5W	3000K	10°-41°	700mA	660Lm	20-40%
	A328-00- -2- WT NT	6,5W	4000K	10°-41°	700mA	680Lm	20-40%

| 220 V~ | IP20 | CRI>90 | L80B10 >60.000h

MacAdam Step 2 OPTIONS* INCL Ø50 350° 180° 10°-41°

*OPTIONS

1	No DIM
2	DIM DALI

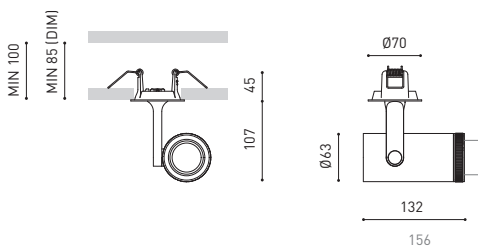
ACCESSORY

PLUS MINI High Chromatic LED**

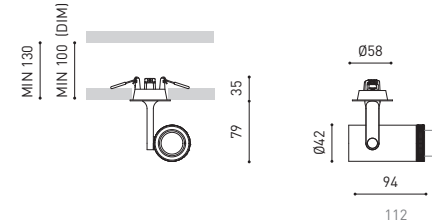
NOT SOLD SEPARATELY

» 366

PLUS RECESSED



PLUS MINI RECESSED

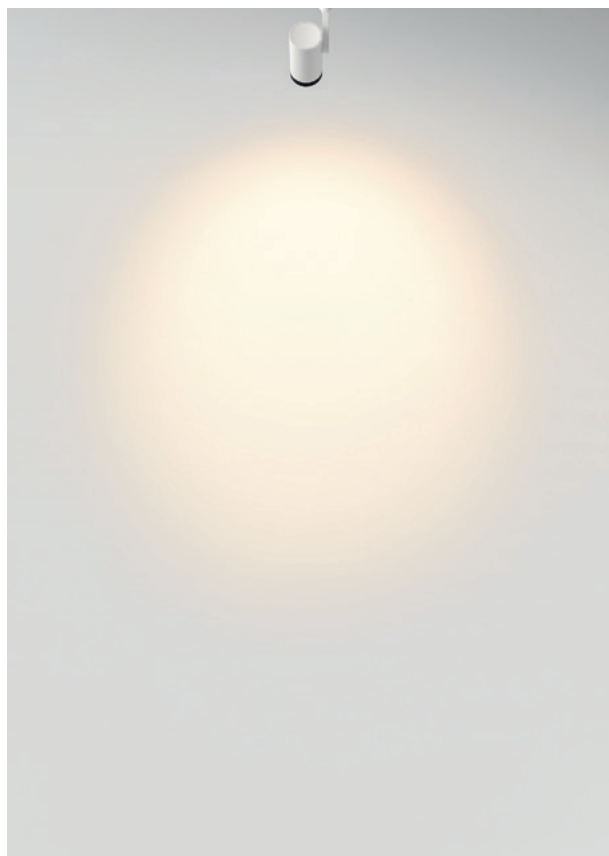
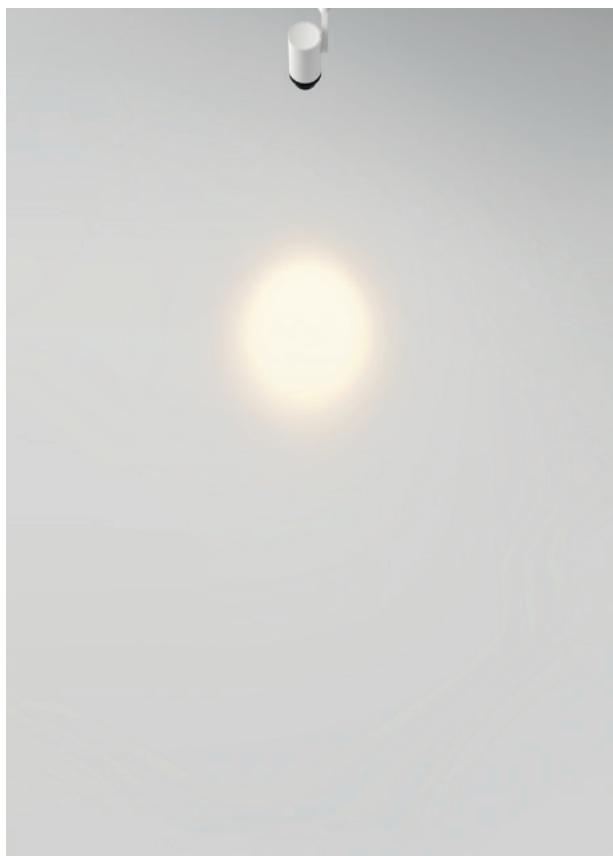


COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | OPTICAL PMMA |

» 368

** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

& » PLEASE CONSULT



Gracias a las lentes de Plus -y su regulador focal-, se puede ajustar fácilmente la amplitud del haz de luz con un suave movimiento manual.

Owing to the Plus lens -and its focal regulator-, the opening of the light beam can be easily adjusted through a gentle manual movement.

Grâce aux lentilles de Plus - et son régulateur -, il est possible d'ajuster facilement l'amplitude du faisceau de lumière avec un simple mouvement manuel.

Grazie all'obiettivo el Plus - e al suo regolatore focale - la larghezza del fascio può essere facilmente regolata con un delicato movimento manuale.

Dank der Plus-Objektive und des Fokusreglers können Sie die Abstrahlwinkel mit einer leichten manuellen Bewegung einstellen.



CEILING
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SUSPENSION_268
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FIT 48V
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PLUS 48V
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IO 48V
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ZEN TUBE 48V
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LINE 48V
190



TOP 48V
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HOLLY 48V
194



SPIN 48V
196



IO
204



PLUS MINI 1L
206



SIX
210



FIT
214



PLUS
218



ZEN
220



ZEN TUBE
222



THOR
224



EXTENDED FAMILY

SIX RECESSED_154
SIX_210

SIX 48V



						P	CCT	Beam	I	Flux	LOR
SIX L 48V	A329-0-	Ⓢ -10-	WT	NT		24,5W	2700K	17°	700mA	2850Lm	93%
	A329-0-	Ⓢ -11-	WT	NT		24,5W	3000K	17°	700mA	2950Lm	93%
	A329-0-	Ⓢ -12-	WT	NT		24,5W	4000K	17°	700mA	3000Lm	93%
	A329-0-	Ⓢ -30-	WT	NT		24,5W	2700K	26°	700mA	2850Lm	93%
	A329-0-	Ⓢ -31-	WT	NT		24,5W	3000K	26°	700mA	2950Lm	93%
	A329-0-	Ⓢ -32-	WT	NT		24,5W	4000K	26°	700mA	3000Lm	93%
	A329-0-	Ⓢ -20-	WT	NT		24,5W	2700K	34°	700mA	2850Lm	90%
	A329-0-	Ⓢ -21-	WT	NT		24,5W	3000K	34°	700mA	2950Lm	90%
	A329-0-	Ⓢ -22-	WT	NT		24,5W	4000K	34°	700mA	3000Lm	90%

LED | 48 V | CE | IP20 | CRI>90 | L80B10 >60.000h



						P	CCT	Beam	I	Flux	LOR
SIX M 48V	A330-0-	Ⓢ -10-	WT	NT		17W	2700K	19°	500mA	2050Lm	93%
	A330-0-	Ⓢ -11-	WT	NT		17W	3000K	19°	500mA	2130Lm	93%
	A330-0-	Ⓢ -12-	WT	NT		17W	4000K	19°	500mA	2160Lm	93%
	A330-0-	Ⓢ -20-	WT	NT		17W	2700K	28°	500mA	2050Lm	91%
	A330-0-	Ⓢ -21-	WT	NT		17W	3000K	28°	500mA	2130Lm	91%
	A330-0-	Ⓢ -22-	WT	NT		17W	4000K	28°	500mA	2160Lm	91%
	A330-0-	Ⓢ -30-	WT	NT		17W	2700K	38°	500mA	2050Lm	93%
	A330-0-	Ⓢ -31-	WT	NT		17W	3000K	38°	500mA	2130Lm	93%
	A330-0-	Ⓢ -32-	WT	NT		17W	4000K	38°	500mA	2160Lm	93%

LED | 48 V | CE | IP20 | CRI>90 | L80B10 >60.000h



Ⓢ *OPTIONS

1	No DIM
2	DIM DALI

ACCESSORIES

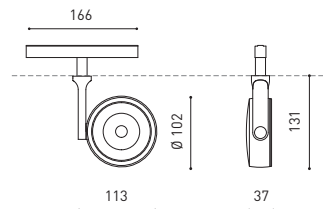
SIX L High Chromatic LED**

SIX M High Chromatic LED**

NOT SOLD SEPARATELY

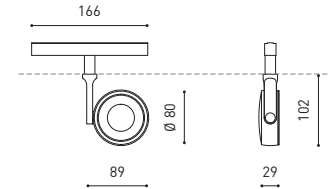
LED ⓘ » 366

SIX L 48V



VISIBLE LIMIT

SIX M 48V



Pending

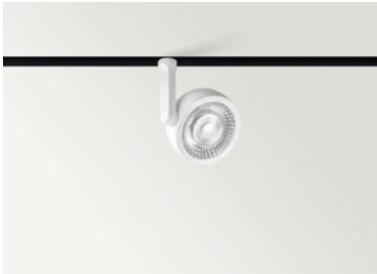
COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

TRACK 48V ⓘ » 198

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

ⓘ » PLEASE CONSULT



						P	CCT	Beam	I	Flux	LOR
SIX S 48V	A333-0-	Ⓢ -10-	WT	NT		8,5W	2700K	17°	500mA	1030Lm	86%
	A333-0-	Ⓢ -11-	WT	NT		8,5W	3000K	17°	500mA	1070Lm	86%
	A333-0-	Ⓢ -12-	WT	NT		8,5W	4000K	17°	500mA	1100Lm	86%
	A333-0-	Ⓢ -20-	WT	NT		8,5W	2700K	24°	500mA	1030Lm	84%
	A333-0-	Ⓢ -21-	WT	NT		8,5W	3000K	24°	500mA	1070Lm	84%
	A333-0-	Ⓢ -22-	WT	NT		8,5W	4000K	24°	500mA	1100Lm	84%
	A333-0-	Ⓢ -30-	WT	NT		8,5W	2700K	34°	500mA	1030Lm	89%
	A333-0-	Ⓢ -31-	WT	NT		8,5W	3000K	34°	500mA	1070Lm	89%
	A333-0-	Ⓢ -32-	WT	NT		8,5W	4000K	34°	500mA	1100Lm	89%

LED | 48 V | CE | III | IP20 | CRI>90 | L80B10 > 60.000 h



MacAdam Step 2



OPTIONS*



INCL



TRACK 48V



360°



310°



17° / 24° / 34°

Ⓢ *OPTIONS

1	No DIM
2	DIM DALI

ACCESSORY

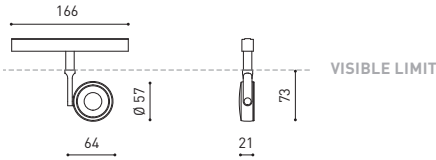
SIX S High Chromatic LED**

NOT SOLD SEPARATELY



i » 366

SIX S 48V



Pending

COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

TRACK 48V i » 198

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT





						P	CCT	Beam	I	Flux	LOR
SIX XS 48V	A335-0-	⊗ -10-	WT	NT		4,5W	2700K	17°	500mA	470Lm	90%
	A335-0-	⊗ -11-	WT	NT		4,5W	3000K	17°	500mA	500Lm	90%
	A335-0-	⊗ -12-	WT	NT		4,5W	4000K	17°	500mA	530Lm	90%
	A335-0-	⊗ -20-	WT	NT		4,5W	2700K	23°	500mA	470Lm	86%
	A335-0-	⊗ -21-	WT	NT		4,5W	3000K	23°	500mA	500Lm	86%
	A335-0-	⊗ -22-	WT	NT		4,5W	4000K	23°	500mA	530Lm	86%
	A335-0-	⊗ -30-	WT	NT		4,5W	2700K	34°	500mA	470Lm	88%
	A335-0-	⊗ -31-	WT	NT		4,5W	3000K	34°	500mA	500Lm	88%
	A335-0-	⊗ -32-	WT	NT		4,5W	4000K	34°	500mA	530Lm	88%

LED | 48 V | CE | III | IP20 | CRI>90 | L80B10 >60.000h



						P	CCT	Beam	I	Flux	LOR
SIX XS 48V Double	A335-1-	⊗ -10-	WT	NT		9W	2700K	17°	500mA	2 X 470Lm	90%
	A335-1-	⊗ -11-	WT	NT		9W	3000K	17°	500mA	2 X 500Lm	90%
	A335-1-	⊗ -12-	WT	NT		9W	4000K	17°	500mA	2 X 530Lm	90%
	A335-1-	⊗ -20-	WT	NT		9W	2700K	23°	500mA	2 X 470Lm	86%
	A335-1-	⊗ -21-	WT	NT		9W	3000K	23°	500mA	2 X 500Lm	86%
	A335-1-	⊗ -22-	WT	NT		9W	4000K	23°	500mA	2 X 530Lm	86%
	A335-1-	⊗ -30-	WT	NT		9W	2700K	34°	500mA	2 X 470Lm	88%
	A335-1-	⊗ -31-	WT	NT		9W	3000K	34°	500mA	2 X 500Lm	88%
	A335-1-	⊗ -32-	WT	NT		9W	4000K	34°	500mA	2 X 530Lm	88%

LED | 48 V | CE | III | IP20 | CRI>90 | L80B10 >60.000h



⊗ *OPTIONS

1	No DIM
2	DIM DALI

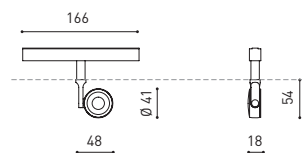
ACCESSORY

SIX XS High Chromatic LED**

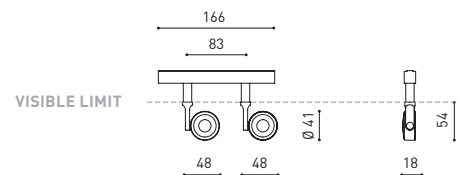
NOT SOLD SEPARATELY



SIX XS 48V



SIX XS 48V DOUBLE



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

TRACK 48V ⓘ >> 198

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

ⓘ >> PLEASE CONSULT





Kekomo, Elda (Spain) | Design: Pablo Muñoz Payá Arquitectos | Photography: Jesús Granada - Fotografía de Arquitectura

EXTENDED FAMILY

FIT RECESSED_160
FIT_214

FIT 48V



					P	CCT	Beam	I	Flux	LOR
FIT Ø50 48V	A346-0-	Ⓞ -10-	WT	NT	12W	2700K	15°	1050mA	1040Lm	85%
	A346-0-	Ⓞ -11-	WT	NT	12W	3000K	15°	1050mA	1120Lm	85%
	A346-0-	Ⓞ -20-	WT	NT	12W	2700K	28°	1050mA	1040Lm	82%
	A346-0-	Ⓞ -21-	WT	NT	12W	3000K	28°	1050mA	1120Lm	82%
	A346-0-	Ⓞ -30-	WT	NT	12W	2700K	47°	1050mA	1040Lm	80%
	A346-0-	Ⓞ -31-	WT	NT	12W	3000K	47°	1050mA	1120Lm	80%

LED | 48 V | **CE** | **III** | **IP20** | CRI>90 | L80B10 >60.000h

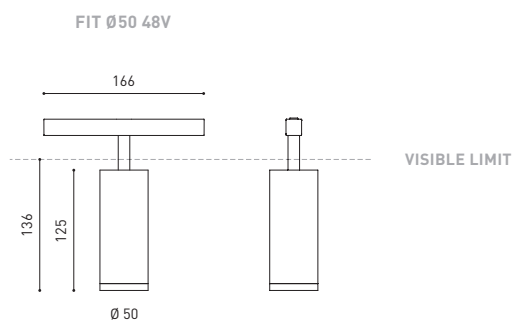
MacAdam Step 2 | **OPTIONS*** | **INCL** | **TRACK 48V** | **360°** | **90°** | **15°/28°/47°**

Ⓞ	*OPTIONS
1	No DIM
2	DIM DALI

ACCESSORY

FIT Ø50 Anti-glare Honeycomb Louver ** A346-00-00

NOT SOLD SEPARATELY



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC | TRACK 48V ⓘ » 198

** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



						P	CCT	Beam	I	Flux	LOR
FIT Ø35 48V	A345-0-	Ø	-10-	WT	NT	5,5W	2700K	19°	500mA	590Lm	82%
	A345-0-	Ø	-11-	WT	NT	5,5W	3000K	19°	500mA	630Lm	82%
	A345-0-	Ø	-20-	WT	NT	5,5W	2700K	29°	500mA	590Lm	80%
	A345-0-	Ø	-21-	WT	NT	5,5W	3000K	29°	500mA	630Lm	80%
	A345-0-	Ø	-30-	WT	NT	5,5W	2700K	38°	500mA	590Lm	80%
	A345-0-	Ø	-31-	WT	NT	5,5W	3000K	38°	500mA	630Lm	80%



		P	CCT	Beam	I	Flux	LOR
FIT Ø35 48V Double	A345-1- Ø -10- WT NT	11W	2700K	19°	500mA	2 x 590Lm	82%
	A345-1- Ø -11- WT NT	11W	3000K	19°	500mA	2 x 630Lm	82%
	A345-1- Ø -20- WT NT	11W	2700K	29°	500mA	2 x 590Lm	80%
	A345-1- Ø -21- WT NT	11W	3000K	29°	500mA	2 x 630Lm	80%
	A345-1- Ø -30- WT NT	11W	2700K	38°	500mA	2 x 590Lm	80%
	A345-1- Ø -31- WT NT	11W	3000K	38°	500mA	2 x 630Lm	80%

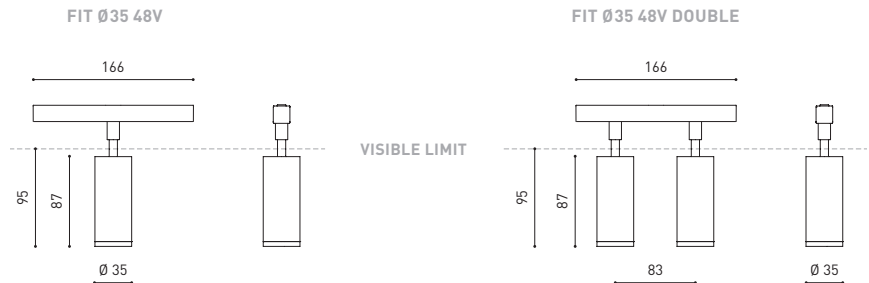


Ø	*OPTIONS
1	No DIM
2	DIM DALI

ACCESSORY

FIT Ø35 Anti-glare Honeycomb Louver ** A345-00-00

NOT SOLD SEPARATELY



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC | TRACK 48V ⓘ » 198

** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT







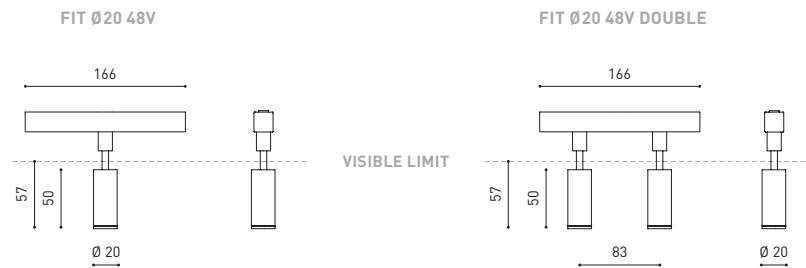
					P	CCT	Beam	I	Flux	LOR
FIT Ø20 48V	A344-0-	Ø -10-	WT	NT	2,1W	2700K	12°	700mA	127Lm	87%
	A344-0-	Ø -11-	WT	NT	2,1W	3000K	12°	700mA	150Lm	87%
	A344-0-	Ø -20-	WT	NT	2,1W	2700K	30°	700mA	127Lm	88%
	A344-0-	Ø -21-	WT	NT	2,1W	3000K	30°	700mA	150Lm	88%
	A344-0-	Ø -30-	WT	NT	2,1W	2700K	54°	700mA	127Lm	81%
	A344-0-	Ø -31-	WT	NT	2,1W	3000K	54°	700mA	150Lm	81%



					P	CCT	Beam	I	Flux	LOR
FIT Ø20 48V Double	A344-1-	Ø -10-	WT	NT	4,2W	2700K	12°	700mA	2 x 127Lm	87%
	A344-1-	Ø -11-	WT	NT	4,2W	3000K	12°	700mA	2 x 150Lm	87%
	A344-1-	Ø -20-	WT	NT	4,2W	2700K	30°	700mA	2 x 127Lm	88%
	A344-1-	Ø -21-	WT	NT	4,2W	3000K	30°	700mA	2 x 150Lm	88%
	A344-1-	Ø -30-	WT	NT	4,2W	2700K	54°	700mA	2 x 127Lm	81%
	A344-1-	Ø -31-	WT	NT	4,2W	3000K	54°	700mA	2 x 150Lm	81%



Ø	*OPTIONS
1	No DIM
2	DIM DALI



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC | TRACK 48V ⓘ » 198

» PLEASE CONSULT

Fit es una familia con 5 tallas, con versiones de empotramiento, para carril 48v y 3L.

—
Fit product range is available in 5 sizes, with recessed or 48v and 3L track versions.

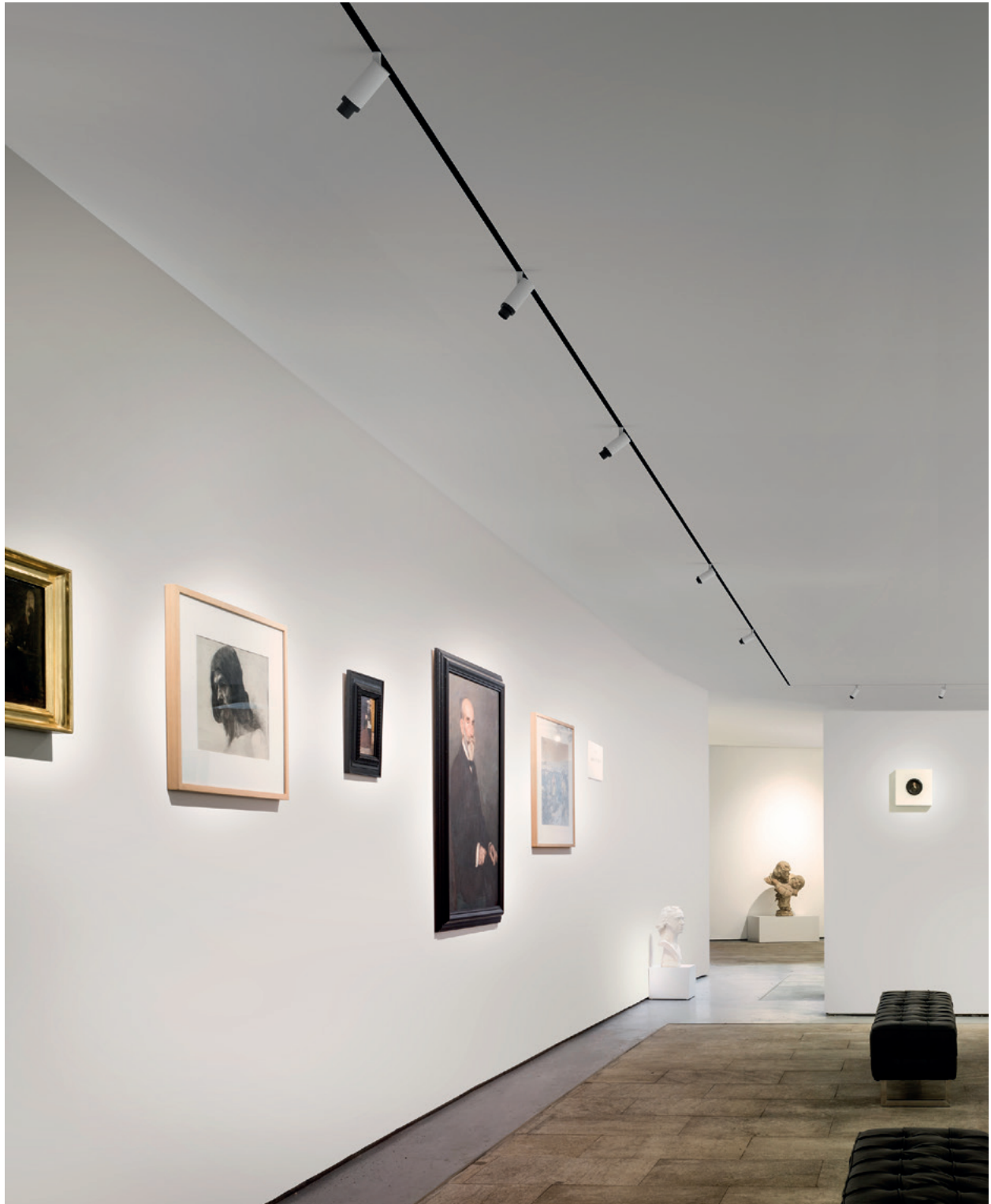
—
Fit est une gamme de produits avec 5 tailles disponibles, avec des versions pour encastrage, pour rails 48v et 3L.

—
Fit è una famiglia con 5 dimensioni, con versioni ad incasso, da binario, 48v e 3L.

—
Fit ist eine Leuchtenfamilie mit 5 Grössen, in Einbau, Schienenversionen für 48v und 3L.







Photography: Jesús Granada · Fotografía de Arquitectura

EXTENDED FAMILY

PLUS RECESSED_162
PLUS MINI 1L_206
PLUS_218

PLUS 48V



					P	CCT	Beam	I	Flux	LOR
PLUS 48V	A323-00-	00-0-	WT	NT	18W	2700K	12°-51°	500mA	1920Lm	26-40%
	A323-00-	00-1-	WT	NT	18W	3000K	12°-51°	500mA	2000Lm	26-40%
	A323-00-	00-2-	WT	NT	18W	4000K	12°-51°	500mA	2030Lm	26-40%

LED

48 V

CE

III

IP20

CRI>90

L80B10
> 60.000 h

MacAdam Step 2

OPTIONS*

INCL

TRACK 48V

360°

180°

12°-51°

12°-51°

					P	CCT	Beam	I	Flux	LOR
PLUS Mini 48V	A326-00-	00-0-	WT	NT	6,5W	2700K	10°-41°	700mA	630Lm	20-40%
	A326-00-	00-1-	WT	NT	6,5W	3000K	10°-41°	700mA	660Lm	20-40%
	A326-00-	00-2-	WT	NT	6,5W	4000K	10°-41°	700mA	680Lm	20-40%

LED

48 V

CE

III

IP20

CRI>90

L80B10
> 60.000 h

MacAdam Step 2

OPTIONS*

INCL

TRACK 48V

360°

180°

10°-41°

10°-41°

	*OPTIONS
1	No DIM
2	DIM DALI

ACCESSORY

PLUS High Chromatic LED**

PLUS MINI High Chromatic LED**

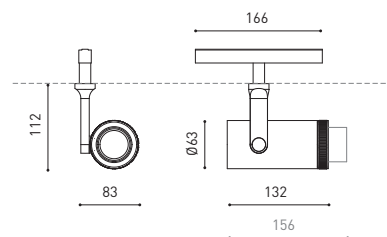
NOT SOLD SEPARATELY

LED

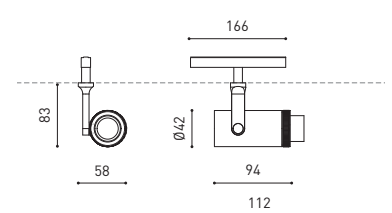
i » 366



PLUS 48V



PLUS MINI 48V



COLOUR | WT ☐ RAL 9016 | NT ☒ RAL 9005 | MATERIAL | ☒ AL | ☒ OPTICAL GLASS | TRACK 48V *i* » 198

** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

i » PLEASE CONSULT

i » 164







Arkoslight Headquarters, Valencia (Spain) | Design: Francesc Rifé Studio | Architect: Víctor García Martínez Arquitecto | Photography: Héctor Rubio - Images Positive



EXTENDED FAMILY

iO_204

iO SURFACE_262

iO RECESSED PROFILE_326

iO 48V



					P	CCT	Beam	I	Flux	LOR
i0 48V	A348-0-	Ⓢ -10-	WT	NT	4,5W	2700K	20°	500mA	485Lm	92%
	A348-0-	Ⓢ -11-	WT	NT	4,5W	3000K	20°	500mA	505Lm	92%
	A348-0-	Ⓢ -20-	WT	NT	4,5W	2700K	30°	500mA	485Lm	89%
	A348-0-	Ⓢ -21-	WT	NT	4,5W	3000K	30°	500mA	505Lm	89%
	A348-0-	Ⓢ -30-	WT	NT	4,5W	2700K	56°	500mA	485Lm	86%
	A348-0-	Ⓢ -31-	WT	NT	4,5W	3000K	56°	500mA	505Lm	86%

LED

48 V

CE

III

IP20

CRI>90

L80B10
> 60.000 h

MacAdam Step 2

OPTIONS*

INCL

TRACK 48V

355°

325°

20° / 30° / 56°

Ⓢ	*OPTIONS
1	No DIM
2	DIM DALI

ACCESSORIES

NOT SOLD SEPARATELY

i0 High Chromatic LED**

LED

i » 366

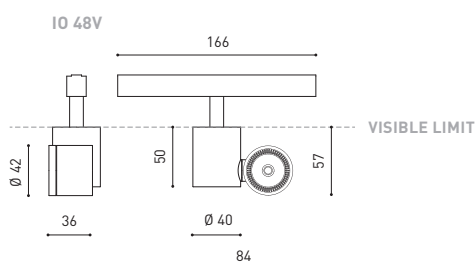
i0 Beam Mixer Diffuser**

0805-01-00



i0 Anti-glare Honeycomb Louver**

0806-00-00 | WT | NT |



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | PC | TRACK 48V i » 198

** AFFECTS THE LIGHTING PARAMETERS

⚡ » PLEASE CONSULT



EXTENDED FAMILY

ZEN TUBE_222

ZEN TUBE SURFACE_266

ZEN TUBE 48V



		P	CCT	I	Flux	LOR
ZEN TUBE 48V 1	A341-11- 00 -0- WT NT	12W	2700K	350mA	1580Lm	90%
	A341-11- 00 -1- WT NT	12W	3000K	350mA	1640Lm	90%
ZEN TUBE 48V 2	A341-12- 00 -0- WT NT	17W	2700K	500mA	2130Lm	90%
	A341-12- 00 -1- WT NT	17W	3000K	500mA	2220Lm	90%
ZEN TUBE 48V 3	A341-13- 00 -0- WT NT	23W	2700K	700mA	3070Lm	90%
	A341-13- 00 -1- WT NT	23W	3000K	700mA	3190Lm	90%
	A341-23- 00 -0- WT NT	23W	2700K	700mA	3070Lm	90%
	A341-23- 00 -1- WT NT	23W	3000K	700mA	3190Lm	90%



LED | 48V | CE | III | IP20 | CRI>90 | L80B10 >60.000h



00	BEAM OPTIONS
1	16°
2	24°
3	42°

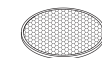
ACCESSORIES

NOT SOLD SEPARATELY

ZEN High Chromatic LED*



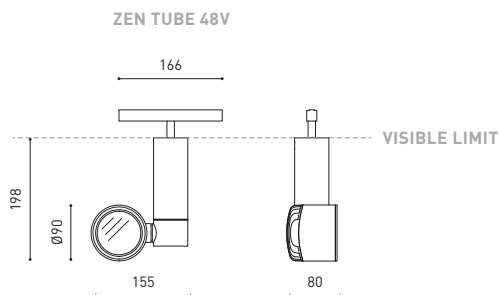
ZEN Anti-glare Honeycomb Louver * 0702-02-00



ZEN Elliptical Refractor * 0700-08-00



ZEN Beam Mixer Diffuser* 0805-02-00



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | GL-TRANS |

TRACK 48V i » 198

* AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



LINE 48V

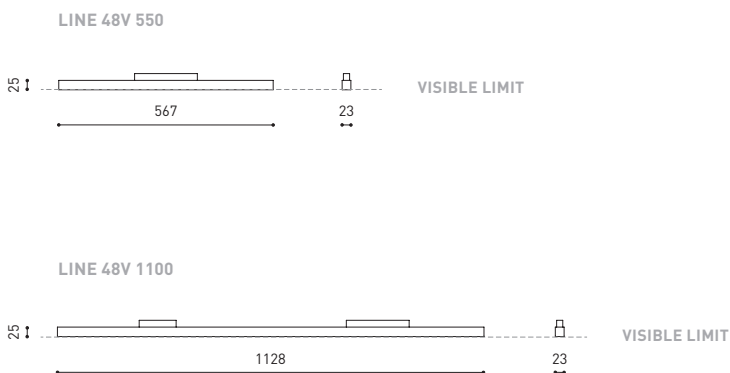


		P	CCT	I	Flux	LOR
LINE 48V 550	A347-10- ① -0- N	12,5W	2700K	350mA	1665Lm	68%
	A347-10- ① -1- N	12,5W	3000K	350mA	1675Lm	68%
LINE 48V 1100	A347-20- ① -0- N	25W	2700K	700mA	3330Lm	68%
	A347-20- ① -1- N	25W	3000K	700mA	3350Lm	68%

LED | 48 V | **CE** | **III** | **IP20** | CRI>90 | L90B50 >50.000h

MacAdam Step 3
INCL
TRACK 48V
OPTIONS*
101°
101°

①	*OPTIONS
1	No DIM
2	DIM DALI






archiproducts
DESIGN AWARDS
—
WINNER 2018

EXTENDED FAMILY

TOP_236

TOP 48V



		P	CCT	Beam	I	Flux	LOR
TOP 48V	A339-0- Ⓞ -10- WT NT	6,5W	2700K	20°	700mA	610Lm	92%
	A339-0- Ⓞ -11- WT NT	6,5W	3000K	20°	700mA	640Lm	92%
	A339-0- Ⓞ -20- WT NT	6,5W	2700K	30°	700mA	610Lm	89%
	A339-0- Ⓞ -21- WT NT	6,5W	3000K	30°	700mA	640Lm	89%
	A339-0- Ⓞ -30- WT NT	6,5W	2700K	56°	700mA	610Lm	86%
	A339-0- Ⓞ -31- WT NT	6,5W	3000K	56°	700mA	640Lm	86%

LED

48V

CE

III

IP20

CRI>90

L80B10
> 60.000 h

MacAdam Step 2

OPTIONS*

INCL

TRACK 48V

UGR <19

20° / 30° / 56°

		P	CCT	Beam	I	Flux	LOR
TOP MINI 48V	A340-0- Ⓞ -10- WT NT	6,5W	2700K	20°	700mA	610Lm	92%
	A340-0- Ⓞ -11- WT NT	6,5W	3000K	20°	700mA	640Lm	92%
	A340-0- Ⓞ -20- WT NT	6,5W	2700K	30°	700mA	610Lm	89%
	A340-0- Ⓞ -21- WT NT	6,5W	3000K	30°	700mA	640Lm	89%
	A340-0- Ⓞ -30- WT NT	6,5W	2700K	56°	700mA	610Lm	86%
	A340-0- Ⓞ -31- WT NT	6,5W	3000K	56°	700mA	640Lm	86%

LED

48V

CE

III

IP20

CRI>90

L80B10
> 60.000 h

MacAdam Step 2

OPTIONS*

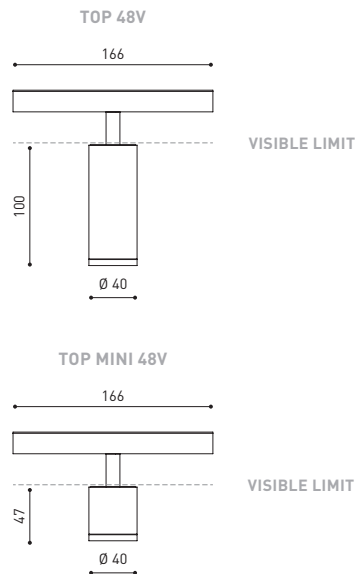
INCL

TRACK 48V

UGR <19

20° / 30° / 56°

Ⓞ	*OPTIONS
1	No DIM
2	DIM DALI



ACCESSORIES

NOT SOLD SEPARATELY

TOP High Chromatic LED**

LED

i » 366

TOP Beam Mixer Diffuser**

0805-01-00



TOP Anti-glare Honeycomb Louver** 0807-00-00 | WT | NT |



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

TRACK 48V i » 198

** AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



EXTENDED FAMILY

HOLLY_276

HOLLY 48V



						P	CCT	Beam	I	Flux	LOR
HOLLY 48V		A349- 00 -1-00-	WT	NT		2,1W	2700K	17°	700mA	190Lm	92%
		A349- 00 -1-01-	WT	NT		2,1W	3000K	17°	700mA	210Lm	92%
	DALI	A349- 00 -2-00-	WT	NT		2,1W	2700K	17°	700mA	190Lm	92%
		A349- 00 -2-01-	WT	NT		2,1W	3000K	17°	700mA	210Lm	92%
		A349- 00 -1-10-	WT	NT		2,1W	2700K	35°	700mA	190Lm	93%
		A349- 00 -1-11-	WT	NT		2,1W	3000K	35°	700mA	210Lm	93%
	DALI	A349- 00 -2-10-	WT	NT		2,1W	2700K	35°	700mA	190Lm	93%
		A349- 00 -2-11-	WT	NT		2,1W	3000K	35°	700mA	210Lm	93%

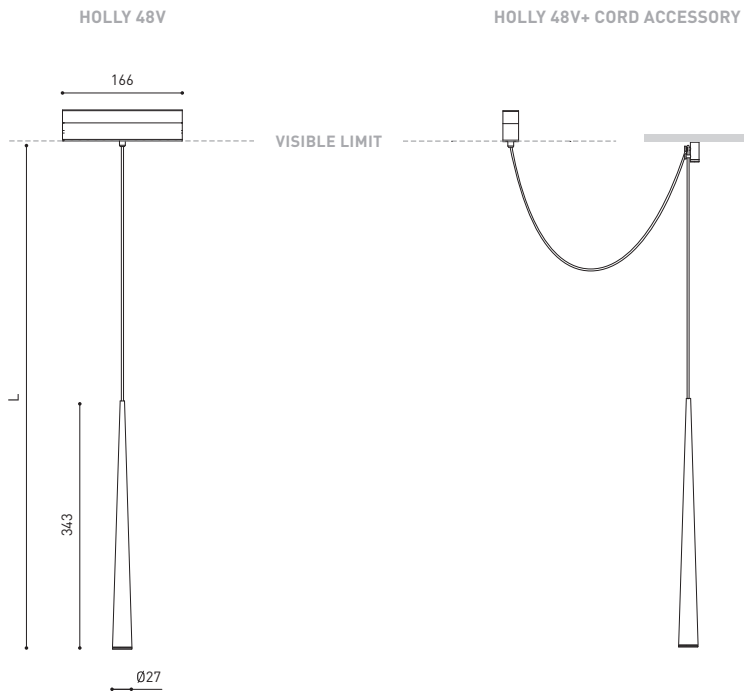
LED | 48 V | CE III IP20 | CRI>90 | L80B10 >41.000 h

MacAdam Step 3 INCL TRACK 48V 17° / 35°

00	CORD LENGTH - L
0	2 m
1	3 m
2	5 m

HOLLY Cord Accessory

0223-00-00- | WT | NT |





Private Residence Brise Soleil, Valencia [Spain] | Design: Rubén Muedra Estudio de Arquitectura | Photography: Adrián Mora Maroto



EXTENDED FAMILY

SPIN_278

SPIN 48V

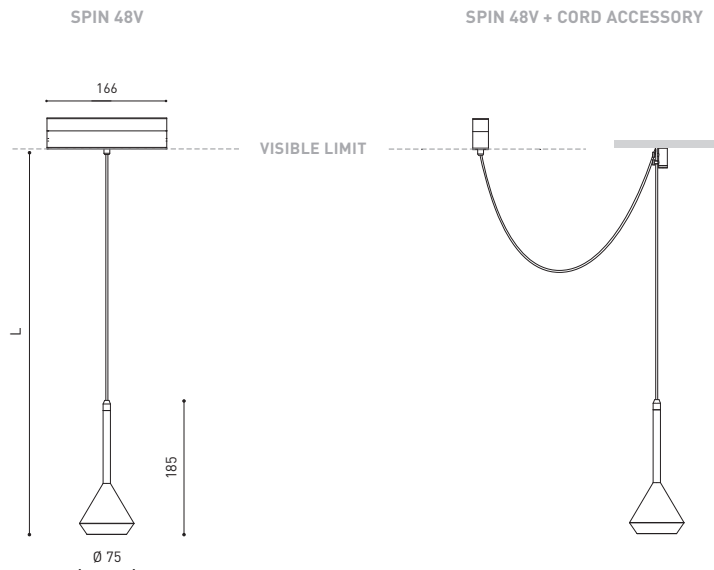
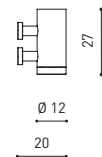


					P	CCT	Beam	I	Flux	LOR	
SPIN 48V	A350- 00 -1-01- WT NT				6,5W	3000K	24°	700mA	630Lm	86%	
	A350- 00 -1-11- WT NT				6,5W	3000K	40°	700mA	630Lm	84%	
		A350- 00 -2-01- WT NT				6,5W	3000K	24°	700mA	630Lm	86%
		A350- 00 -2-11- WT NT				6,5W	3000K	40°	700mA	630Lm	84%

LED | 48 V | CE | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | INCL | TRACK 48V | 24° / 40°

⓪	CORD LENGTH - L
0	2 m
1	3 m
2	5 m

SPIN Cord Accessory
 0223-00-00- | WT | NT |



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PMMA | TRACK 48V ⓘ » 198
 ⓘ » PLEASE CONSULT

AVAILABLE FOR



SIX
168



FIT
174



PLUS
182



iO
186



ZEN TUBE
188



LINE
190



TOP
192



HOLLY
194



SPIN
196



El nuevo sistema de carril 48Vdc ofrece una enorme versatilidad. Permite dibujar líneas, giros en ángulo recto y cambios de plano en esquinas a 90°. En él, pueden instalarse desde módulos de luz difusa hasta piezas de suspensión o proyectores.

—
The new 48Vdc track system offers a huge versatility. It allows you to draw lines, right angle turns and plane changes in corners at 90°. With this system, you may install diffuse light modules, suspended lighting fixtures or spotlights.

—
Le nouveau système de rails 48Vdc offre une grande polyvalence. Il permet de tracer des lignes, des rotations à angle droit et des changements de plans dans

les angles à 90°. On peut y installer aussi bien des modules de lumière diffuse, que des éléments de suspension ou des projecteurs.

—
Il nuovo sistema a binario a 48 Vdc offre un'enorme versatilità. Permette di disegnare linee, giri ad angolo retto e cambi di piano in angoli a 90°. In esso, possono essere installati da moduli di luce diffusa a parti di sospensione o proiettori.

—
Das neue 48-VDC-Schienensystem bietet eine enorme Vielseitigkeit. Sie können Linien, rechtwinklige Ecken und Ebenenänderungen in 90°-Ecken zeichnen. Darin können sie von diffusen Lichtmodulen bis zu Aufhängeteilen oder Projektoren installiert werden.



Su sistema de instalación, manual y sin herramientas, es sumamente funcional y sencillo

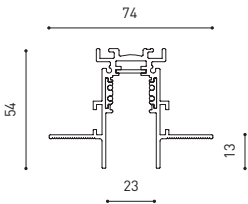
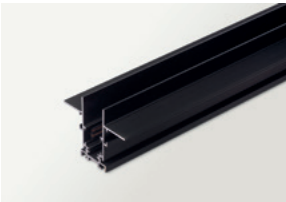
Its manual and tool-less installation system is highly functional and simple.

Son système d'installation manuelle et sans outils est extrêmement fonctionnel et simple.

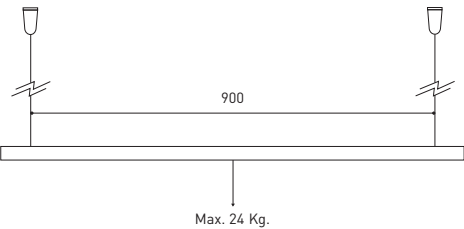
Il suo sistema di installazione manuale e senza strumenti è altamente funzionale e semplice.

Das manuelle Installationssystem und ohne Werkzeug ist äusserst funktional und einfach.

TRACK 48V TRIMLESS



TRACK 48V 1M	A338-01-00-	N
TRACK 48V 2M	A338-02-00-	N
TRACK 48V 3M	A338-03-00-	N
TRACK 48V Corner 90° One Plane	A338-04-00-	N
TRACK 48V Corner 90° Two Planes	A338-05-00-	N



		P	I	D	
CONSTANT VOLTAGE LED POWER SUPPLY	 NO DIM	0434-01-21	75W	48V	180 x 52 x 30mm
		0434-01-22	150W	48V	240 x 60 x 49mm
		0434-01-19	75W	48V	235 x 100 x 31mm
	DALI	0434-01-20	150W	48V	235 x 100 x 31mm

CABLE SECTION AND
LENGHT BETWEEN
TRACK 48V AND
POWER SUPPLY

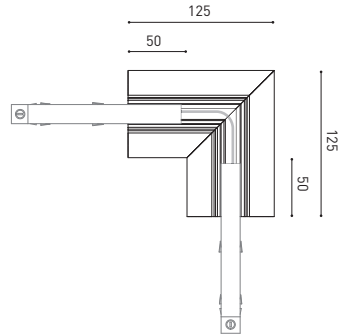
TRACK LENGHT (m)		10			20		29
CABLE LENGHT (m)		1	10	20	1	10	1
POWER (W)	CABLE SECTION (mm²)						
75W	0,75mm²	✓	✓	✓	✓	✓	✓
	1,5mm²	✓	✓	✓	✓	✓	✓
150W	0,75mm²	✓	X	X	✓	X	✓
	1,5mm²	✓	✓	X	✓	✓	✓

COLOUR | N ■ RAL 9005 |

 » 368

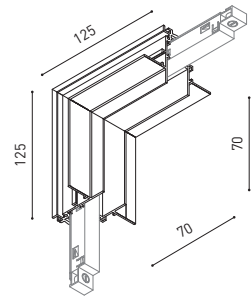
RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED
BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

TRACK 48V 90° CORNER One Plane

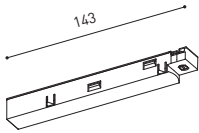


*Electrical connection included

TRACK 48V 90° CORNER Two Planes

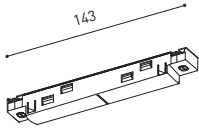


*Electrical connection included



TRACK 48V Live-End Connector

A338-00-01- | N |



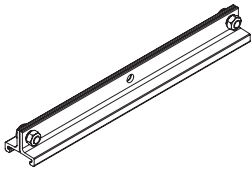
TRACK 48V Central Connector

A338-00-02- | N |



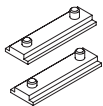
TRACK 48V Short T-Bracket

A338-00-03



TRACK 48V Long T-Bracket

A338-00-04



TRACK 48V Straight Joiners (2 Units)

A338-00-05



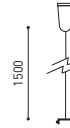
TRACK 48V End

A338-00-06- | N |



TRACK 48V End Feed

A338-00-07- | N |



TRACK 48V Suspension Kit

A338-00-08

See accessories quantities*



TRACK 48V Clamp for M6 ROD

A338-00-09

See accessories quantities*



TRACK 48V Track Clamp

A338-00-10

See accessories quantities*

* SUGGESTED MOUNTING ACCESSORIES QUANTITIES

1000 mm - 2 Pcs.

2000 mm - 3 Pcs.

3000 mm - 4 Pcs.

COLOUR | N ■ RAL 9005 |

i » 368

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED
BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)



SC Private Residence, Valencia (Spain) | Design: Estudio Calma | Photography: Héctor Rubio - Images Positive



EXTENDED FAMILY

iO 48V_186

iO SURFACE_262

iO RECESSED PROFILE_326





					P	CCT	Beam	I	Flux	LOR
iO	A262-00-10-	WT	NT		4,5W	2700K	20°	500mA	485Lm	92%
	A262-00-11-	WT	NT		4,5W	3000K	20°	500mA	505Lm	92%
	A262-00-12-	WT	NT		4,5W	4000K	20°	500mA	520Lm	92%
	A262-00-20-	WT	NT		4,5W	2700K	30°	500mA	485Lm	89%
	A262-00-21-	WT	NT		4,5W	3000K	30°	500mA	505Lm	89%
	A262-00-22-	WT	NT		4,5W	4000K	30°	500mA	520Lm	89%
	A262-00-30-	WT	NT		4,5W	2700K	56°	500mA	485Lm	86%
	A262-00-31-	WT	NT		4,5W	3000K	56°	500mA	505Lm	86%
	A262-00-32-	WT	NT		4,5W	4000K	56°	500mA	520Lm	86%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



ACCESSORIES

NOT SOLD SEPARATELY

iO High Chromatic LED*



i » 366

iO Beam Mixer Diffuser*

0805-01-00

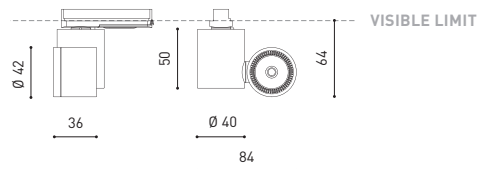


iO Anti-glare Honeycomb Louver*

0806-00-00 | WT | NT |



iO



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

TRACK 1L i » 208

* AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



Photography: B5images Architectural Photography

EXTENDED FAMILY

PLUS RECESSED_162
PLUS 48V_182
PLUS_218

PLUS MINI 1L



					P	CCT	Beam	I	Flux	LOR
PLUS Mini 1L	A327-00-20-	WT	NT		4,5W	2700K	10°-41°	500mA	480Lm	20-40%
	A327-00-21-	WT	NT		4,5W	3000K	10°-41°	500mA	500Lm	20-40%
	A327-00-22-	WT	NT		4,5W	4000K	10°-41°	500mA	515Lm	20-40%

LED

220
240 V~

CE

IP 20

CRI>90

L80B10
> 60.000 h

MacAdam Step 2

INCL

TRACK 1L

350°

180°

10°-41°

10°-41°

ACCESSORY

PLUS MINI High Chromatic LED**

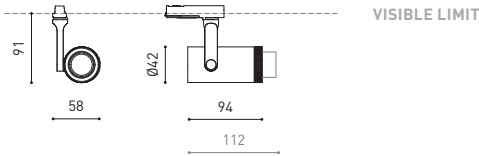
NOT SOLD SEPARATELY

LED

i » 366



PLUS MINI 1L

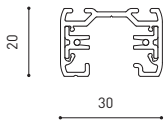


COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | OPTICAL PMMA | TRACK 1L » 208

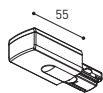
** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

 » 164

SURFACE & SUSPENDED



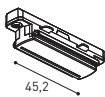
TRACK 1L 1m	A264-01-00- B N
TRACK 1L 2m	A264-02-00- B N
TRACK 1L 3m	A264-03-00- B N



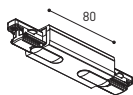
POLARITY
GROOVE



TRACK 1L Live-End Connector
A264-00-01- B N
A264-00-02- B N



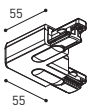
TRACK 1L Contact Joint
A264-00-04- B N



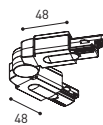
TRACK 1L Central Connector
A264-00-03- B N



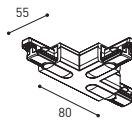
TRACK 1L End
A264-00-13- B N



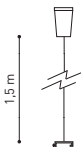
TRACK 1L 90° Angle
A264-00-06- B N
A264-00-07- B N



TRACK 1L Corner connector
A264-00-15- B N

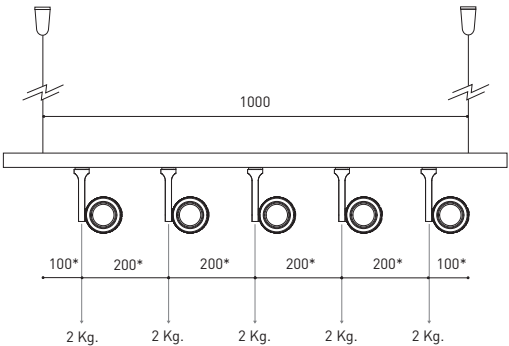


TRACK 1L T-Joint
A264-00-16- B N
A264-00-17- B N



TRACK 1L Suspension Kit
A264-00-14- WT NT

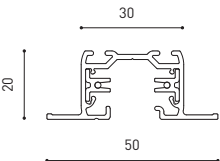
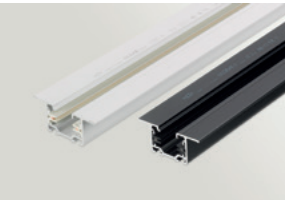
At least 2 units needed



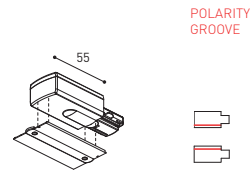
*minimum distance (mm.)

TRACK 1L

FLUSH MOUNTING

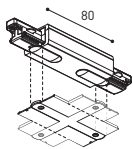


TRACK 1L FLUSH 1m	A264-11-00-	B	N
TRACK 1L FLUSH 2m	A264-12-00-	B	N
TRACK 1L FLUSH 3m	A264-13-00-	B	N



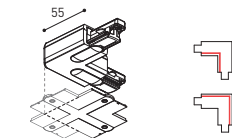
TRACK 1L FLUSH Live-End Connector
A264-00-01- B N
A264-00-02- B N
TRACK 1L FLUSH Cover Plate
A264-10-19- B N

Mandatory for installation



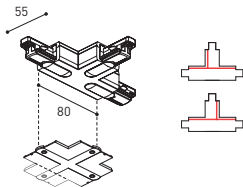
TRACK 1L FLUSH Central Connector
A264-00-03- B N
TRACK 1L FLUSH Corner Cover Plate
A264-10-20- B N

Mandatory for installation



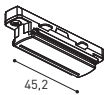
TRACK 1L FLUSH 90° Angle
A264-00-06- B N
A264-00-07- B N
TRACK 1L FLUSH Corner Cover Plate
A264-10-20- B N

Mandatory for installation



TRACK 1L FLUSH T-Joint
A264-00-16- B N
A264-00-17- B N
TRACK 1L FLUSH Corner Cover Plate
A264-10-20- B N

Mandatory for installation



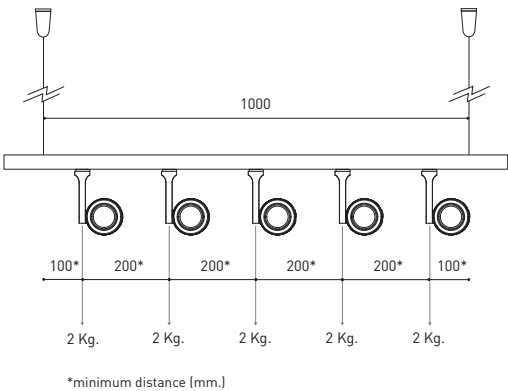
TRACK 1L Contact Joint
A264-00-04- B N



TRACK 1L End
A264-00-13- B N



TRACK 1L FLUSH Suspension Kit
A264-10-15



COLOUR | B ☐ RAL 9016 | N ☒ RAL 9005 | WT ☐ RAL 9016 | NT ☒ RAL 9005 |

i » 368

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)



La Ilustre Cerámica exhibition, Alcora (Spain) | Design: Maqla Arquitectura | Photography: Héctor Rubio · Images Positive



EXTENDED FAMILY

SIX RECESSED_154
SIX 48V_168

SIX



					P	CCT	Beam	I	Flux	LOR
SIX L 1	A286-11-10-	WT NT			11,5W	2700K	17°	350mA	1600Lm	93%
	A286-11-11-	WT NT			11,5W	3000K	17°	350mA	1650Lm	93%
	A286-11-12-	WT NT			11,5W	4000K	17°	350mA	1700Lm	93%
	A286-11-30-	WT NT			11,5W	2700K	26°	350mA	1600Lm	93%
	A286-11-31-	WT NT			11,5W	3000K	26°	350mA	1650Lm	93%
	A286-11-32-	WT NT			11,5W	4000K	26°	350mA	1700Lm	93%
	A286-11-20-	WT NT			11,5W	2700K	34°	350mA	1600Lm	90%
	A286-11-21-	WT NT			11,5W	3000K	34°	350mA	1650Lm	90%
	A286-11-22-	WT NT			11,5W	4000K	34°	350mA	1700Lm	90%
SIX L 2	A286-2- ② -10-	WT NT			24,5W	2700K	17°	700mA	2850Lm	93%
	A286-2- ② -11-	WT NT			24,5W	3000K	17°	700mA	2950Lm	93%
	A286-2- ② -12-	WT NT			24,5W	4000K	17°	700mA	3000Lm	93%
	A286-2- ② -30-	WT NT			24,5W	2700K	26°	700mA	2850Lm	93%
	A286-2- ② -31-	WT NT			24,5W	3000K	26°	700mA	2950Lm	93%
	A286-2- ② -32-	WT NT			24,5W	4000K	26°	700mA	3000Lm	93%
	A286-2- ② -20-	WT NT			24,5W	2700K	34°	700mA	2850Lm	90%
	A286-2- ② -21-	WT NT			24,5W	3000K	34°	700mA	2950Lm	90%
	A286-2- ② -22-	WT NT			24,5W	4000K	34°	700mA	3000Lm	90%

LED | 220 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | OPTIONS* | INCL | TRACK 3L | 350° | 310° | 17° / 26° / 34°

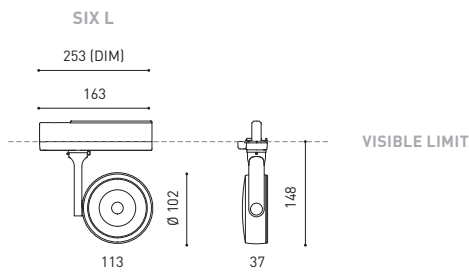
②	*OPTIONS
1	No DIM
4	DIM DALI

ACCESSORY

SIX L High Chromatic LED**

NOT SOLD SEPARATELY

» 366



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | PC | TRACK 3L » 226

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



Poppys Life Store, Valencia (Spain) | Design: Destudio | Photography: Héctor Rubio - Images Positive



					P	CCT	Beam	I	Flux	LOR
SIX M 1	A331-11-10-	WT NT			11,5W	2700K	19°	350mA	1600Lm	93%
	A331-11-11-	WT NT			11,5W	3000K	19°	350mA	1650Lm	93%
	A331-11-12-	WT NT			11,5W	4000K	19°	350mA	1700Lm	93%
	A331-11-20-	WT NT			11,5W	2700K	28°	350mA	1600Lm	91%
	A331-11-21-	WT NT			11,5W	3000K	28°	350mA	1650Lm	91%
	A331-11-22-	WT NT			11,5W	4000K	28°	350mA	1700Lm	91%
	A331-11-30-	WT NT			11,5W	2700K	38°	350mA	1600Lm	93%
	A331-11-31-	WT NT			11,5W	3000K	38°	350mA	1650Lm	93%
	A331-11-32-	WT NT			11,5W	4000K	38°	350mA	1700Lm	93%
SIX M 2	A331-2- ④ -10-	WT NT			17W	2700K	19°	500mA	2050Lm	93%
	A331-2- ④ -11-	WT NT			17W	3000K	19°	500mA	2130Lm	93%
	A331-2- ④ -12-	WT NT			17W	4000K	19°	500mA	2160Lm	93%
	A331-2- ④ -20-	WT NT			17W	2700K	28°	500mA	2050Lm	91%
	A331-2- ④ -21-	WT NT			17W	3000K	28°	500mA	2130Lm	91%
	A331-2- ④ -22-	WT NT			17W	4000K	28°	500mA	2160Lm	91%
	A331-2- ④ -30-	WT NT			17W	2700K	38°	500mA	2050Lm	93%
	A331-2- ④ -31-	WT NT			17W	3000K	38°	500mA	2130Lm	93%
	A331-2- ④ -32-	WT NT			17W	4000K	38°	500mA	2160Lm	93%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000h



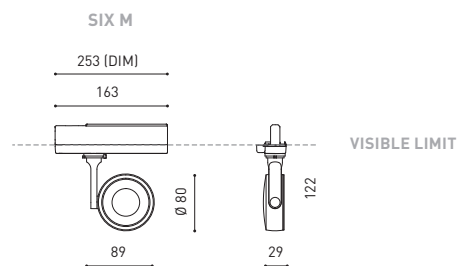
④ *OPTIONS

1	No DIM
4	DIM DALI

ACCESSORY

SIX M High Chromatic LED**

NOT SOLD SEPARATELY



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

TRACK 3L ⓘ >> 226

** ACCESSORY & COLOURS AFFECTS THE LIGHTING PARAMETERS

⚡ >> PLEASE CONSULT



EXTENDED FAMILY

FIT RECESSED_160

FIT 48V_174

FIT



					P	CCT	Beam	I	Flux	LOR
FIT Ø80	A357-0-	Ø -11-	WT	NT	19W	3000K	19°	550mA	2500Lm	90%
	A357-0-	Ø -12-	WT	NT	19W	4000K	19°	550mA	2540Lm	90%
	A357-0-	Ø -21-	WT	NT	19W	3000K	28°	550mA	2500Lm	84%
	A357-0-	Ø -22-	WT	NT	19W	4000K	28°	550mA	2540Lm	84%
	A357-0-	Ø -31-	WT	NT	19W	3000K	37°	550mA	2500Lm	85%
	A357-0-	Ø -32-	WT	NT	19W	4000K	37°	550mA	2540Lm	85%

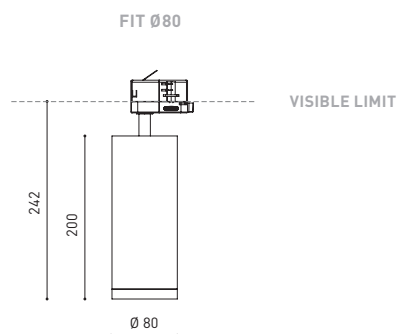
220-240 V~ | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | OPTIONS* | INCL | TRACK 3L | 360° | 90° | 19°/28°/37°

Ø	*OPTIONS
1	No DIM
2	DIM DALI

ACCESSORY

FIT Ø80 Anti-glare Honeycomb Louver ** A357-00-00

NOT SOLD SEPARATELY



COLOUR | WT RAL 9016 | NT RAL 9005 |

MATERIAL | AL | PC |

TRACK 3L » 226

** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



					P	CCT	Beam	I	Flux	LOR
FIT Ø65	A356-01-11-	WT	NT		10,3W	3000K	18°	300mA	1300Lm	90%
	A356-01-12-	WT	NT		10,3W	4000K	18°	300mA	1320Lm	90%
	A356-01-21-	WT	NT		10,3W	3000K	26°	300mA	1300Lm	88%
	A356-01-22-	WT	NT		10,3W	4000K	26°	300mA	1320Lm	88%
	A356-01-31-	WT	NT		10,3W	3000K	36°	300mA	1300Lm	84%
	A356-01-32-	WT	NT		10,3W	4000K	36°	300mA	1320Lm	84%

| 220 V~ | IP20 | CRI>90 | L80B10 > 60.000 h |
 MacAdam Step 2 | INCL | TRACK 3L | 360° | 90° | 18°/26°/36°

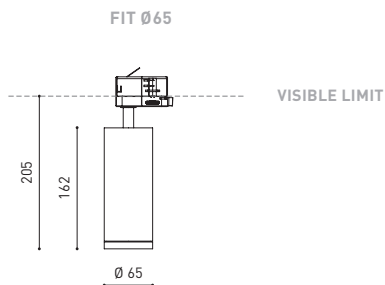
					P	CCT	Beam	I	Flux	LOR
FIT Ø65	A356-02-11-	WT	NT		10,3W	3000K	18°	300mA	1300Lm	90%
	A356-02-12-	WT	NT		10,3W	4000K	18°	300mA	1320Lm	90%
	A356-02-21-	WT	NT		10,3W	3000K	26°	300mA	1300Lm	88%
	A356-02-22-	WT	NT		10,3W	4000K	26°	300mA	1320Lm	88%
	A356-02-31-	WT	NT		10,3W	3000K	36°	300mA	1300Lm	84%
	A356-02-32-	WT	NT		10,3W	4000K	36°	300mA	1320Lm	84%

| 220 V~ | IP20 | CRI>90 | L80B10 > 60.000 h |
 MacAdam Step 2 | DALI | INCL | TRACK 3L | 360° | 90° | 18°/26°/36°

ACCESSORY

FIT Ø65 Anti-glare Honeycomb Louver ** A356-00-00

NOT SOLD SEPARATELY



COLOUR | WT RAL 9016 | NT RAL 9005 |

MATERIAL | AL | PC |

TRACK 3L » 226

** ACCESSORY AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT





Photography: Jesús Granada, Fotografía de Arquitectura

PLUS

EXTENDED FAMILY

PLUS RECESSED_162

PLUS 48V_182

PLUS MINI 1L_206



				P	CCT	Beam	I	Flux	LOR
PLUS	A324-00-00-	WT	NT	10,4W	2700K	12°-51°	300mA	1260Lm	26-40%
	A324-00-01-	WT	NT	10,4W	3000K	12°-51°	300mA	1310Lm	26-40%
	A324-00-02-	WT	NT	10,4W	4000K	12°-51°	300mA	1330Lm	26-40%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | INCL | TRACK 3L | 350° | 180° | 12°-51°



				P	CCT	Beam	I	Flux	LOR
PLUS Mini	A327-00-10-	WT	NT	4,5W	2700K	10°-41°	500mA	480Lm	20-40%
	A327-00-11-	WT	NT	4,5W	3000K	10°-41°	500mA	500Lm	20-40%
	A327-00-12-	WT	NT	4,5W	4000K	10°-41°	500mA	515Lm	20-40%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h | MacAdam Step 2 | INCL | TRACK 3L | 350° | 180° | 10°-41°

ACCESSORY

PLUS High Chromatic LED*

PLUS MINI High Chromatic LED*

NOT SOLD SEPARATELY

LED | i » 366



i » 164



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | OPTICAL GLASS | TRACK 3L | i » 226

* ACCESSORY AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



Federal Café, Valencia (Spain) | Design: Hadit Arquitectos | Photography: Héctor Rubio - Images Positive



ZEN



		P	CCT	I	Flux	LOR
ZEN 1	A283-01- ① -1- WT NT	12W	3000K	350	1640	90%
	A283-01- ① -2- WT NT	12W	4000K	350	1670	90%
ZEN 2	A283-02- ① -1- WT NT	17W	3000K	500	2220	90%
	A283-02- ① -2- WT NT	17W	4000K	500	2250	90%
	DALI A283-12- ① -1- WT NT	17W	3000K	500	2220	90%
		17W	4000K	500	2250	90%
ZEN 3	A283-03- ① -1- WT NT	23W	3000K	700	3190	90%
	A283-03- ① -2- WT NT	23W	4000K	700	3240	90%
	DALI A283-13- ① -1- WT NT	23W	3000K	700	3190	90%
		23W	4000K	700	3240	90%

LED | 220-240 V~ | | | IP20 | CRI>90 | L80B10 > 60.000h

MacAdam Step 2

INCL

TRACK 3L

325°

270°

16° / 24° / 42°

① BEAM OPTIONS

1	16°
2	24°
3	42°

ACCESSORIES

NOT SOLD SEPARATELY

ZEN High Chromatic LED*

LED

» 366

ZEN Anti-glare Honeycomb Louver * 0702-02-00



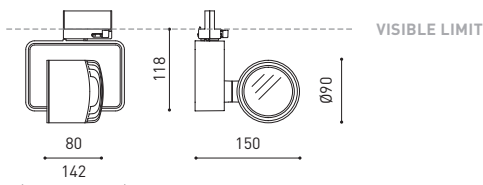
ZEN Elliptical Refractor * 0700-08-00



ZEN Beam Mixer Diffuser* 0805-02-00



ZEN



COLOUR | WT RAL 9016 | NT RAL 9005 |

MATERIAL | AL | GL-TRANS |

TRACK 3L » 226

OTHER CCT PLEASE CONSULT | * AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



RS - Barcelona Showroom | Photography: Meritxell Arjalaguer



ZEN TUBE

EXTENDED FAMILY

ZEN TUBE 48V_188

ZEN TUBE SURFACE_266



		P	CCT	I	Flux	LOR
ZEN TUBE 1	A284-21- Ø -1- WT NT	12W	3000K	350mA	1640Lm	90%
	A284-21- Ø -2- WT NT	12W	4000K	350mA	1670Lm	90%
ZEN TUBE 2	A284-22- Ø -1- WT NT	17W	3000K	500mA	2220Lm	90%
	A284-22- Ø -2- WT NT	17W	4000K	500mA	2250Lm	90%
ZEN TUBE 3	A284-23- Ø -1- WT NT	23W	3000K	700mA	3190Lm	90%
	A284-23- Ø -2- WT NT	23W	4000K	700mA	3240Lm	90%

LED

220
240 V~

CE

IP20

CRI>90

L80B10
> 60.000 h

MacAdam
Step 2

INCL

TRACK 3L

355°

270°

16° / 24° / 42°

Ø	BEAM OPTIONS
1	16°
2	24°
3	42°

ACCESSORIES

NOT SOLD SEPARATELY

ZEN High Chromatic LED*

LED

i » 366

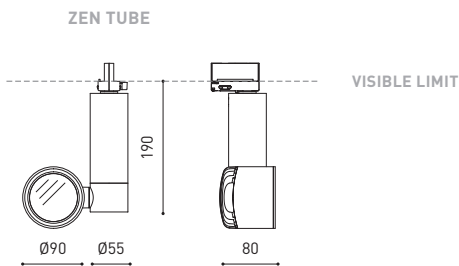
ZEN Anti-glare Honeycomb Louver * 0702-02-00



ZEN Elliptical Refractor * 0700-08-00



ZEN Beam Mixer Diffuser* 0805-02-00



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | GL-TRANS | TRACK 3L » 226

OTHER CCT PLEASE CONSULT | * AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



THOR



		P	CCT	I	Flux	LOR
THOR 1	A226-11- ② -1- WT NT	23,5W	3000K	700mA	3350Lm	90%
	A226-11- ② -2- WT NT	23,5W	4000K	700mA	3400Lm	90%
THOR 2	A226-21- ② -1- WT NT	32,5W	3000K	950mA	4360Lm	90%
	A226-21- ② -2- WT NT	32,5W	4000K	950mA	4430Lm	90%
	A226-24- ② -1- WT NT	32,5W	3000K	950mA	4360Lm	90%
	A226-24- ② -2- WT NT	32,5W	4000K	950mA	4430Lm	90%



LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



ACCESSORIES

② BEAM OPTIONS

1	17°
2	28°
3	40°

THOR High Chromatic LED*

NOT SOLD SEPARATELY



THOR Anti-glare Screen*	0802-00-00- WT
	0802-00-00- NT



THOR Anti-glare Honeycomb Louver* 0802-02-00

NOT SOLD SEPARATELY



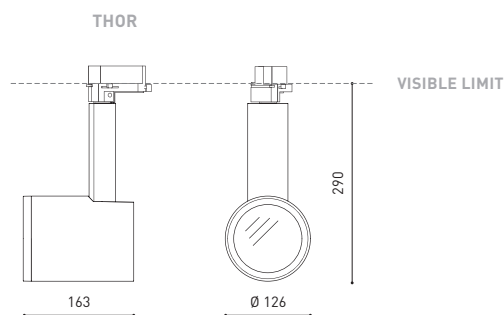
THOR Elliptical Refractor* 0802-04-00

NOT SOLD SEPARATELY



THOR Beam Mixer Diffuser* 0805-03-00

NOT SOLD SEPARATELY

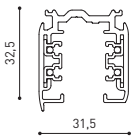
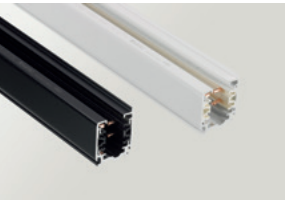


COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | GL-TRANS | TRACK 3L ⓘ » 226

OTHER CCT PLEASE CONSULT | * AFFECTS THE LIGHTING PARAMETERS

ⓘ » PLEASE CONSULT

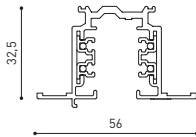
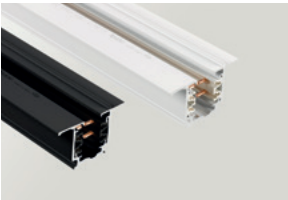
TRACK 3L+N SURFACE & SUSPENDED



TRACK 3L 1m	A282-01-00-	B	N
TRACK 3L 2m	A282-02-00-	B	N
TRACK 3L 3m	A282-03-00-	B	N



TRACK 3L+N FLUSH MOUNTING*



TRACK 3L FLUSH 1m	A282-11-00-	B	N
TRACK 3L FLUSH 2m	A282-12-00-	B	N
TRACK 3L FLUSH 3m	A282-13-00-	B	N



WEIGHT BEAR CAPACITY

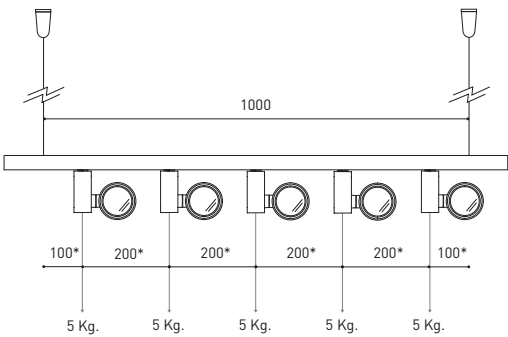
Distancia de fijación y capacidad de carga.
Distancia fijación recomendada l~ 1000 mm.

Fastening distance and loading capacity.
Recommended fastening distance l~ 1000 mm.

Distance de fixation et capacité de charge.
Distance de fixation recommandée l~ 1000 mm.

Distanza di installazione e capacità di carico.
Distanza consigliata di fissazione l~ 1000 mm.

Befestigungsabstand und Belastbarkeit.
Empfohlener Abstand l~ 1000 mm.



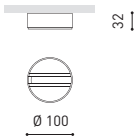
*minimum distance (mm.)

ACCESSORIES

FIT MODEL: ACCESSORIES ONLY IN BLACK FINISH
SIX MODEL: ACCESSORIES NOT AVAILABLE

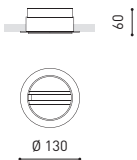
TRACKLIGHT Surface Adapter

0000-55-43-	W
0000-55-39-	N



TRACKLIGHT Recessed Adapter

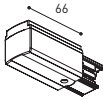
0000-55-44-	W
0000-55-40-	N



TRACK 3L

SURFACE & SUSPENDED

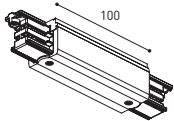
POLARITY
GROOVE



TRACK 3L Live-End Connector

A282-00-01- | B | N |

A282-00-02- | B | N |



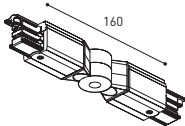
TRACK 3L Central Connector

A282-00-03- | B | N |



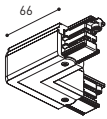
TRACK 3L Ceiling Kit

A219-21-06- | B | N |



TRACK 3L Universal Angle

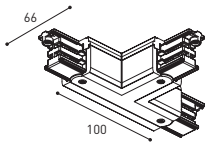
A282-00-15- | B | N |



TRACK 3L 90° Angle

A282-00-06- | B | N |

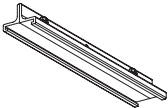
A282-00-07- | B | N |



TRACK 3L T Joint

A282-00-16- | B | N |

A282-00-17- | B | N |



TRACK 3L Mechanical Joint

A219-21-11- | B | N |



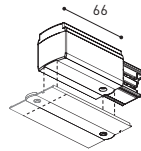
TRACK 3L Suspension Kit

A219-21-10- | B | N |

At least 2 units needed

FLUSH MOUNTING*

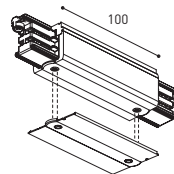
POLARITY
GROOVE



TRACK 3L Live-End Connector

A282-00-01- | B | N |

A282-00-02- | B | N |



TRACK 3L FLUSH Cover Plate

A282-10-19- | B | N |

Mandatory for installation



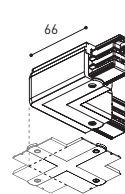
TRACK 3L Central Connector

A282-00-03- | B | N |

TRACK 3L FLUSH Cover Plate

A282-10-19- | B | N |

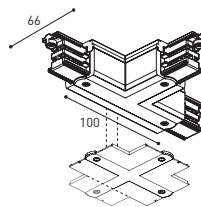
Mandatory for installation



TRACK 3L 90° Angle

A282-00-06- | B | N |

A282-00-07- | B | N |



TRACK 3L FLUSH Corner Cover Plate

A282-10-20- | B | N |

Mandatory for installation



TRACK 3L T Joint

A282-00-16- | B | N |

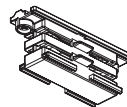
A282-00-17- | B | N |

TRACK 3L FLUSH Corner Cover Plate

A282-10-20- | B | N |

Mandatory for installation

SURFACE & SUSP. / FLUSH MOUNTING



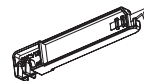
TRACK Contact Joint

A282-00-04- | B | N |



TRACK End

A219-20-02- | B | N |



TRACK Bending Tool

A282-00-00

For tracks its length has been modified

COLOUR | B □ RAL 9016 | N ■ RAL 9005 |

* RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

i » 368

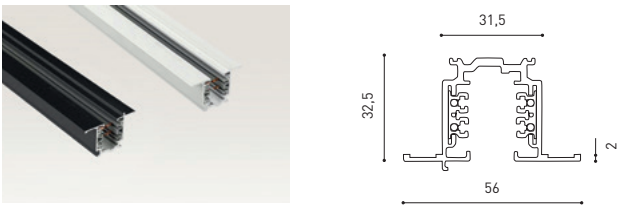
TRACK 3L+N SURFACE & SUSPENDED



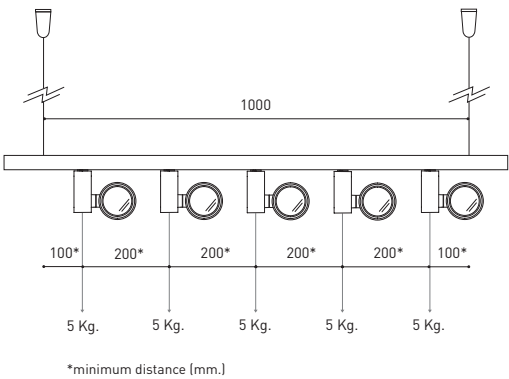
TRACK 3L 1m	A219-21-01-	B	N
TRACK 3L 2m	A219-21-02-	B	N
TRACK 3L 3m	A219-21-03-	B	N



TRACK 3L+N FLUSH MOUNTING*



TRACK 3L FLUSH 1m	A219-22-01-	B	N
TRACK 3L FLUSH 2m	A219-22-02-	B	N
TRACK 3L FLUSH 3m	A219-22-03-	B	N



WEIGHT BEAR CAPACITY

Distancia de fijación y capacidad de carga.
Distancia fijación recomendada l~ 1000 mm.

Fastening distance and loading capacity.
Recommended fastening distance l~ 1000 mm.

Distance de fixation et capacité de charge.
Distance de fixation recommandée l~ 1000 mm.

Distanza di installazione e capacità di carico.
Distanza consigliata di fissazione l~ 1000 mm.

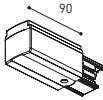
Befestigungsabstand und Belastbarkeit.
Empfohlener Abstand l~ 1000 mm.

TRACK 3L - DIM

SURFACE & SUSPENDED

FLUSH MOUNTING*

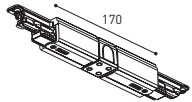
POLARITY
GROOVE



TRACK 3L Live-End Connector

A219-21-04- | B | N |

A219-21-12- | B | N |



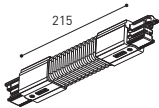
TRACK 3L Central Connector

A219-21-05- | B | N |



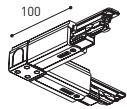
TRACK 3L Ceiling Kit

A219-21-06- | B | N |



TRACK 3L Universal Angle

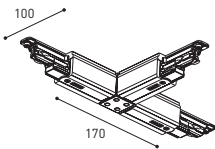
A219-21-07- | B | N |



TRACK 3L 90° Angle

A219-21-08- | B | N |

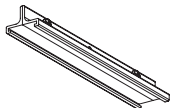
A219-21-13- | B | N |



TRACK 3L T Joint

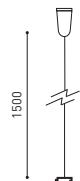
A219-21-09- | B | N |

A219-21-14- | B | N |



TRACK 3L Mechanical Joint

A219-21-11- | B | N |

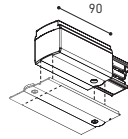


TRACK 3L Suspension Kit

A219-21-10- | B | N |

At least 2 units needed

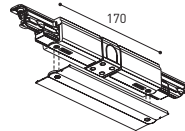
POLARITY
GROOVE



TRACK 3L FLUSH Live-End Connector

A219-21-04- | B | N |

A219-21-12- | B | N |



TRACK 3L FLUSH Central Connector

A219-21-05- | B | N |

TRACK 3L FLUSH Cover Plate

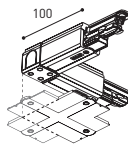
A219-22-10- | B | N |

Mandatory for installation



TRACK 3L FLUSH Ceiling Kit

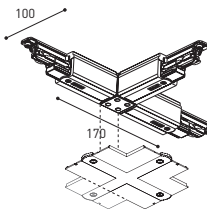
A219-22-06- | B |



TRACK 3L FLUSH 90° Angle

A219-21-08- | B | N |

A219-21-13- | B | N |



TRACK 3L T Joint

A219-21-09- | B | N |

A219-21-14- | B | N |



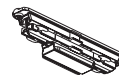
TRACK 3L FLUSH Corner Cover Plate

A219-22-11- | B | N |

Mandatory for installation

Mandatory for installation

SURFACE & SUSP. / FLUSH MOUNTING



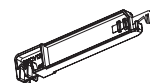
TRACK Contact Joint

A219-20-01- | B | N |



TRACK End

A219-20-02- | B | N |



TRACK Bending Tool

A282-00-00

For tracks its length has been modified

COLOUR | B □ RAL 9016 | N ■ RAL 9005 |

* RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

» 368

CEILING
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FIFTY SURFACE
260



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EXTENDED FAMILY

BLACK FOSTER_024
BLACK FOSTER SUSPENSION_292
BLACK FOSTER CUSTOM_304

BLACK FOSTER SURFACE



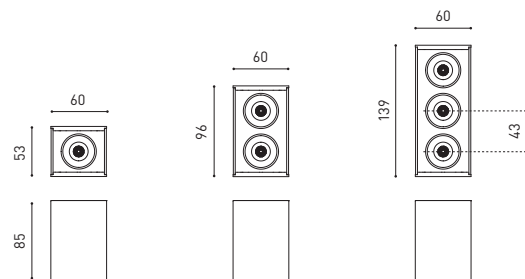
		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 1	A320-10-10- WT NT 	2,1W	2700K	700mA	190Lm	90%
	A320-10-11- WT NT 	2,1W	3000K	700mA	210Lm	90%
	A320-10-12- WT NT 	2,1W	4000K	700mA	250Lm	90%



		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 2	A320-20-10- WT NT 	4,2W	2700K	700mA	380Lm	90%
	A320-20-11- WT NT 	4,2W	3000K	700mA	420Lm	90%
	A320-20-12- WT NT 	4,2W	4000K	700mA	500Lm	90%



		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 3	A320-30-10- WT NT 	6,3W	2700K	700mA	570Lm	90%
	A320-30-11- WT NT 	6,3W	3000K	700mA	630Lm	90%
	A320-30-12- WT NT 	6,3W	4000K	700mA	750Lm	90%





		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 5	A320-40- -0- WT NT	10,5W	2700K	700mA	950Lm	90%
	A320-40- -1- WT NT	10,5W	3000K	700mA	1050Lm	90%
	A320-40- -2- WT NT	10,5W	4000K	700mA	1250Lm	90%

220
240 V~

 IP20
 CRI>90
 L80B10
> 60.000 h

MacAdam
Step 3
 OPTIONS*
 INCL
 UGR <19
 38°

		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 10	A320-50- -0- WT NT	21W	2700K	700mA	1900Lm	90%
	A320-50- -1- WT NT	21W	3000K	700mA	2100Lm	90%
	A320-50- -2- WT NT	21W	4000K	700mA	2500Lm	90%

220
240 V~

 IP20
 CRI>90
 L80B10
> 60.000 h

MacAdam
Step 3
 OPTIONS*
 INCL
 UGR <19
 38°

		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 15	A320-60- -0- WT NT	31,5W	2700K	700mA	2850Lm	90%
	A320-60- -1- WT NT	31,5W	3000K	700mA	3150Lm	90%
	A320-60- -2- WT NT	31,5W	4000K	700mA	3750Lm	90%

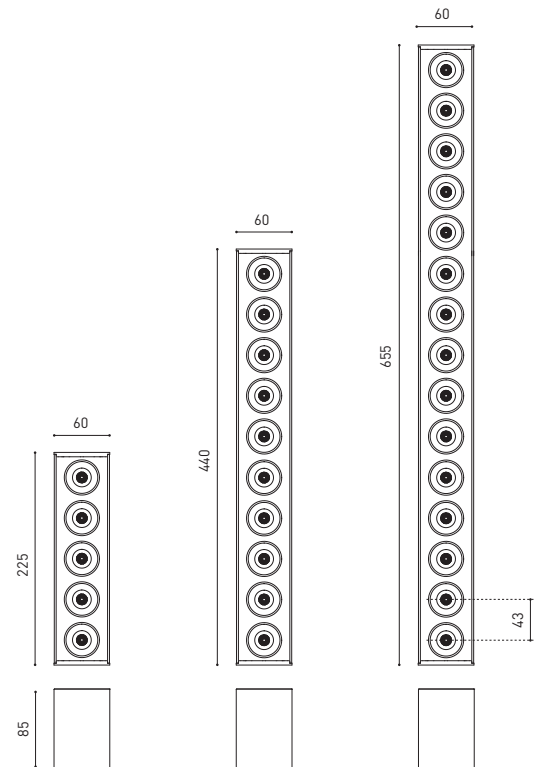
220
240 V~

 IP20
 CRI>90
 L80B10
> 60.000 h

MacAdam
Step 3
 OPTIONS*
 INCL
 UGR <19
 38°

*OPTIONS

1	No DIM
2	DIM DALI
3	DIM Push
4	DIM 1-10V



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | ABS+PC | » 368

» PLEASE CONSULT



Photography: B/Simages



Magama Showroom, Valencia (Spain) | Photography: Héctor Rubio - Images Positive


archiproducts
 DESIGN AWARDS
 —
 WINNER 2018

EXTENDED FAMILY

TOP 48V_192

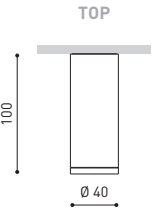
TOP



		P	CCT	Beam	I	Flux	LOR
TOP	A295-00-10- WT NT	4,5W	2700K	20°	500mA	480Lm	92%
	A295-00-11- WT NT	4,5W	3000K	20°	500mA	500Lm	92%
	A295-00-12- WT NT	4,5W	4000K	20°	500mA	515Lm	92%
	A295-00-20- WT NT	4,5W	2700K	30°	500mA	480Lm	89%
	A295-00-21- WT NT	4,5W	3000K	30°	500mA	500Lm	89%
	A295-00-22- WT NT	4,5W	4000K	30°	500mA	515Lm	89%
	A295-00-30- WT NT	4,5W	2700K	56°	500mA	480Lm	86%
	A295-00-31- WT NT	4,5W	3000K	56°	500mA	500Lm	86%
	A295-00-32- WT NT	4,5W	4000K	56°	500mA	515Lm	86%

LED | 220 V~ | 240 | CE | IP20 | CRI>90 | L80B10 > 60.000 h

MacAdam Step 2 | INCL | UGR <19 | 20° / 30° / 56°



ACCESSORIES

NOT SOLD SEPARATELY

TOP High Chromatic LED*

LED | i » 366

TOP Beam Mixer Diffuser* 0805-01-00



TOP Anti-glare Honeycomb Louver* 0807-00-00 | WT | NT |



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

i » 368

* AFFECTS THE LIGHTING PARAMETERS



Merkato, Valencia (Spain) | Design: Francesc Rifé Studio | Photography: David Zarzoso · Fotografía de arquitectura

Note: Top installed in a long hollow suspended metallic piece.





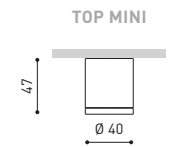
			P	CCT	Beam	Flux	LOR
TOP Mini	A296-00-10-	WT NT	4,5 / 6,5W	2700K	20°	480 / 610Lm	92%
	A296-00-11-	WT NT	4,5 / 6,5W	3000K	20°	500 / 640Lm	92%
	A296-00-12-	WT NT	4,5 / 6,5W	4000K	20°	515 / 655Lm	92%
	A296-00-20-	WT NT	4,5 / 6,5W	2700K	30°	480 / 610Lm	89%
	A296-00-21-	WT NT	4,5 / 6,5W	3000K	30°	500 / 640Lm	89%
	A296-00-22-	WT NT	4,5 / 6,5W	4000K	30°	515 / 655Lm	89%
	A296-00-30-	WT NT	4,5 / 6,5W	2700K	56°	480 / 610Lm	86%
	A296-00-31-	WT NT	4,5 / 6,5W	3000K	56°	500 / 640Lm	86%
	A296-00-32-	WT NT	4,5 / 6,5W	4000K	56°	515 / 655Lm	86%

LED | CE | IP20 | CRI>90 | L80B10 >60.000h



DRIVER OPTIONS*	1 to 4 Top Mini	P	I
PUSH / 1-10V DALI	0434-00-42-	4,5W	500mA
	0434-00-40-	6,5W	700mA
	0434-00-43-	4,5W	500mA
	0434-00-45-	6,5W	700mA
	0434-00-44-	4,5W	500mA
	0434-00-46-	6,5W	700mA

DRIVER MUST BE PLACED ON REMOTE



ACCESSORIES

NOT SOLD SEPARATELY

TOP High Chromatic LED**

LED ⓘ » 366

TOP Beam Mixer Diffuser** 0805-01-00



TOP Anti-glare Honeycomb Louver** 0807-00-00 | WT | NT |



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

ⓘ » 368

** AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT





Private Residence Binchang rise, Singapore (Singapore) | Design & Photography: HYL& Architects



EXTENDED FAMILY

SCOPE_280

SCOPE SURFACE



		P	CCT	I	Flux	LOR
SCOPE 35 Surface	A260-30- 00 -0- WW WG WR NN NG	7W	2700K	200mA	910Lm	89%
	A260-30- 00 -1- WW WG WR NN NG	7W	3000K	200mA	940Lm	89%
	A260-30- 00 -2- WW WG WR NN NG	7W	4000K	200mA	960Lm	89%
LED	220 240 V~	01 CE		IP20	CRI>90	L80B10 > 60.000h
		MacAdam Step 2	OPTIONS*	FAST I CONNEC	INCL	47°

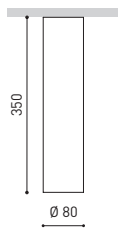


		P	CCT	I	Flux	LOR
SCOPE 27 Surface	A260-20- 00 -0- WW WG WR NN NG	7W	2700K	200mA	910Lm	89%
	A260-20- 00 -1- WW WG WR NN NG	7W	3000K	200mA	940Lm	89%
	A260-20- 00 -2- WW WG WR NN NG	7W	4000K	200mA	960Lm	89%
LED	220 240 V~	01 CE		IP20	CRI>90	L80B10 > 60.000h
		MacAdam Step 2	OPTIONS*	FAST I CONNEC	INCL	47°

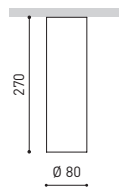


		P	CCT	I	Flux	LOR
SCOPE 21 Surface	A260-10-00- WW WG WR NN NG	7W	2700K	200mA	910Lm	89%
	A260-10-01- WW WG WR NN NG	7W	3000K	200mA	940Lm	89%
	A260-10-02- WW WG WR NN NG	7W	4000K	200mA	960Lm	89%
LED	220 240 V~	01 CE		IP20	CRI>90	L80B10 > 60.000h
		MacAdam Step 2	FAST I CONNEC	INCL	47°	

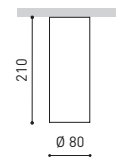
SCOPE 35 SURFACE



SCOPE 27 SURFACE



SCOPE 21 SURFACE



00	*OPTIONS
0	DIM Phase cut
1	DIM Push
2	DIM 1-10V
3	DIM DALI

COLOUR | WW  | WG  | WR  | NN  | NG  | MATERIAL |  AL |  PC | RAL  » 365

OTHER COLOURS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS

 » PLEASE CONSULT



WayCO. Coworking, Valencia (Spain) | Photography: Héctor Rubio · Images Positive



EXTENDED FAMILY

PUCK RECESSED_078

PUCK



		P	CCT	Flux	LOR
PUCK S	A251-00-00- WT NT	8W	2700K	600Lm	80%
	A251-00-01- WT NT	8W	3000K	640Lm	80%
	A251-00-02- WT NT	8W	4000K	660Lm	80%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L70B50 >36.000 h



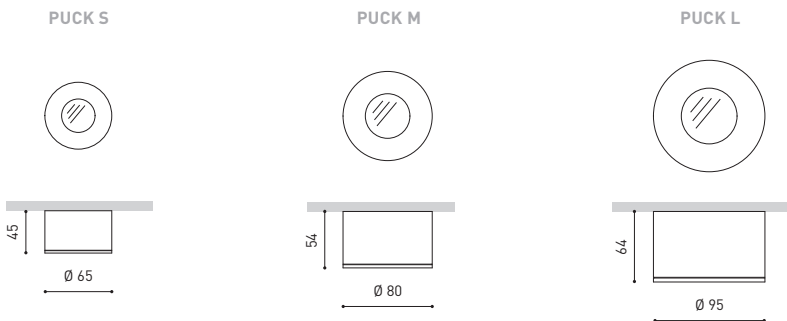
		P	CCT	Flux	LOR
PUCK M	A251-10-00- WT NT	12W	2700K	960Lm	82%
	A251-10-01- WT NT	12W	3000K	1020Lm	82%
	A251-10-02- WT NT	12W	4000K	1080Lm	82%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L70B50 >36.000 h



		P	CCT	Flux	LOR
PUCK L	A251-20-00- WT NT	20W	2700K	1500Lm	80%
	A251-20-01- WT NT	20W	3000K	1600Lm	80%
	A251-20-02- WT NT	20W	4000K	1660Lm	80%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L70B50 >36.000 h



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | OPTICAL GLASS | ⓘ » 368



Kungla 33, Tallin (Estonia) | Design: Arhitektibüroo Nagel | Development: Treasure Capital | Photography: Erlend Staub

EXTENDED FAMILY | ORBITAL_138

ORBITAL SURFACE



					P	CCT	Beam	I	Flux	LOR
ORBITAL SURFACE 1 LarK-111	A01-	⊗ -11-10-	W N Z		6,5W	2700K	19°	200mA	900Lm	92%
	A01-	⊗ -11-11-	W N Z		6,5W	3000K	19°	200mA	940Lm	92%
	A01-	⊗ -11-12-	W N Z		6,5W	4000K	19°	200mA	950Lm	92%
	A01-	⊗ -11-20-	W N Z		6,5W	2700K	40°	200mA	900Lm	86%
	A01-	⊗ -11-21-	W N Z		6,5W	3000K	40°	200mA	940Lm	86%
	A01-	⊗ -11-22-	W N Z		6,5W	4000K	40°	200mA	950Lm	86%
	A01-	⊗ -13-10-	W N Z		12W	2700K	19°	350mA	1440Lm	92%
	A01-	⊗ -13-11-	W N Z		12W	3000K	19°	350mA	1500Lm	92%
	A01-	⊗ -13-12-	W N Z		12W	4000K	19°	350mA	1520Lm	92%
	A01-	⊗ -13-20-	W N Z		12W	2700K	40°	350mA	1440Lm	86%
	A01-	⊗ -13-21-	W N Z		12W	3000K	40°	350mA	1500Lm	86%
	A01-	⊗ -13-22-	W N Z		12W	4000K	40°	350mA	1520Lm	86%

LED | 220 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



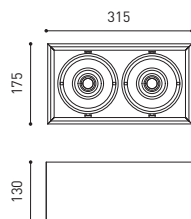
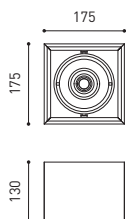
					P	CCT	Beam	I	Flux	LOR
ORBITAL SURFACE 2 LarK-111	A01-	⊗ -21-10-	W N Z		2 X 6,5W	2700K	19°	200mA	2 X 900Lm	92%
	A01-	⊗ -21-11-	W N Z		2 X 6,5W	3000K	19°	200mA	2 X 940Lm	92%
	A01-	⊗ -21-12-	W N Z		2 X 6,5W	4000K	19°	200mA	2 X 950Lm	92%
	A01-	⊗ -21-20-	W N Z		2 X 6,5W	2700K	40°	200mA	2 X 900Lm	86%
	A01-	⊗ -21-21-	W N Z		2 X 6,5W	3000K	40°	200mA	2 X 940Lm	86%
	A01-	⊗ -21-22-	W N Z		2 X 6,5W	4000K	40°	200mA	2 X 950Lm	86%
	A01-	⊗ -23-10-	W N Z		2 X 12W	2700K	19°	350mA	2 X 1440Lm	92%
	A01-	⊗ -23-11-	W N Z		2 X 12W	3000K	19°	350mA	2 X 1500Lm	92%
	A01-	⊗ -23-12-	W N Z		2 X 12W	4000K	19°	350mA	2 X 1520Lm	92%
	A01-	⊗ -23-20-	W N Z		2 X 12W	2700K	40°	350mA	2 X 1440Lm	86%
	A01-	⊗ -23-21-	W N Z		2 X 12W	3000K	40°	350mA	2 X 1500Lm	86%
	A01-	⊗ -23-22-	W N Z		2 X 12W	4000K	40°	350mA	2 X 1520Lm	86%

LED | 220 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



⊗ OPTIONS

1	LarK-111
2	LarK-111 Honeycomb**



LarK-111



LarK-111 Honeycomb**

COLOUR | W □ RAL 9016 | N ■ RAL 9005 | Z ■ RAL 9006 | MATERIAL | AL

» 368

* OTHER DIM OPTIONS PLEASE CONSULT | ** AFFECTS THE LIGHTING PARAMETERS

» PLEASE CONSULT



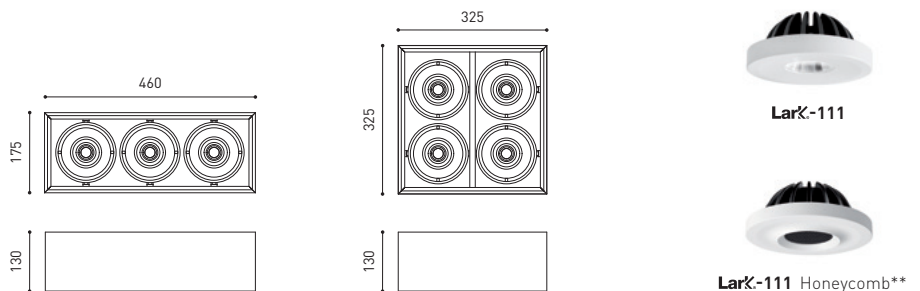
						P	CCT	Beam	I	Flux	LOR
ORBITAL SURFACE 3 Lark-111	A01-	⊗	-31-10-	W N Z		3 X 6,5W	2700K	19°	200mA	3 X 900Lm	92%
	A01-	⊗	-31-11-	W N Z		3 X 6,5W	3000K	19°	200mA	3 X 940Lm	92%
	A01-	⊗	-31-12-	W N Z		3 X 6,5W	4000K	19°	200mA	3 X 950Lm	92%
	A01-	⊗	-31-20-	W N Z		3 X 6,5W	2700K	40°	200mA	3 X 900Lm	86%
	A01-	⊗	-31-21-	W N Z		3 X 6,5W	3000K	40°	200mA	3 X 940Lm	86%
	A01-	⊗	-31-22-	W N Z		3 X 6,5W	4000K	40°	200mA	3 X 950Lm	86%
	A01-	⊗	-33-10-	W N Z		3 X 12W	2700K	19°	350mA	3 X 1440Lm	92%
	A01-	⊗	-33-11-	W N Z		3 X 12W	3000K	19°	350mA	3 X 1500Lm	92%
	A01-	⊗	-33-12-	W N Z		3 X 12W	4000K	19°	350mA	3 X 1520Lm	92%
	A01-	⊗	-33-20-	W N Z		3 X 12W	2700K	40°	350mA	3 X 1440Lm	86%
	A01-	⊗	-33-21-	W N Z		3 X 12W	3000K	40°	350mA	3 X 1500Lm	86%
	A01-	⊗	-33-22-	W N Z		3 X 12W	4000K	40°	350mA	3 X 1520Lm	86%



						P	CCT	Beam	I	Flux	LOR
ORBITAL SURFACE 4 Lark-111	A01-	⊗	-41-10-	W N Z		4 X 6,5W	2700K	19°	200mA	4 X 900Lm	92%
	A01-	⊗	-41-11-	W N Z		4 X 6,5W	3000K	19°	200mA	4 X 940Lm	92%
	A01-	⊗	-41-12-	W N Z		4 X 6,5W	4000K	19°	200mA	4 X 950Lm	92%
	A01-	⊗	-41-20-	W N Z		4 X 6,5W	2700K	40°	200mA	4 X 900Lm	86%
	A01-	⊗	-41-21-	W N Z		4 X 6,5W	3000K	40°	200mA	4 X 940Lm	86%
	A01-	⊗	-41-22-	W N Z		4 X 6,5W	4000K	40°	200mA	4 X 950Lm	86%
	A01-	⊗	-43-10-	W N Z		4 X 12W	2700K	19°	350mA	4 X 1440Lm	92%
	A01-	⊗	-43-11-	W N Z		4 X 12W	3000K	19°	350mA	4 X 1500Lm	92%
	A01-	⊗	-43-12-	W N Z		4 X 12W	4000K	19°	350mA	4 X 1520Lm	92%
	A01-	⊗	-43-20-	W N Z		4 X 12W	2700K	40°	350mA	4 X 1440Lm	86%
	A01-	⊗	-43-21-	W N Z		4 X 12W	3000K	40°	350mA	4 X 1500Lm	86%
	A01-	⊗	-43-22-	W N Z		4 X 12W	4000K	40°	350mA	4 X 1520Lm	86%



⊗	OPTIONS
1	Lark-111
2	Lark-111 Honeycomb**



COLOUR | W □ RAL 9016 | N ■ RAL 9005 | Z ■ RAL 9006 | MATERIAL | AL | i » 368

* OTHER DIM OPTIONS PLEASE CONSULT | ** AFFECTS THE LIGHTING PARAMETERS » PLEASE CONSULT





Photography: James Silverman

BLOCK



			P	CCT	I	Flux	LOR
BLOCK 1	A270-11-11-	W N	10,5W	3000K	350mA	1650Lm	83%
	A270-11-12-	W N	10,5W	4000K	350mA	1675Lm	83%
BLOCK 2	A270-12-11-	W N	15,5W	3000K	500mA	2275Lm	83%
	A270-12-12-	W N	15,5W	4000K	500mA	2300Lm	83%
BLOCK 3	A270-13- ① -1-	W N	22W	3000K	700mA	3000Lm	83%
	A270-13- ① -2-	W N	22W	4000K	700mA	3050Lm	83%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h

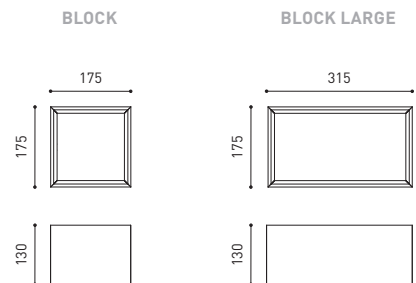


			P	CCT	I	Flux	LOR
BLOCK Large 1	A270-21-11-	W N	21W	3000K	350mA	3300Lm	83%
	A270-21-12-	W N	21W	4000K	350mA	3350Lm	83%
BLOCK Large 2	A270-22-11-	W N	31W	3000K	500mA	4550Lm	83%
	A270-22-12-	W N	31W	4000K	500mA	4600Lm	83%
BLOCK Large 3	A270-23- ① -1-	W N	44W	3000K	700mA	6000Lm	83%
	A270-23- ① -2-	W N	44W	4000K	700mA	6100Lm	83%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



①	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | W □ RAL 9016 | N ■ RAL 9005 |

MATERIAL | AL | PMMA |

» 368

» PLEASE CONSULT



Private Residence, Madrid (Spain) | Design: Blanca Hernández | Photography: Jesús Granada - Fotografía de Arquitectura



SKY



		P	CCT	I	Flux	LOR
SKY 2	A195-02- -1- WT	15W	3000K	350mA	2450Lm	81%
	A195-02- -2- WT	15W	4000K	350mA	2500Lm	81%
SKY 3	A195-03- -1- WT	22W	3000K	500mA	3450Lm	81%
	A195-03- -2- WT	22W	4000K	500mA	3500Lm	81%
SKY 4	A195-04- -1- WT	31W	3000K	700mA	4700Lm	81%
	A195-04- -2- WT	31W	4000K	700mA	4775Lm	81%
SKY 5	A195-05- -1- WT	40W	3000K	900mA	5825Lm	81%
	A195-05- -2- WT	40W	4000K	900mA	5925Lm	81%

| 220-240 V~ | IP20 | CRI>90 | L80B10 > 60.000 h

MacAdam Step 2

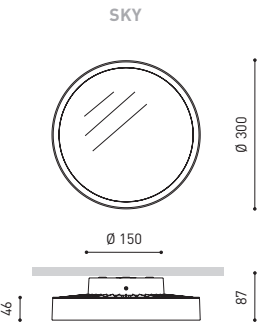
OPTIONS*

INCL

105°

*OPTIONS

1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | WT RAL 9016 |

MATERIAL | AL | PMMA |

» 368

» PLEASE CONSULT



Balaguer Advisory offices, Valencia (Barcelona) | Design: Espai Asimètric | Photography: Alejandra Gómez

EXTENDED FAMILY

STRAM_098

STRAM SURFACE



					P	CCT	I	Flux	LOR
STRAM SURFACE 1	A246-01-11-	WT	NT	ZT	10,5W	3000K	350mA	1650Lm	87%
	A246-01-12-	WT	NT	ZT	10,5W	4000K	350mA	1675Lm	87%
STRAM SURFACE 2	A246-02-11-	WT	NT	ZT	15,5W	3000K	500mA	2275Lm	87%
	A246-02-12-	WT	NT	ZT	15,5W	4000K	500mA	2300Lm	87%
STRAM SURFACE 3	A246-03- ① -1-	WT	NT	ZT	22W	3000K	700mA	3025Lm	87%
	A246-03- ① -2-	WT	NT	ZT	22W	4000K	700mA	3075Lm	87%

LED | 220-240 V~ | 01 | CE | IP20 | CRI>90 | L80B10 >60.000h

MacAdam Step 2

OPTIONS*

CONNEC

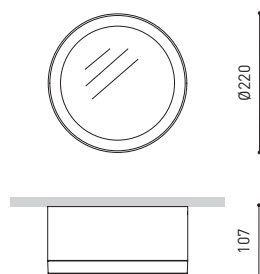
INCL

99°

①	*OPTIONS
1	No DIM
2	DIM DALI Push / 1-10V



STRAM SURFACE



COLOUR | WT RAL 9016 | NT RAL 9005 | ZT RAL 9006 |

MATERIAL | AL | PMMA |

» 368

PRISMATIC DIFFUSER PLEASE CONSULT

» PLEASE CONSULT



Arkoslight Headquarters, Valencia (Spain) | Design: Francesc Rifé Studio | Architect: Víctor García Martínez Arquitecto | Photography: Héctor Rubio - Images Positive



reddot design award
winner 2016



A' DESIGN AWARD
WINNER 2016
BRONZE

EXTENDED FAMILY

DRUM SUSPENSION_288

DRUM



		P	CCT	I	Flux	LOR
DRUM 90	A239-20-31- WT NT	119W	3000K	700mA	16100Lm	87%
	A239-20-32- WT NT	119W	4000K	700mA	16350Lm	87%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000h

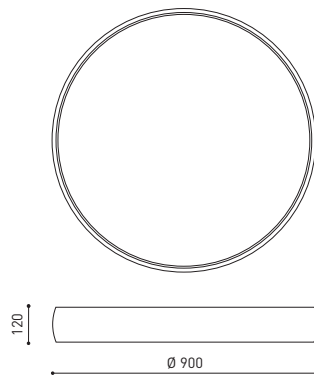


		P	CCT	I	Flux	LOR
DRUM 70	A239-10-31- WT NT	59,5W	3000K	700mA	8050Lm	87%
	A239-10-32- WT NT	59,5W	4000K	700mA	8175Lm	87%

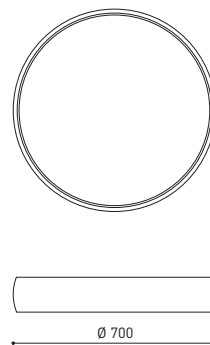
LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000h



DRUM 90



DRUM 70



COLOUR | WT ☐ RAL 9016 | NT ☒ RAL 9005 | MATERIAL | ☒ AL | ☐ PMMA |

» 368

» PLEASE CONSULT







Idai Nature offices, Valencia (Spain) | Design: Rubén Muedra - Estudio de Arquitectura | Photography: Adrián Mora Maroto

EXTENDED FAMILY

FIFTY_114
FIFTY SUSPENSION_298
FIFTY CUSTOM_318
FIFTY WALL_344

FIFTY SURFACE



		P	CCT	I	Flux	LOR	L
FIFTY SURFACE 90	A232-01- Ⓞ -1- WT NT	15,3W	3000K	600mA	2190Lm	70%	864mm
	A232-01- Ⓞ -2- WT NT	15,3W	4000K	600mA	2250Lm	70%	864mm
FIFTY SURFACE 120	A232-02- Ⓞ -1- WT NT	20,4W	3000K	600mA	2920Lm	70%	1148mm
	A232-02- Ⓞ -2- WT NT	20,4W	4000K	600mA	3000Lm	70%	1148mm
FIFTY SURFACE 150	A232-03- Ⓞ -1- WT NT	25,5W	3000K	600mA	3650Lm	70%	1432mm
	A232-03- Ⓞ -2- WT NT	25,5W	4000K	600mA	3750Lm	70%	1432mm
FIFTY SURFACE 300	A232-04- Ⓞ -1- WT NT	51W	3000K	600mA	7300Lm	70%	2852mm
	A232-04- Ⓞ -2- WT NT	51W	4000K	600mA	7500Lm	70%	2852mm

		P	CCT	I	Flux	LOR	L
FIFTY H0 SURFACE 90	A292-01- Ⓞ -1- WT NT	23,1W	3000K	900mA	3225Lm	70%	864mm
	A292-01- Ⓞ -2- WT NT	23,1W	4000K	900mA	3300Lm	70%	864mm
FIFTY H0 SURFACE 120	A292-02- Ⓞ -1- WT NT	30,8W	3000K	900mA	4300Lm	70%	1148mm
	A292-02- Ⓞ -2- WT NT	30,8W	4000K	900mA	4400Lm	70%	1148mm
FIFTY H0 SURFACE 150	A292-03- Ⓞ -1- WT NT	38,5W	3000K	900mA	5375Lm	70%	1432mm
	A292-03- Ⓞ -2- WT NT	38,5W	4000K	900mA	5500Lm	70%	1432mm
FIFTY H0 SURFACE 300	A292-04- Ⓞ -1- WT NT	77W	3000K	900mA	10750Lm	70%	2852mm
	A292-04- Ⓞ -2- WT NT	77W	4000K	900mA	11000Lm	70%	2852mm

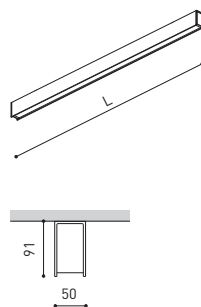
LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000 h



Ⓞ *OPTIONS

1	No DIM
2	DIM Push / DALI

FIFTY SURFACE



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC |

i » 368

» PLEASE CONSULT



EXTENDED FAMILY

iO 48V_186

iO_204

iO RECESSED PROFILE_326

iO SURFACE



				P	CCT	Beam	I	Flux	LOR
IO Surface	A263-00-10-	WT	NT	4,5W	2700K	20°	500mA	485Lm	92%
	A263-00-11-	WT	NT	4,5W	3000K	20°	500mA	505Lm	92%
	A263-00-12-	WT	NT	4,5W	4000K	20°	500mA	520Lm	92%
	A263-00-20-	WT	NT	4,5W	2700K	30°	500mA	485Lm	89%
	A263-00-21-	WT	NT	4,5W	3000K	30°	500mA	505Lm	89%
	A263-00-22-	WT	NT	4,5W	4000K	30°	500mA	520Lm	89%
	A263-00-30-	WT	NT	4,5W	2700K	56°	500mA	485Lm	86%
	A263-00-31-	WT	NT	4,5W	3000K	56°	500mA	505Lm	86%
	A263-00-32-	WT	NT	4,5W	4000K	56°	500mA	520Lm	86%

LED

220
240 V~

CE

IP20

CRI>90

L90B10
> 60.000 h

MacAdam
Step 2

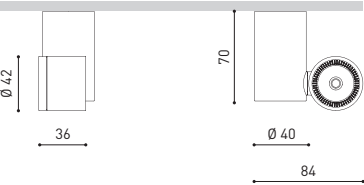
CONNEC

INCL

355°

325°

20° / 30° / 56°



ACCESSORIES

NOT SOLD SEPARATELY

IO High Chromatic LED*

LED

» 366

IO Beam Mixer Diffuser* 0805-01-00



IO Anti-glare Honeycomb Louver* 0806-00-00 | WT | NT |



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | PC | » 368

* AFFECTS THE LIGHTING PARAMETERS



Note: For this shop, a special version of iO was designed, equipped with a 'profilier' in order to obtain more concentrated beams of light. Product: iO Surface Custom.

Bang & Olufsen Shop, Valencia (Spain) | Design: Alfredo Monzó | Photography: Héctor Rubio - Images Positive





Private residence, San Sebastián (Spain) | Design: Ziako Interiorismo | Photography: José Manuel Belsa Fotógrafo de Arquitectura



EXTENDED FAMILY

ZEN TUBE 48V_188
ZEN TUBE_222

ZEN TUBE SURFACE



		P	CCT	I	Flux	LOR
ZEN TUBE Surface 1	A284-11- Ⓞ -1- WT NT	12W	3000K	350mA	1640Lm	90%
	A284-11- Ⓞ -2- WT NT	12W	4000K	350mA	1670Lm	90%
ZEN TUBE Surface 2	A284-12- Ⓞ -1- WT NT	17W	3000K	500mA	2220Lm	90%
	A284-12- Ⓞ -2- WT NT	17W	4000K	500mA	2250Lm	90%
ZEN TUBE Surface 3	A284-13- Ⓞ -1- WT NT	23W	3000K	700mA	3190Lm	90%
	A284-13- Ⓞ -2- WT NT	23W	4000K	700mA	3240Lm	90%

LED

220 V~

CE

IP20

CRI>90

L80B10 >60.000h

MacAdam Step 2

OPTIONS*

INCL

355°

270°

16° / 24° / 42°

Ⓞ	BEAM OPTIONS
1	16°
2	24°
3	42°

ACCESSORIES

NOT SOLD SEPARATELY

ZEN High Chromatic LED**

LED

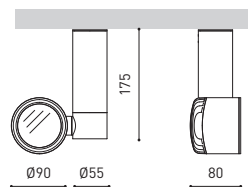
» 366

ZEN ANTI-GLARE HONEYCOMB Louver** 0702-02-00

ZEN ELLIPTICAL REFRACTOR** 0700-08-00

ZEN Beam Mixer Diffuser** 0805-02-00

ZEN TUBE SURFACE



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | GL-TRANS | » 368

OTHER CCT PLEASE CONSULT | * DIM OPTIONS PLEASE CONSULT | ** AFFECTS THE LIGHTING PARAMETERS » PLEASE CONSULT

CEILING
RECESSED_022
TRACKLIGHTS_166
SURFACE_230
SUSPENSION_268
CUSTOM
SYSTEMS_302
WALL & FLOOR_328
LARK &
ACCESSORIES_352



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HOLLY
276



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SCOPE
280



SALT
282



BRIGIT
286



DRUM SUSPENSION
288



BLACK FOSTER SUSPENSION
292



SLIMGOT
296



FIFTY SUSPENSION
298



Arkoslight Headquarters, Valencia (Spain) | Design: Francesc Rifé Studio | Architect: Víctor García Martínez Arquitecto | Photography: David Zarzoso · Fotografía de arquitectura



reddot design award
winner 2019

ART



					P	CCT	I	Flux	LOR
ART Direct & Indirect	A343-00-10-	WT	NT	BC	6,3W	2700K	700mA	570Lm	93%
	A343-00-11-	WT	NT	BC	6,3W	3000K	700mA	630Lm	93%
	A343-00-20-	WT	NT	BC	6,3W	2700K	700mA	570Lm	93%
	A343-00-21-	WT	NT	BC	6,3W	3000K	700mA	630Lm	93%



LED

220 V~
240

CE

IP20

CRI>90

L80B10
> 60.000h

MacAdam Step 3

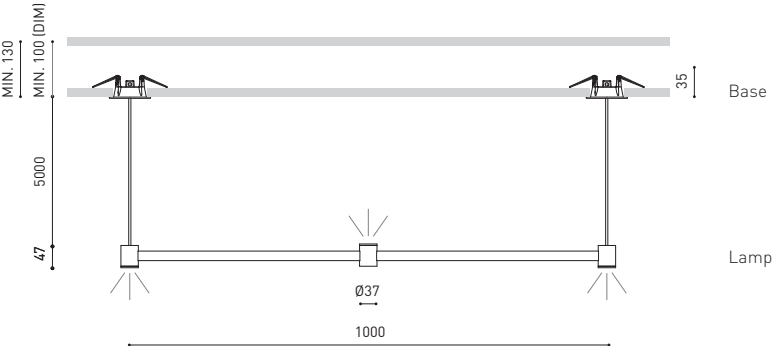
INCL

2 X Ø50

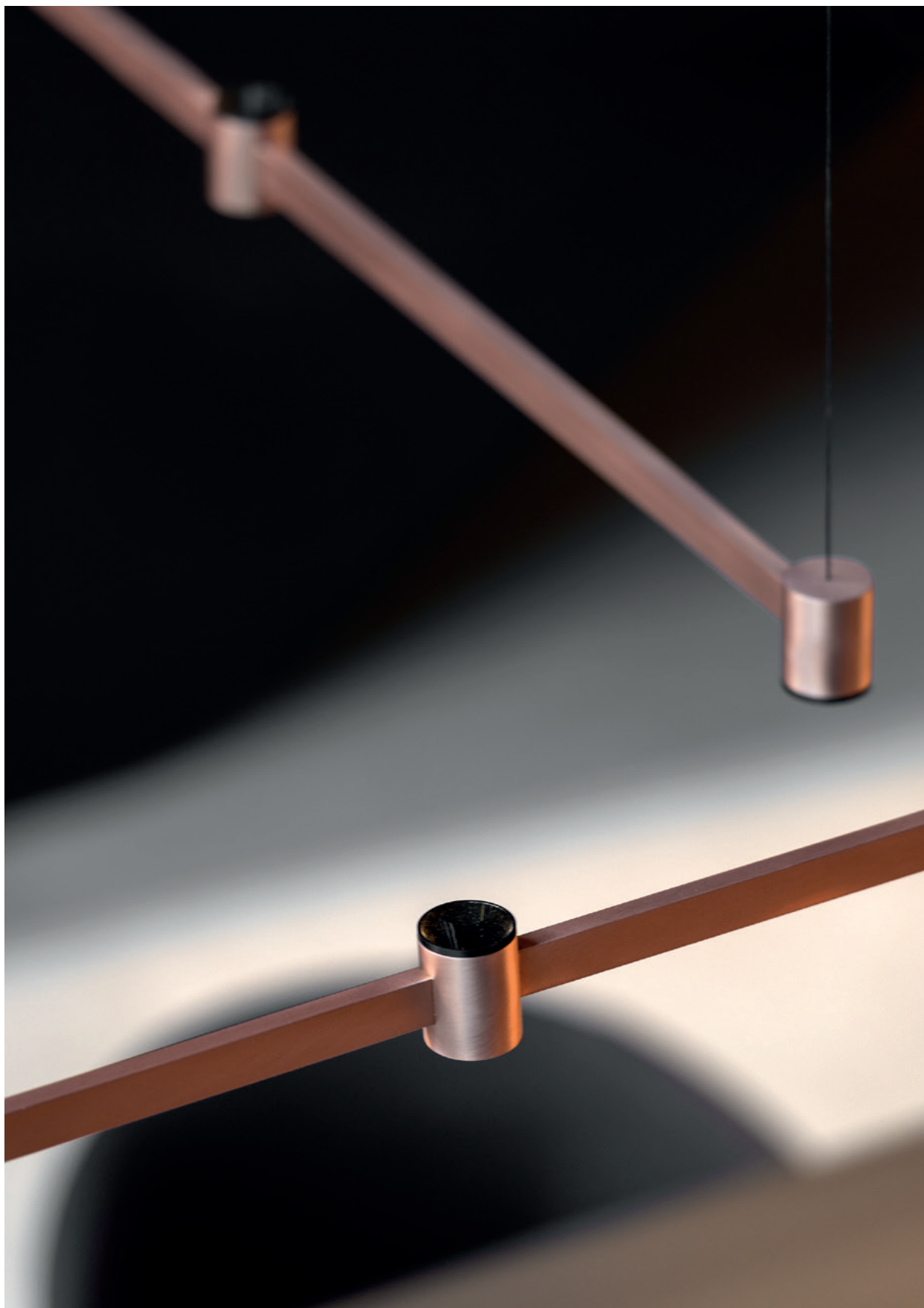
UGR <19

35°

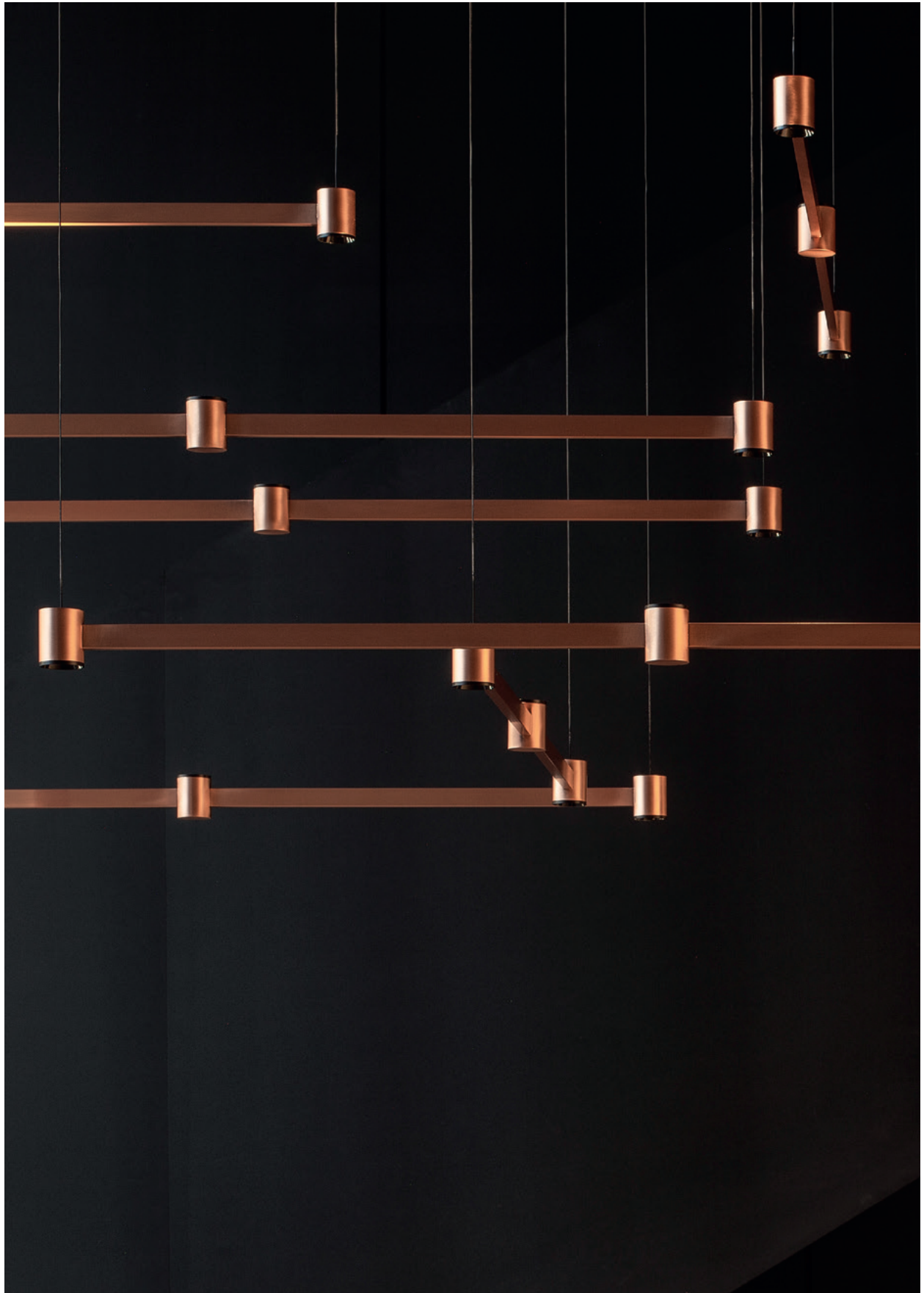
ART DIRECT & INDIRECT



FINISHING**	Lamp	Base
WT	WT	WT
NT	NT	NT
BC	WT	WT



Arkoslight Headquarters, Valencia (Spain) | Design: Francesc Rifé Studio | Architect: Víctor García Martínez Arquitecto | Photography: Héctor Rubio - Images Positive





					P	CCT	I	Flux	LOR
ART	A342-00-10-	WT	NT	BC	6,3W	2700K	700mA	570Lm	93%
	A342-00-11-	WT	NT	BC	6,3W	3000K	700mA	630Lm	93%
	A342-00-20-	WT	NT	BC	6,3W	2700K	700mA	570Lm	93%
	A342-00-21-	WT	NT	BC	6,3W	3000K	700mA	630Lm	93%

LED

220 V~

CE

IP20

CRI>90

L80B10 > 60.000 h

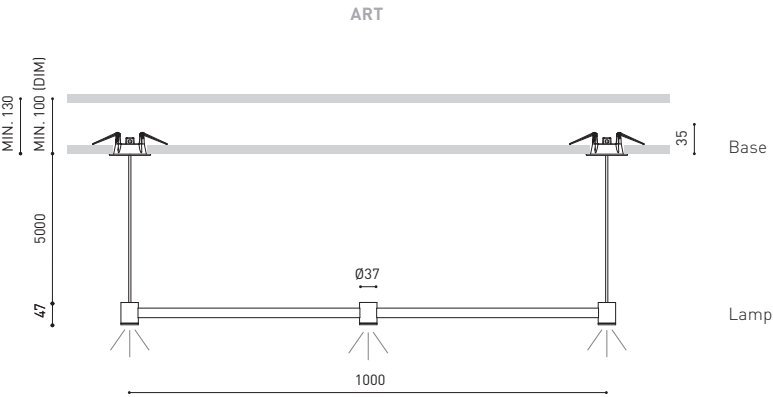
MacAdam Step 3

INCL

2 X Ø50

UGR <19

35°



FINISHING**	Lamp	Base
WT	□	□
NT	■	■
BC	■	□





Arkostlight Stand, Light + Building 2018, Frankfurt (Germany) | Design: Francesc Rifé Studio | Photography: David Zarzoso - Fotografía de arquitectura

EXTENDED FAMILY

HOLLY 48V_194

HOLLY



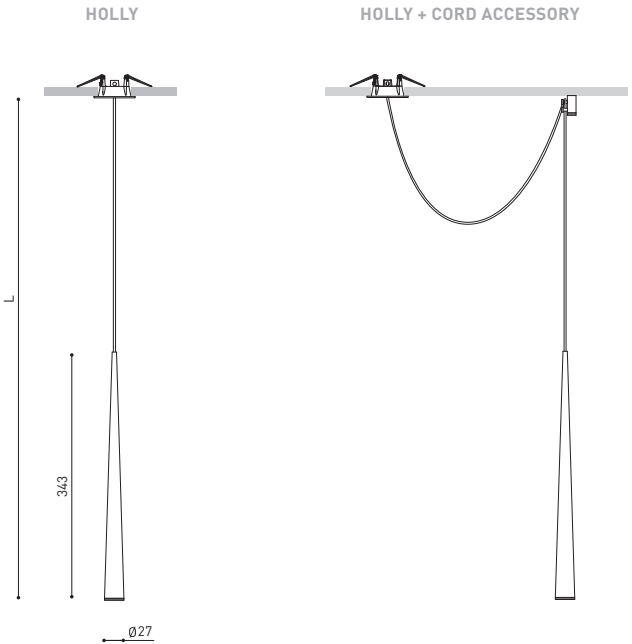
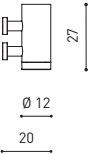
		P	CCT	Beam	I	Flux	LOR
HOLLY	A281- -0-00- WT NT	2,1W	2700K	17°	700mA	190Lm	92%
	A281- -0-01- WT NT	2,1W	3000K	17°	700mA	210Lm	92%
	A281- -0-10- WT NT	2,1W	2700K	35°	700mA	190Lm	93%
	A281- -0-11- WT NT	2,1W	3000K	35°	700mA	210Lm	93%

| 220 240 V~ | IP20 | CRI>90 | L80B10 > 60.000h

MacAdam Step 3 | OPTIONS* | INCL | Ø50 | 17° / 35°

	CORD LENGTH - L
0	2 m
1	3 m
2	5 m

HOLLY Cord Accessory			
0223-00-00-	WT	NT	



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | ABS | » 368

* DIM OPTIONS PLEASE CONSULT » PLEASE CONSULT



Private Loft at Ciudad Ros Casares, Valencia (Spain) | Design: Rubén Muedra Estudio de Arquitectura | Photographies: Héctor Rubio · Images Positive



EXTENDED FAMILY

SPIN 48V_196

SPIN



					P	CCT	Beam	I	Flux	LOR
SPIN	A222-	Ø -2-01-	WT	NT	6,5W	3000K	24°	700mA	630Lm	86%
	A222-	Ø -2-02-	WT	NT	6,5W	4000K	24°	700mA	680Lm	86%
	A222-	Ø -2-11-	WT	NT	6,5W	3000K	40°	700mA	630Lm	84%
	A222-	Ø -2-12-	WT	NT	6,5W	4000K	40°	700mA	680Lm	84%

LED	220 240 V~	CE	IP20	CRI>90	L80B10 > 60.000 h	MacAdam Step 2	PHASE CUT *	INCL	Ø50	24° / 40°
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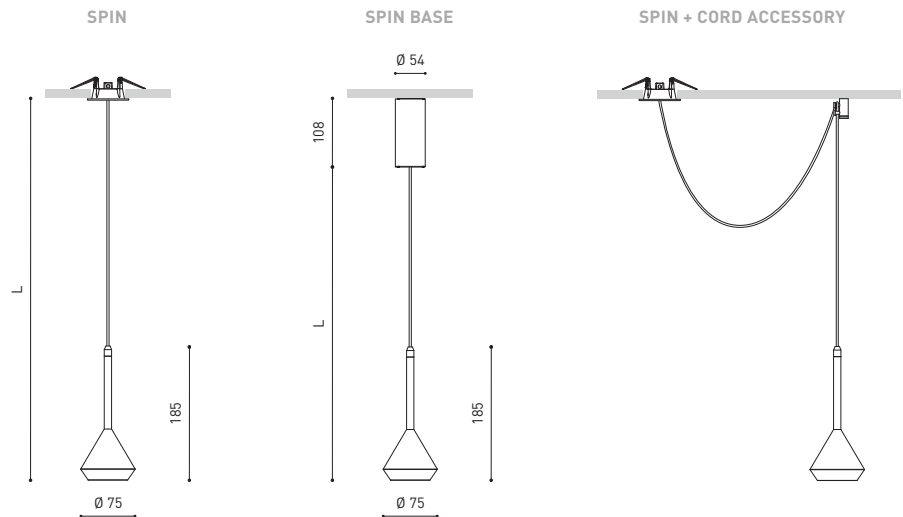
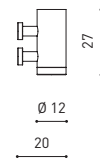
					P	CCT	Beam	I	Flux	LOR
SPIN Base	A221-	Ø -2-01-	WT	NT	6,5W	3000K	24°	700mA	630Lm	86%
	A221-	Ø -2-02-	WT	NT	6,5W	4000K	24°	700mA	680Lm	86%
	A221-	Ø -2-11-	WT	NT	6,5W	3000K	40°	700mA	630Lm	84%
	A221-	Ø -2-12-	WT	NT	6,5W	4000K	40°	700mA	680Lm	84%

LED	220 240 V~	CE	IP20	CRI>90	L80B10 > 60.000 h	MacAdam Step 2	PHASE CUT *	INCL	24° / 40°
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Ø	CORD LENGTH - L
0	2 m
1	3 m
2	5 m

SPIN Cord Accessory

0223-00-00-	WT	NT
-------------	----	----



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | PMMA | i » 368

OTHER CCT PLEASE CONSULT | * DIM OPTIONS PLEASE CONSULT

⌂ » PLEASE CONSULT



Aigües de l'Horta offices, Torrent Market, Torrent (Spain) | Design: Burgos Orti Arquitectos | Building design: Vazquez Consuegra | Photography: Diego Opazo Fotografía



EXTENDED FAMILY

SCOPE SURFACE_242

SCOPE



								P	CCT	I	Flux	LOR
SCOPE 35	A261-30-00-	WW	WG	WR	NN	NG		7W	2700K	200mA	910Lm	89%
	A261-30-01-	WW	WG	WR	NN	NG		7W	3000K	200mA	940Lm	89%
	A261-30-02-	WW	WG	WR	NN	NG		7W	4000K	200mA	960Lm	89%

LED

220
240 V~

IP20

CRI>90

L80B10
> 60.000h

MacAdam
Step 2

PHASE CUT

INCL

2 m

FAST

47°



								P	CCT	I	Flux	LOR
SCOPE 27	A261-20-00-	WW	WG	WR	NN	NG		7W	2700K	200mA	910Lm	89%
	A261-20-01-	WW	WG	WR	NN	NG		7W	3000K	200mA	940Lm	89%
	A261-20-02-	WW	WG	WR	NN	NG		7W	4000K	200mA	960Lm	89%

LED

220
240 V~

IP20

CRI>90

L80B10
> 60.000h

MacAdam
Step 2

PHASE CUT

INCL

2 m

FAST

47°



								P	CCT	I	Flux	LOR
SCOPE 21	A261-10-00-	WW	WG	WR	NN	NG		7W	2700K	200mA	910Lm	89%
	A261-10-01-	WW	WG	WR	NN	NG		7W	3000K	200mA	940Lm	89%
	A261-10-02-	WW	WG	WR	NN	NG		7W	4000K	200mA	960Lm	89%

LED

220
240 V~

IP20

CRI>90

L80B10
> 60.000h

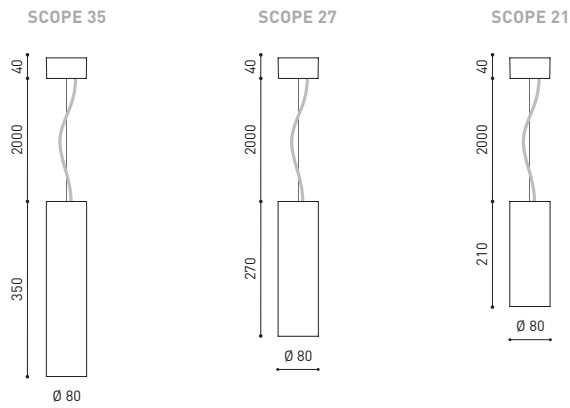
MacAdam
Step 2

INCL

2 m

FAST

47°



COLOUR | WW | WG | WR | NN | NG | MATERIAL | AL | PC | RAL » 365

OTHER COLOURS PLEASE CONSULT | COLOURS MAY AFFECT THE LIGHTING PARAMETERS » PLEASE CONSULT



Caves Carrière Winery, Fontaine-lès-Dijon (France) | Design: Godart + Roussel Architectes | Photography: Jonas Jaquet



SALT



											P	CCT	I	Flux	LOR
SALT 3	A220-03-	1 -1-	WW	WG	WR	NW	NG	NR			22W	3000K	700mA	3025Lm	79%
	A220-03-	1 -2-	WW	WG	WR	NW	NG	NR			22W	4000K	700mA	3075Lm	79%
SALT 4	A220-04-	④ -1-	WW	WG	WR	NW	NG	NR			27W	3000K	700mA	4100Lm	79%
	A220-04-	④ -2-	WW	WG	WR	NW	NG	NR			27W	4000K	700mA	4175Lm	79%
SALT 5	A220-05-	④ -1-	WW	WG	WR	NW	NG	NR			35W	3000K	900mA	5125Lm	79%
	A220-05-	④ -2-	WW	WG	WR	NW	NG	NR			35W	4000K	900mA	5225Lm	79%
SALT 6	A220-06-	④ -1-	WW	WG	WR	NW	NG	NR			47,5W	3000K	1200mA	6550Lm	79%
	A220-06-	④ -2-	WW	WG	WR	NW	NG	NR			47,5W	4000K	1200mA	6650Lm	79%



											P	CCT	I	Flux	LOR
SALT PC 3	A220-03-	1 -1-	TW	TN							22W	3000K	700mA	3025Lm	84%
	A220-03-	1 -2-	TW	TN							22W	4000K	700mA	3075Lm	84%
SALT PC 4	A220-04-	④ -1-	TW	TN							27W	3000K	700mA	4100Lm	84%
	A220-04-	④ -2-	TW	TN							27W	4000K	700mA	4175Lm	84%
SALT PC 5	A220-05-	④ -1-	TW	TN							35W	3000K	900mA	5125Lm	84%
	A220-05-	④ -2-	TW	TN							35W	4000K	900mA	5225Lm	84%
SALT PC 6	A220-06-	④ -1-	TW	TN							47,5W	3000K	1200mA	6550Lm	84%
	A220-06-	④ -2-	TW	TN							47,5W	4000K	1200mA	6650Lm	84%



④	*OPTIONS
2	DIM Push
3	DIM 1-10V
4	DIM DALI

COLOURS MAY AFFECT THE LIGHTING PARAMETERS

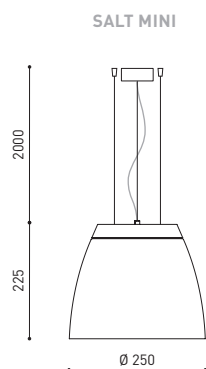


COLOUR	WW	WG	WR	NW	NG	NR	MATERIAL	AL	PMMA	RAL	» 365
COLOUR	TW	TN	MATERIAL	AL	PC	PMMA	» PLEASE CONSULT				



									P	CCT	I	Flux	LOR
SALT Mini	A280-00-11-	WW	WG	WR	NW	NG	NR		10W	3000K	700mA	1400Lm	67%
	A280-00-12-	WW	WG	WR	NW	NG	NR		10W	4000K	700mA	1425Lm	67%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



WW



WG



WR



NW



NG



NR

COLOUR | WW | WG | WR | NW | NG | NR | MATERIAL | AL | PMMA | RAL » 365

COLOURS MAY AFFECT THE LIGHTING PARAMETERS

» PLEASE CONSULT





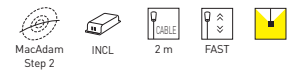
École et Périscolaire Publique d'Amancey, Amancey (France) | Design: Jean-Michel Lhomme & Jonathan Sánchez | Photography: Nicolas Walterfaugle

BRIGIT



		P	CCT	I	Flux	LOR
BRIGIT LED	0900-60-01- W	27W	3000K	700mA	4100Lm	88%
	0900-60-02- W	27W	4000K	700mA	4175Lm	88%
	0900-60-01- O	27W	3000K	700mA	4100Lm	42%
	0900-60-02- O	27W	4000K	700mA	4175Lm	42%
	0900-60-01- R	27W	3000K	700mA	4100Lm	30%
	0900-60-02- R	27W	4000K	700mA	4175Lm	30%

LED | 220-240 V~ | CE | IP44 | CRI>90 | L80B10 > 60.000 h



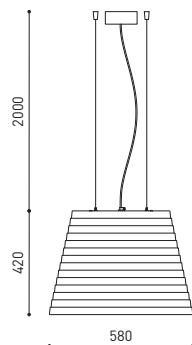
BRIGIT White



BRIGIT Orange



BRIGIT Red



COLOUR | W | O | R |

MATERIAL | PE | PC |

RAL » 365

» PLEASE CONSULT



Nub chair by Patricia Urquiola, courtesy of Andreu World | Photography: Claudio Indias



reddot design award
winner 2016



A' DESIGN AWARD
WINNER 2016
BRONZE

EXTENDED FAMILY

DRUM_256

DRUM SUSPENSION

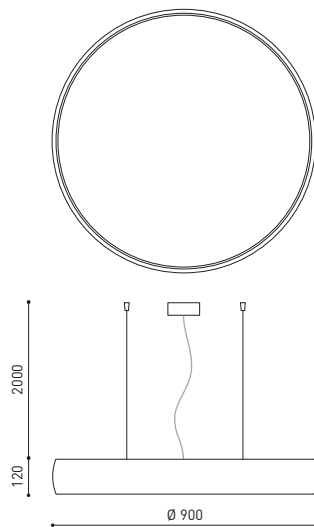


					P	CCT	I	Flux	LOR
DRUM 90 Suspension	A358-20-31-	WT	NT		119W	3000K	700mA	16100Lm	87%
	A358-20-32-	WT	NT		119W	4000K	700mA	16350Lm	87%
LED 220-240 V~ CE IP20 CRI>90 L80B10 > 60.000 h					MacAdam Step 2 1-10V INCL 2 m FAST 96°				

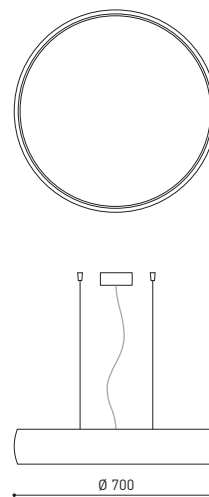


					P	CCT	I	Flux	LOR
DRUM 70 Suspension	A358-10-31-	WT	NT		59,5W	3000K	700mA	8050Lm	87%
	A358-10-32-	WT	NT		59,5W	4000K	700mA	8175Lm	87%
LED 220-240 V~ CE IP20 CRI>90 L80B10 > 60.000 h					MacAdam Step 2 1-10V INCL 2 m FAST 96°				

DRUM 90 SUSPENSION



DRUM 70 SUSPENSION



COLOUR | WT ☐ RAL 9016 | NT ☒ RAL 9005 | MATERIAL | ☒ AL | ☐ PMMA |

» 368

» PLEASE CONSULT



Idai Nature offices, Valencia (Spain) | Design: Rubén Muedra - Estudio de Arquitectura | Photography: Héctor Rubio - Images Positive





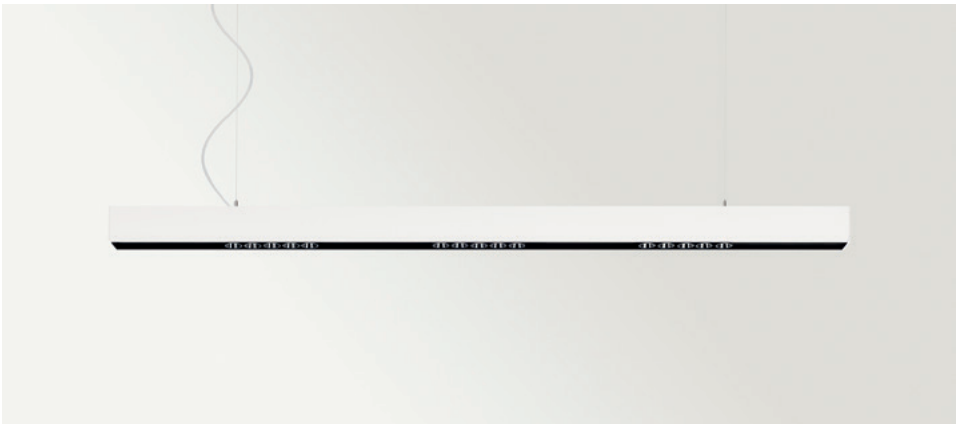
Photography: Héctor Rubio - Images Positive



EXTENDED FAMILY

BLACK FOSTER_024
BLACK FOSTER SURFACE_232
BLACK FOSTER CUSTOM_304

BLACK FOSTER SUSPENSION



		P	CCT	I	Flux	LOR
BLACK FOSTER Suspension 1200	A321-10- -0- WT NT	21W	2700K	700mA	1900Lm	90%
	A321-10- -1- WT NT	21W	3000K	700mA	2100Lm	90%
	A321-10- -2- WT NT	21W	4000K	700mA	2500Lm	90%
BLACK FOSTER Suspension 1600	A321-20- -0- WT NT	31,5W	2700K	700mA	2850Lm	90%
	A321-20- -1- WT NT	31,5W	3000K	700mA	3150Lm	90%
	A321-20- -2- WT NT	31,5W	4000K	700mA	3750Lm	90%

220V~ | IP20 | CRI>90 | L80B10 >60.000h

MacAdam Step 3

INCL

OPTIONS*

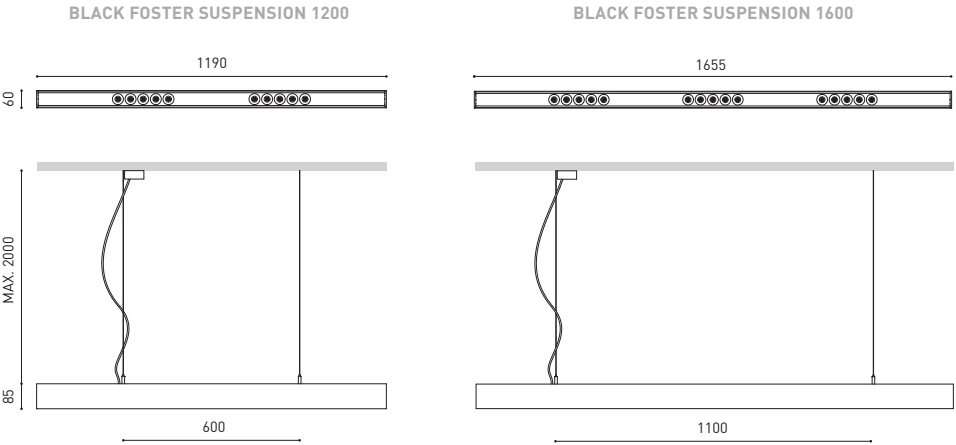
CABLE 2 m

FAST

UGR <19

38°

	*OPTIONS
1	No DIM
2	DIM DALI
3	DIM Push
4	DIM 1-10V
5	DIM On Board



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | ABS+PC | » 368

» PLEASE CONSULT



DIM On Board





SLIMGOT



		P	CCT	I	Flux	LOR
SLIMGOT 120	A203-1- -01- WT NT	14,8W	3000K	500mA	2360Lm	85%
	A203-1- -02- WT NT	14,8W	4000K	500mA	2400Lm	85%
SLIMGOT 150	A203-2- -01- WT NT	21W	3000K	700mA	3300Lm	85%
	A203-2- -02- WT NT	21W	4000K	700mA	3350Lm	85%

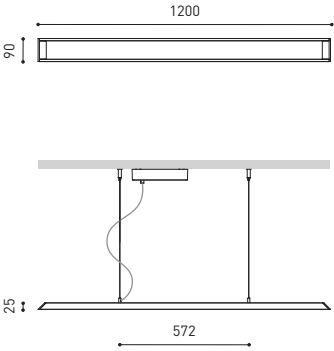
| 220-240 V~ | IP20 | CRI>90 | L80B10 >60.000 h



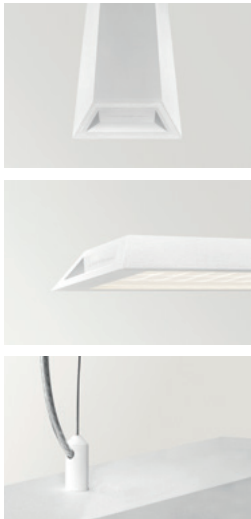
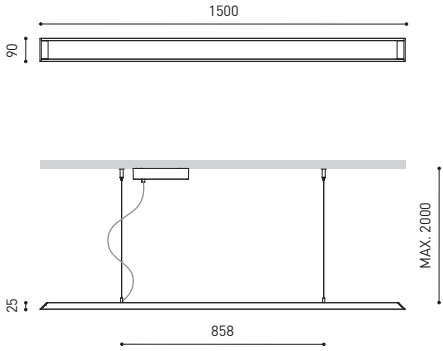
*OPTIONS

1	No DIM
2	DIM DALI / Push

SLIMGOT 120



SLIMGOT 150



COLOUR | WT RAL 9016 | NT RAL 9005 |

MATERIAL | AL | PMMA |

» 368

» PLEASE CONSULT

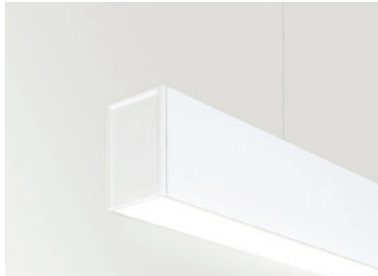


DG3 Gastronomía Showroom, Valencia (Spain) | Photography: Héctor Rubio · Images Positive

EXTENDED FAMILY

FIFTY_114
FIFTY SURFACE_260
FIFTY CUSTOM_318
FIFTY WALL_344

FIFTY SUSPENSION



		P	CCT	I	Flux	LOR	L
FIFTY SUSPENSION 90	A233-01- ② -1- WT NT	15,3W	3000K	600mA	2190Lm	70%	864mm
	A233-01- ② -2- WT NT	15,3W	4000K	600mA	2250Lm	70%	864mm
FIFTY SUSPENSION 120	A233-02- ② -1- WT NT	20,4W	3000K	600mA	2920Lm	70%	1148mm
	A233-02- ② -2- WT NT	20,4W	4000K	600mA	3000Lm	70%	1148mm
FIFTY SUSPENSION 150	A233-03- ② -1- WT NT	25,5W	3000K	600mA	3650Lm	70%	1432mm
	A233-03- ② -2- WT NT	25,5W	4000K	600mA	3750Lm	70%	1432mm
FIFTY SUSPENSION 300	A233-04- ② -1- WT NT	51W	3000K	600mA	7300Lm	70%	2852mm
	A233-04- ② -2- WT NT	51W	4000K	600mA	7500Lm	70%	2852mm

		P	CCT	I	Flux	LOR	L
FIFTY H0 SUSPENSION 90	A293-01- ② -1- WT NT	23,1W	3000K	900mA	3225Lm	70%	864mm
	A293-01- ② -2- WT NT	23,1W	4000K	900mA	3300Lm	70%	864mm
FIFTY H0 SUSPENSION 120	A293-02- ② -1- WT NT	30,8W	3000K	900mA	4300Lm	70%	1148mm
	A293-02- ② -2- WT NT	30,8W	4000K	900mA	4400Lm	70%	1148mm
FIFTY H0 SUSPENSION 150	A293-03- ② -1- WT NT	38,5W	3000K	900mA	5375Lm	70%	1432mm
	A293-03- ② -2- WT NT	38,5W	4000K	900mA	5500Lm	70%	1432mm
FIFTY H0 SUSPENSION 300	A293-04- ② -1- WT NT	77W	3000K	900mA	10750Lm	70%	2852mm
	A293-04- ② -2- WT NT	77W	4000K	900mA	11000Lm	70%	2852mm

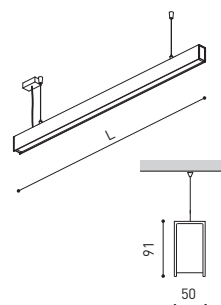
LED | 220 V~ | CE | IP20 | CRI>90 | L80B10 >60.000 h



② *OPTIONS

1	No DIM
2	DIM Push / DALI

FIFTY SUSPENSION



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 |

MATERIAL | AL | PC |

» 368

» PLEASE CONSULT





CEILING
RECESSED_022
TRACKLIGHTS_166
SURFACE_230
SUSPENSION_268
CUSTOM
SYSTEMS_302
WALL & FLOOR_328
LARK &
ACCESSORIES_352



BLACK FOSTER CUSTOM
304



BRIGHT LINE
312



FIFTY CUSTOM
318



IO RECESSED PROFILE
326



OAY offices, Valencia (Spain) | Design: Fran Silvestre Arquitectos | Photography: Diego Opazo Fotografía



EXTENDED FAMILY

BLACK FOSTER_024

BLACK FOSTER SURFACE_232

BLACK FOSTER SUSPENSION_292

BLACK FOSTER CUSTOM



		P	CCT	I	Flux	LOR	L
BLACK FOSTER Custom 2	A317-20-00- N	4,2W	2700K	700mA	380Lm	90%	87mm
	A317-20-01- N	4,2W	3000K	700mA	420Lm	90%	87mm
	A317-20-02- N	4,2W	4000K	700mA	500Lm	90%	87mm
BLACK FOSTER Custom 3	A317-30-00- N	6,3W	2700K	700mA	570Lm	90%	130mm
	A317-30-01- N	6,3W	3000K	700mA	630Lm	90%	130mm
	A317-30-02- N	6,3W	4000K	700mA	750Lm	90%	130mm
BLACK FOSTER Custom 5	A317-40-00- N	10,5W	2700K	700mA	950Lm	90%	216mm
	A317-40-01- N	10,5W	3000K	700mA	1050Lm	90%	216mm
	A317-40-02- N	10,5W	4000K	700mA	1250Lm	90%	216mm
BLACK FOSTER Custom 10	A317-50-00- N	21W	2700K	700mA	1900Lm	90%	431mm
	A317-50-01- N	21W	3000K	700mA	2100Lm	90%	431mm
	A317-50-02- N	21W	4000K	700mA	2500Lm	90%	431mm
BLACK FOSTER Custom 15	A317-60-00- N	31,5W	2700K	700mA	2850Lm	90%	646mm
	A317-60-01- N	31,5W	3000K	700mA	3150Lm	90%	646mm
	A317-60-02- N	31,5W	4000K	700mA	3750Lm	90%	646mm

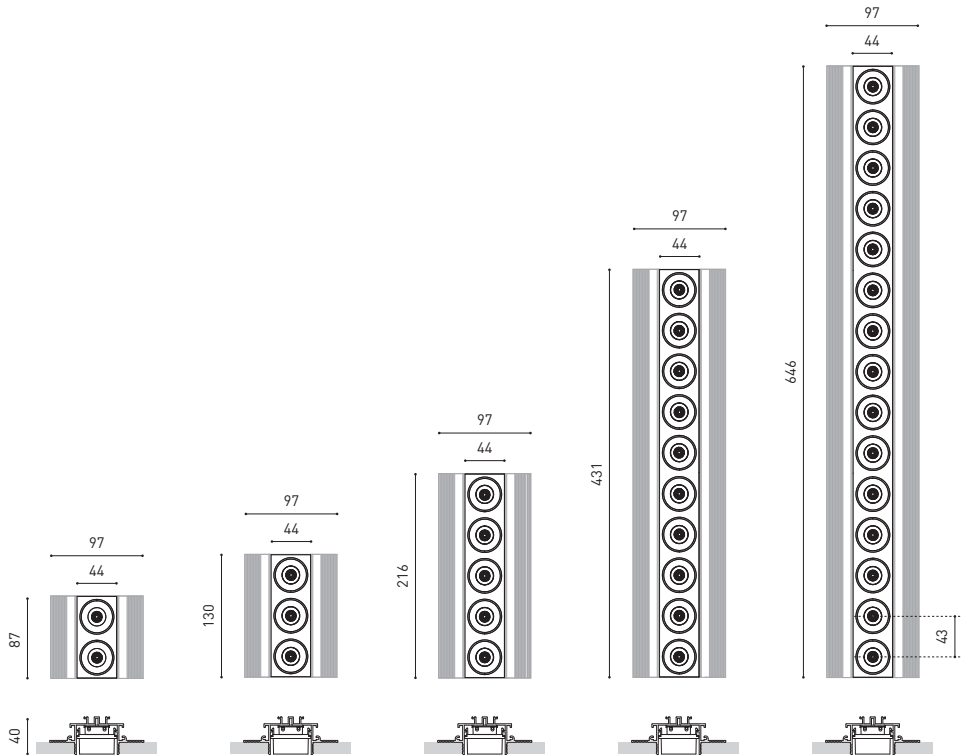


IP20

CRi>90

L80B10

> 60.000 h



COLOUR | N ■ RAL 9005 |

MATERIAL | AL | ABS+PC |

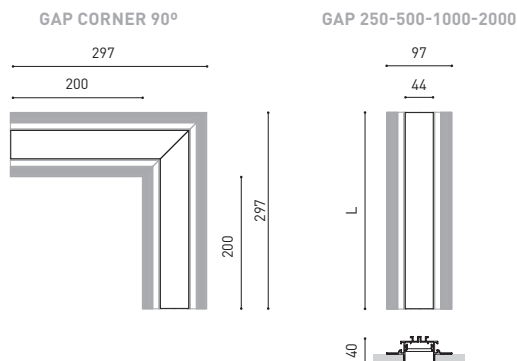
i » 368

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED
BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

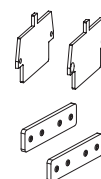
» PLEASE CONSULT

L

BLACK FOSTER Custom	Gap Corner 90°	A317-00-07- N 	200 x 200mm
	Gap 250	A317-00-01- N 	250mm
	Gap 500	A317-00-02- N 	500mm
	Gap 1000	A317-00-03- N 	1000mm
	Gap 2000	A317-00-04- N 	2000mm



BLACK FOSTER End Caps Kit	A317-00-05- N 	Thickness of each cover=2 mm.
BLACK FOSTER Straight Joiner	A317-00-06	

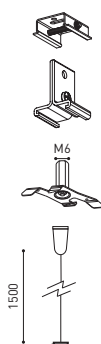


			P	I	D
DRIVER OPTIONS*	NO DIM	0434-01-18	50W	700mA	124 x 79 x 22mm
	DALI PUSH / 1-10V	0433-00-23	50W	700mA	124 x 79 x 22mm

Connect in series only in order to keep a constant current.

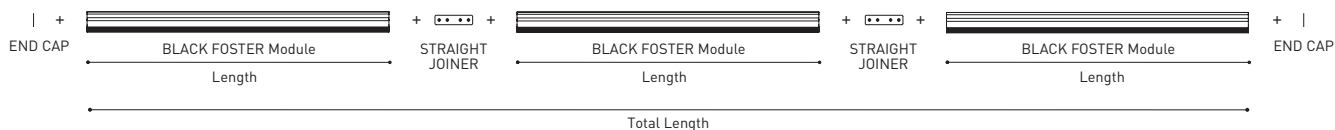
MOUNTING ACCESSORIES

BLACK FOSTER Track Clamp Kit	A219-21-20- B
BLACK FOSTER Flush Ceiling Kit	A219-22-06- B
BLACK FOSTER Track Clamp Kit for M6 ROD	A219-21-21- B
BLACK FOSTER Suspension Kit	A219-21-10- B



SUGGESTED MOUNTING ACCESSORIES QUANTITIES

Black Foster custom 2, 3, 5: 1 Pcs.
Black Foster custom 10, 15: 2 Pcs.
Gap 250, 500, 1000: 2 Pcs.
Gap 2000: 4 Pcs.

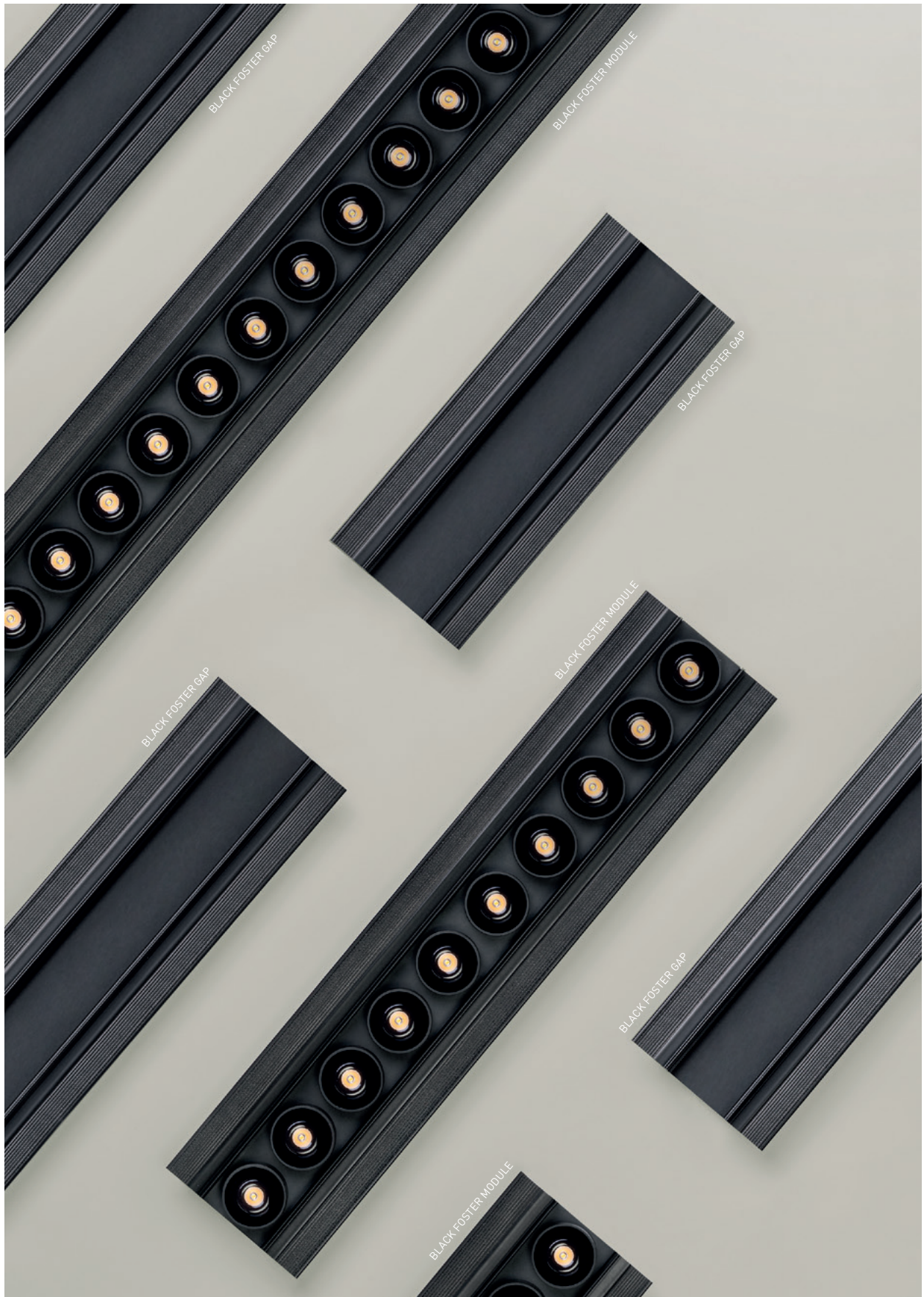


COLOUR | **N** ■ RAL 9005 | **B** □ RAL 9016 | MATERIAL | AL | ABS+PC |

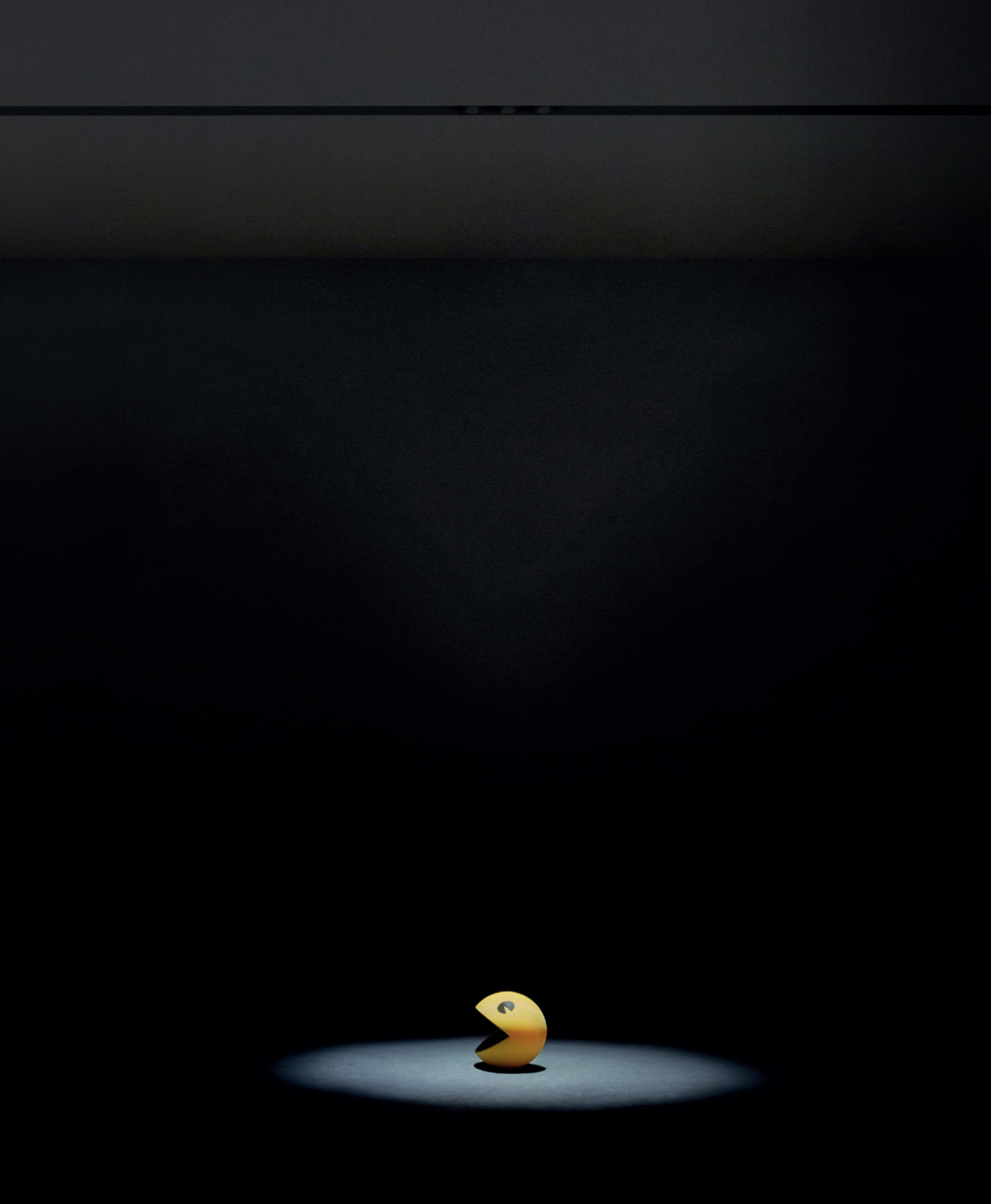
» 368

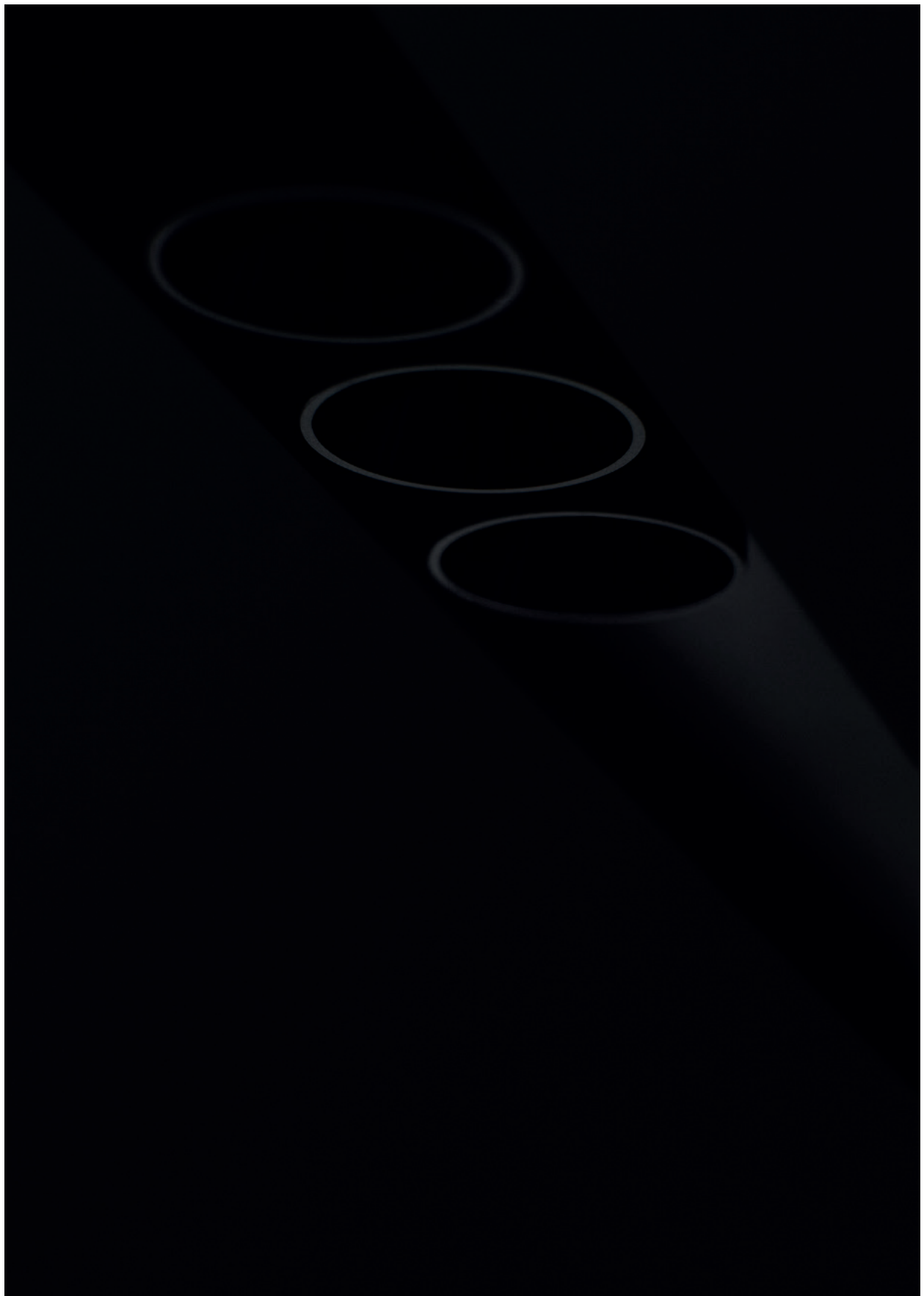
RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

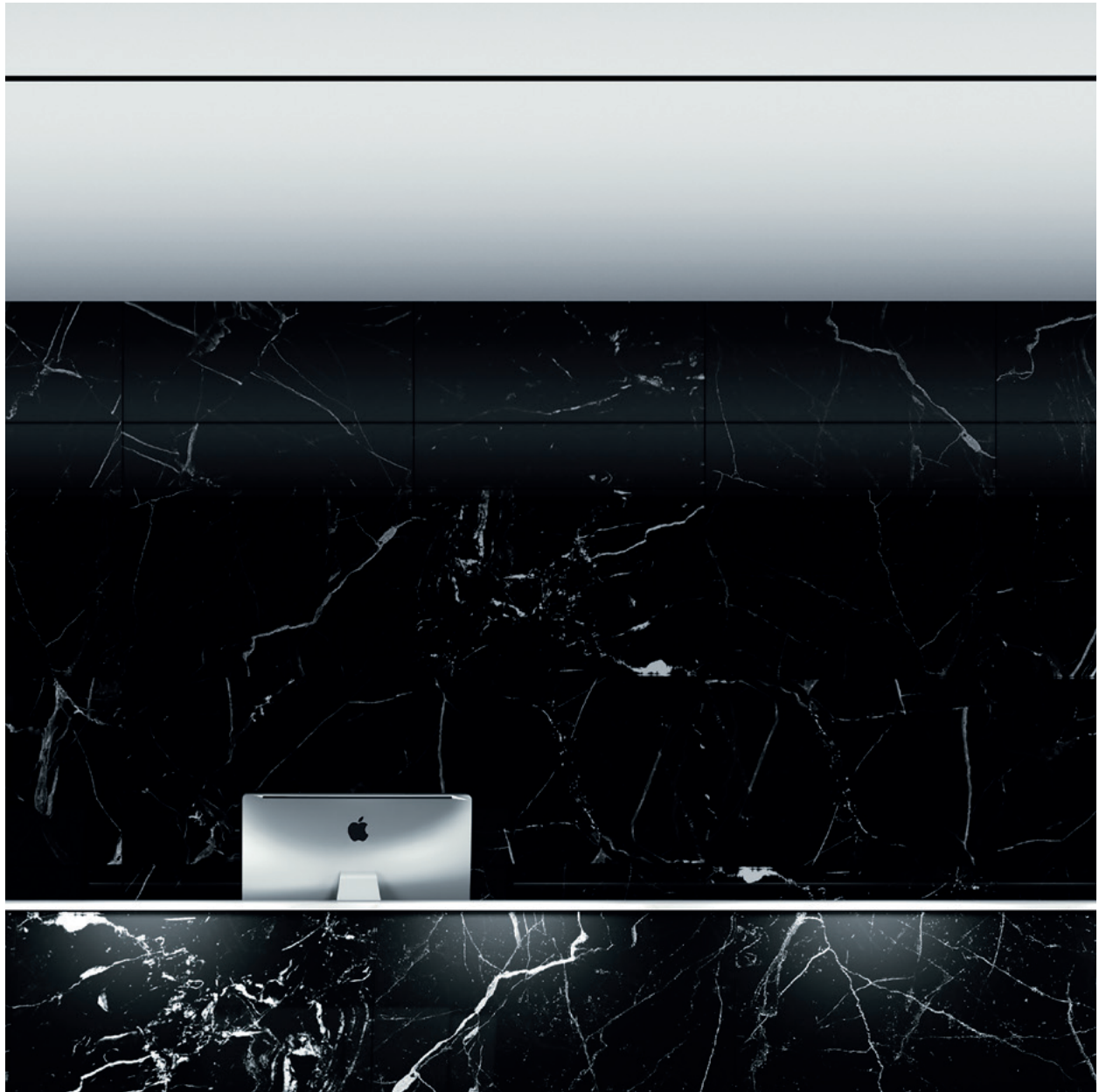
& » PLEASE CONSULT













Private residence | Design: Gallardo-Llopis Arquitectos | Photography: Germán Cabo - Fotografía de arquitectura

BRIGHT LINE



		P	CCT	Flux	LOR	L
BRIGHT LINE 250	A303-00-11- W	2,9W	3000K	307Lm	43%	250mm
	A303-00-12- W	2,9W	4000K	313Lm	43%	250mm
BRIGHT LINE 500	A303-00-21- W	5,8W	3000K	615Lm	43%	500mm
	A303-00-22- W	5,8W	4000K	625Lm	43%	500mm
BRIGHT LINE 1000	A303-00-31- W	11,5W	3000K	1230Lm	43%	1000mm
	A303-00-32- W	11,5W	4000K	1250Lm	43%	1000mm
BRIGHT LINE 2000	A303-00-41- W	23W	3000K	2460Lm	43%	2000mm
	A303-00-42- W	23W	4000K	2500Lm	43%	2000mm
BRIGHT LINE 3000	A303-00-51- W	34,5W	3000K	3690Lm	43%	3000mm
	A303-00-52- W	34,5W	4000K	3750Lm	43%	3000mm

		P	CCT	Flux	LOR	L
BRIGHT LINE HO 250	A304-00-11- W	5,8W	3000K	596Lm	43%	250mm
	A304-00-12- W	5,8W	4000K	605Lm	43%	250mm
BRIGHT LINE HO 500	A304-00-21- W	11,5W	3000K	1191Lm	43%	500mm
	A304-00-22- W	11,5W	4000K	1211Lm	43%	500mm
BRIGHT LINE HO 1000	A304-00-31- W	23W	3000K	2382Lm	43%	1000mm
	A304-00-32- W	23W	4000K	2422Lm	43%	1000mm
BRIGHT LINE HO 2000	A304-00-41- W	46W	3000K	4764Lm	43%	2000mm
	A304-00-42- W	46W	4000K	4844Lm	43%	2000mm
BRIGHT LINE HO 3000	A304-00-51- W	69W	3000K	7146Lm	43%	3000mm
	A304-00-52- W	69W	4000K	7266Lm	43%	3000mm



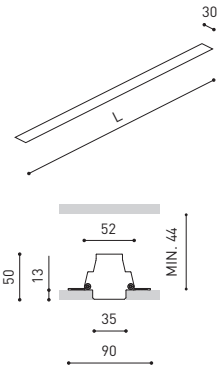
IP20

CRI>90

L80B10
>60.000 h



BRIGHT LINE



COLOUR | W □ RAL 9016 |

MATERIAL | AL | PC |

» 368

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

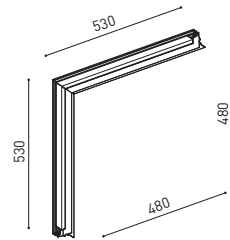
» PLEASE CONSULT



			P	CCT	Flux	LOR	L
BRIGHT LINE	CORNER 90° Two Planes	A303-00-61- W	11,5W	3000K	1230Lm	43%	530 x 530mm
		A303-00-62- W	11,5W	4000K	1250Lm	43%	530 x 530mm
BRIGHT LINE HO	CORNER 90° Two Planes	A304-00-61- W	23W	3000K	2382Lm	43%	530 x 530mm
		A304-00-62- W	23W	4000K	2422Lm	43%	530 x 530mm



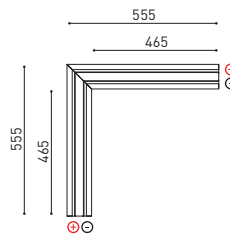
BRIGHT LINE CORNER
90° TWO PLANES



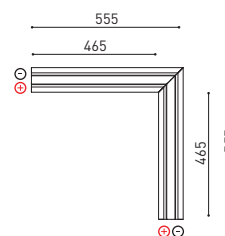
			P	CCT	Flux	LOR	L
BRIGHT LINE	CORNER 90° One Plane Polarized A	A303-00-71- W	11,5W	3000K	1230Lm	43%	555 x 555mm
		A303-00-72- W	11,5W	4000K	1250Lm	43%	555 x 555mm
BRIGHT LINE HO	CORNER 90° One Plane Polarized A	A304-00-71- W	23W	3000K	2382Lm	43%	555 x 555mm
		A304-00-72- W	23W	4000K	2422Lm	43%	555 x 555mm
BRIGHT LINE	CORNER 90° One Plane Polarized B	A303-00-81- W	11,5W	3000K	1230Lm	43%	555 x 555mm
		A303-00-82- W	11,5W	4000K	1250Lm	43%	555 x 555mm
BRIGHT LINE HO	CORNER 90° One Plane Polarized B	A304-00-81- W	23W	3000K	2382Lm	43%	555 x 555mm
		A304-00-82- W	23W	4000K	2422Lm	43%	555 x 555mm



BRIGHT LINE CORNER 90°
ONE PLANE POLARIZED A



BRIGHT LINE CORNER 90°
ONE PLANE POLARIZED B



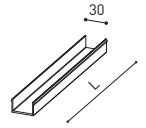
COLOUR | W □ RAL 9016 | MATERIAL | AL | PC |

i » 368

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED
BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

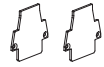
» PLEASE CONSULT

		L
BRIGHT LINE Diffuser	A303-10-01	1000mm
	A303-10-02	2000mm
	A303-10-03	3000mm

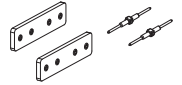


BRIGHT LINE End Caps Kit	A303-10-00- W
--------------------------	-----------------

Thickness of each cover = 2 mm.



BRIGHT LINE Straight Joiner	A303-10-04
-----------------------------	------------



BRIGHT LINE Power Line	A303-10-05
------------------------	------------



MOUNTING ACCESSORIES

BRIGHT LINE Track Clamp Kit	A219-21-20- B
-----------------------------	-----------------



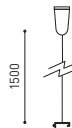
BRIGHT LINE Flush Ceiling Kit	A219-22-06- B
-------------------------------	-----------------



BRIGHT LINE Track Clamp Kit for M6 ROD	A219-21-21- B
--	-----------------



BRIGHT LINE Suspension Kit	A219-21-10- B
----------------------------	-----------------



SUGGESTED MOUNTING ACCESSORIES QUANTITIES

250 mm - 2 Pcs

500 mm - 2 Pcs

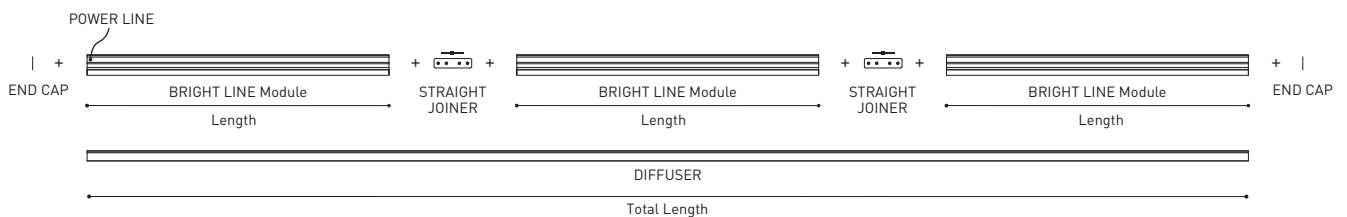
1000 mm - 2 Pcs

2000 mm - 3 Pcs

3000 mm - 4 Pcs

Corners - 4 Pcs - Two units (in the ceiling) and two units (in the wall) can be combined.

			P	V	Max Length	Max Length HO	D
*CONSTANT VOLTAGE LED POWER SUPPLY	ON/OFF	0433-10-22	96W	24V	7000mm	3750mm	300 x 40 x 21mm
		0433-10-23	80W	24V	6250mm	3000mm	345 x 32 x 22mm
	DALI PUSH	0433-10-24	160W	24V	7000mm	5000mm	300 x 50 x 35mm



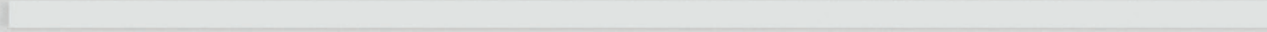
COLOUR | W ☐ RAL 9016 | B ☐ RAL 9016 | MATERIAL | ☐ AL | ☐ PC |

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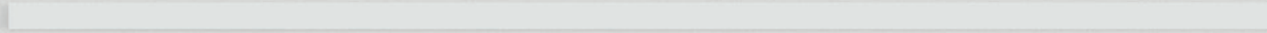
RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

» PLEASE CONSULT

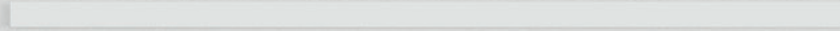
DIFFUSER 3000 mm



DIFFUSER 2000 mm



DIFFUSER 1000 mm



BRIGHT LINE · CORNER 90° One Plane Polarized A

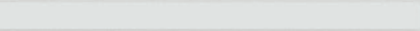
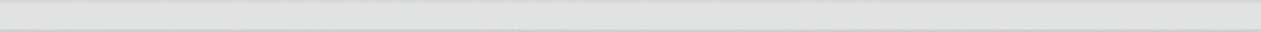


BRIGHT LINE · CORNER 90° Two Planes

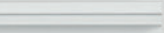


BRIGHT LINE · CORNER 90° One Plane Polarized B





BRIGHT LINE 250



BRIGHT LINE 500



BRIGHT LINE 1000



BRIGHT LINE 2000



BRIGHT LINE 3000





SP Berner Headquarters, Quart de Poblet (Spain) | Design: Rubén Muedra Estudio de Arquitectura | Photography: Adrián Mora Maroto

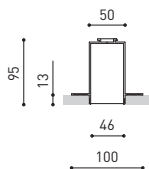
EXTENDED FAMILY

FIFTY_114
FIFTY SURFACE_260
FIFTY SUSPENSION_298
FIFTY WALL_344

FIFTY CUSTOM



⊗	*OPTIONS
1	No DIM
2	DIM Push / DALI



		P	CCT	I	Flux	LOR	L
FIFTY Trimless Custom 90	A289-11- ⊗ -1- W	15,3W	3000K	600mA	2190Lm	70%	854mm
	A289-11- ⊗ -2- W	15,3W	4000K	600mA	2250Lm	70%	854mm
FIFTY Trimless Custom 120	A289-12- ⊗ -1- W	20,4W	3000K	600mA	2920Lm	70%	1138mm
	A289-12- ⊗ -2- W	20,4W	4000K	600mA	3000Lm	70%	1138mm
FIFTY Trimless Custom 150	A289-13- ⊗ -1- W	25,5W	3000K	600mA	3650Lm	70%	1422mm
	A289-13- ⊗ -2- W	25,5W	4000K	600mA	3750Lm	70%	1422mm
FIFTY Trimless Custom 300	A289-14- ⊗ -1- W	51W	3000K	600mA	7300Lm	70%	2842mm
	A289-14- ⊗ -2- W	51W	4000K	600mA	7500Lm	70%	2842mm

		P	CCT	I	Flux	LOR	L
FIFTY H0 Trimless Custom 90	A299-11- ⊗ -1- W	23,1W	3000K	900mA	3225Lm	70%	854mm
	A299-11- ⊗ -2- W	23,1W	4000K	900mA	3300Lm	70%	854mm
FIFTY H0 Trimless Custom 120	A299-12- ⊗ -1- W	30,8W	3000K	900mA	4300Lm	70%	1138mm
	A299-12- ⊗ -2- W	30,8W	4000K	900mA	4400Lm	70%	1138mm
FIFTY H0 Trimless Custom 150	A299-13- ⊗ -1- W	38,5W	3000K	900mA	5375Lm	70%	1422mm
	A299-13- ⊗ -2- W	38,5W	4000K	900mA	5500Lm	70%	1422mm
FIFTY H0 Trimless Custom 300	A299-14- ⊗ -1- W	77W	3000K	900mA	10750Lm	70%	2842mm
	A299-14- ⊗ -2- W	77W	4000K	900mA	11000Lm	70%	2842mm

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000h



FIFTY 2 End Cap Kit Trimless 1050-00-30- | W |

FIFTY Straight Joiner 1050-01-80

FIFTY Power Line A231-00-00

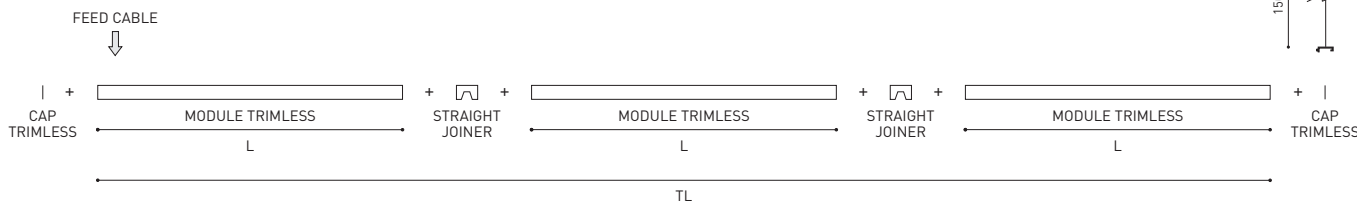
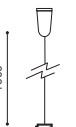
MOUNTING ACCESSORIES

FIFTY Track Clamp Kit A219-21-20- | B |

FIFTY Flush Ceiling Kit A219-22-06- | B |

FIFTY Track Clamp Kit for M6 ROD A219-21-21- | B |

FIFTY Suspension Kit A219-21-10- | B | At least 2 units needed. Extra unit each 120 cm. required



COLOUR | W □ RAL 9016 | B □ RAL 9016 |

MATERIAL | AL | PC |

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RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

» PLEASE CONSULT



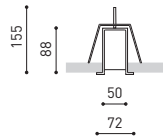
Casa Tangente, Valencia (Spain) | Design: Rubén Muedra - Estudio de Arquitectura | Photography: Adrián Mora Maroto



		P	CCT	I	Flux	LOR	L
FIFTY Recessed Custom 90	A231-11- Ⓢ -1- WT NT	15,3W	3000K	600mA	2190Lm	70%	854mm
	A231-11- Ⓢ -2- WT NT	15,3W	4000K	600mA	2250Lm	70%	854mm
FIFTY Recessed Custom 120	A231-12- Ⓢ -1- WT NT	20,4W	3000K	600mA	2920Lm	70%	1138mm
	A231-12- Ⓢ -2- WT NT	20,4W	4000K	600mA	3000Lm	70%	1138mm
FIFTY Recessed Custom 150	A231-13- Ⓢ -1- WT NT	25,5W	3000K	600mA	3650Lm	70%	1422mm
	A231-13- Ⓢ -2- WT NT	25,5W	4000K	600mA	3750Lm	70%	1422mm
FIFTY Recessed Custom 300	A231-14- Ⓢ -1- WT NT	51W	3000K	600mA	7300Lm	70%	2842mm
	A231-14- Ⓢ -2- WT NT	51W	4000K	600mA	7500Lm	70%	2842mm

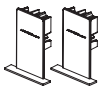
		P	CCT	I	Flux	LOR	L
FIFTY H0 Recessed Custom 90	A291-11- Ⓢ -1- WT NT	23,1W	3000K	900mA	3225Lm	70%	854mm
	A291-11- Ⓢ -2- WT NT	23,1W	4000K	900mA	3300Lm	70%	854mm
FIFTY H0 Recessed Custom 120	A291-12- Ⓢ -1- WT NT	30,8W	3000K	900mA	4300Lm	70%	1138mm
	A291-12- Ⓢ -2- WT NT	30,8W	4000K	900mA	4400Lm	70%	1138mm
FIFTY H0 Recessed Custom 150	A291-13- Ⓢ -1- WT NT	38,5W	3000K	900mA	5375Lm	70%	1422mm
	A291-13- Ⓢ -2- WT NT	38,5W	4000K	900mA	5500Lm	70%	1422mm
FIFTY H0 Recessed Custom 300	A291-14- Ⓢ -1- WT NT	77W	3000K	900mA	10750Lm	70%	2842mm
	A291-14- Ⓢ -2- WT NT	77W	4000K	900mA	11000Lm	70%	2842mm

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000h



Ⓢ	*OPTIONS
1	No DIM
2	DIM Push / DALI

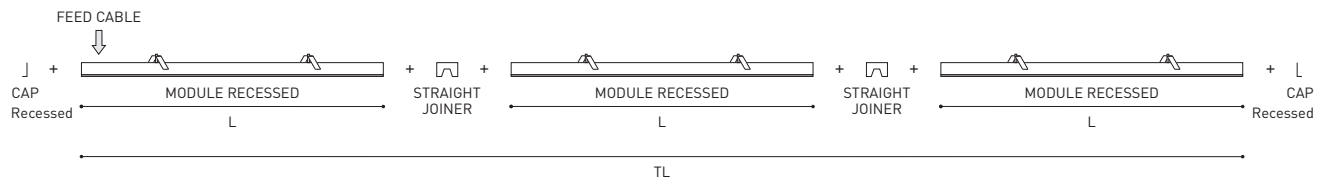
FIFTY 2 End Cap Kit Recessed 1050-00-20- | WT | NT |



FIFTY Straight Joiner 1050-01-80



FIFTY Power Line A231-00-00



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC |

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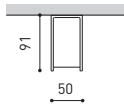
» PLEASE CONSULT



		P	CCT	I	Flux	LOR	L
FIFTY Surface Custom 90	A232-11- Ⓢ -1- WT NT	15,3W	3000K	600mA	2190Lm	70%	854mm
	A232-11- Ⓢ -2- WT NT	15,3W	4000K	600mA	2250Lm	70%	854mm
FIFTY Surface Custom 120	A232-12- Ⓢ -1- WT NT	20,4W	3000K	600mA	2920Lm	70%	1138mm
	A232-12- Ⓢ -2- WT NT	20,4W	4000K	600mA	3000Lm	70%	1138mm
FIFTY Surface Custom 150	A232-13- Ⓢ -1- WT NT	25,5W	3000K	600mA	3650Lm	70%	1422mm
	A232-13- Ⓢ -2- WT NT	25,5W	4000K	600mA	3750Lm	70%	1422mm
FIFTY Surface Custom 300	A232-14- Ⓢ -1- WT NT	51W	3000K	600mA	7300Lm	70%	2842mm
	A232-14- Ⓢ -2- WT NT	51W	4000K	600mA	7500Lm	70%	2842mm

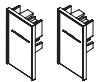
		P	CCT	I	Flux	LOR	L
FIFTY H0 Surface Custom 90	A292-11- Ⓢ -1- WT NT	23,1W	3000K	900mA	3225Lm	70%	854mm
	A292-11- Ⓢ -2- WT NT	23,1W	4000K	900mA	3300Lm	70%	854mm
FIFTY H0 Surface Custom 120	A292-12- Ⓢ -1- WT NT	30,8W	3000K	900mA	4300Lm	70%	1138mm
	A292-12- Ⓢ -2- WT NT	30,8W	4000K	900mA	4400Lm	70%	1138mm
FIFTY H0 Surface Custom 150	A292-13- Ⓢ -1- WT NT	38,5W	3000K	900mA	5375Lm	70%	1422mm
	A292-13- Ⓢ -2- WT NT	38,5W	4000K	900mA	5500Lm	70%	1422mm
FIFTY H0 Surface Custom 300	A292-14- Ⓢ -1- WT NT	77W	3000K	900mA	10750Lm	70%	2842mm
	A292-14- Ⓢ -2- WT NT	77W	4000K	900mA	11000Lm	70%	2842mm

LED | 220 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h



Ⓢ	*OPTIONS
1	No DIM
2	DIM Push / DALI

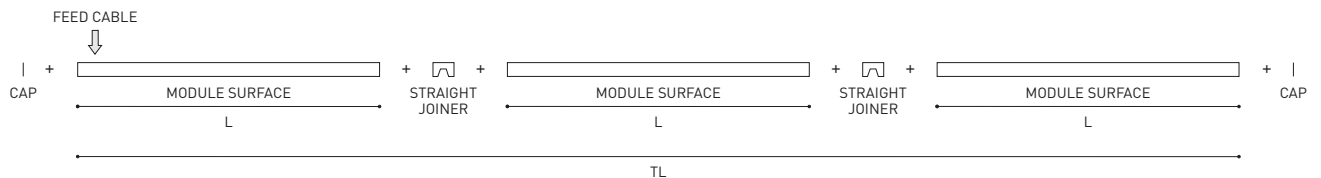
FIFTY 2 End Cap Kit 1050-00-10- | WT | NT |



FIFTY Straight Joiner 1050-01-80



FIFTY Power Line A231-00-00



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC

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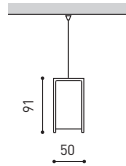
» PLEASE CONSULT





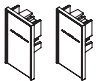
		P	CCT	I	Flux	LOR	L
FIFTY Suspension Custom 90	A233-11- ② -1- WT NT	15,3W	3000K	600mA	2190Lm	70%	854mm
	A233-11- ② -2- WT NT	15,3W	4000K	600mA	2250Lm	70%	854mm
FIFTY Suspension Custom 120	A233-12- ② -1- WT NT	20,4W	3000K	600mA	2920Lm	70%	1138mm
	A233-12- ② -2- WT NT	20,4W	4000K	600mA	3000Lm	70%	1138mm
FIFTY Suspension Custom 150	A233-13- ② -1- WT NT	25,5W	3000K	600mA	3650Lm	70%	1422mm
	A233-13- ② -2- WT NT	25,5W	4000K	600mA	3750Lm	70%	1422mm
FIFTY Suspension Custom 300	A233-14- ② -1- WT NT	51W	3000K	600mA	7300Lm	70%	2842mm
	A233-14- ② -2- WT NT	51W	4000K	600mA	7500Lm	70%	2842mm

		P	CCT	I	Flux	LOR	L
FIFTY H0 Suspension Custom 90	A293-11- ② -1- WT NT	23,1W	3000K	900mA	3225Lm	70%	854mm
	A293-11- ② -2- WT NT	23,1W	4000K	900mA	3300Lm	70%	854mm
FIFTY H0 Suspension Custom 120	A293-12- ② -1- WT NT	30,8W	3000K	900mA	4300Lm	70%	1138mm
	A293-12- ② -2- WT NT	30,8W	4000K	900mA	4400Lm	70%	1138mm
FIFTY H0 Suspension Custom 150	A293-13- ② -1- WT NT	38,5W	3000K	900mA	5375Lm	70%	1422mm
	A293-13- ② -2- WT NT	38,5W	4000K	900mA	5500Lm	70%	1422mm
FIFTY H0 Suspension Custom 300	A293-14- ② -1- WT NT	77W	3000K	900mA	10750Lm	70%	2842mm
	A293-14- ② -2- WT NT	77W	4000K	900mA	11000Lm	70%	2842mm



②	*OPTIONS
1	No DIM
2	DIM Push / DALI

FIFTY 2 End Cap Kit 1050-00-10- | WT | NT |



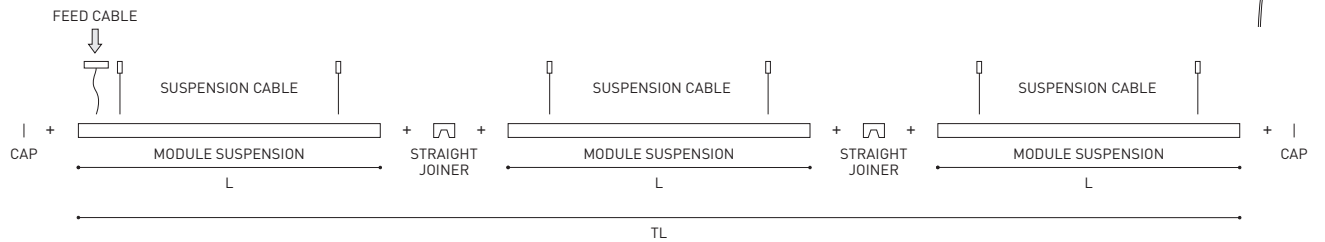
FIFTY Straight Joiner 1050-01-80



FIFTY Suspension Cable 1050-00-01 At least 2 units needed. Extra unit each 120 cm. required



FIFTY Suspension Power Line A233-00-00- | WT | NT |
A233-00-10- | WT | NT |



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PC |

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		P	CCT	I	Flux	LOR	L
FIFTY Wall Custom 90	A234-11- -1- WT NT	15,3W	3000K	600mA	2190Lm	70%	854mm
	A234-11- -2- WT NT	15,3W	4000K	600mA	2250Lm	70%	854mm
FIFTY Wall Custom 120	A234-12- -1- WT NT	20,4W	3000K	600mA	2920Lm	70%	1138mm
	A234-12- -2- WT NT	20,4W	4000K	600mA	3000Lm	70%	1138mm
FIFTY Wall Custom 150	A234-13- -1- WT NT	25,5W	3000K	600mA	3650Lm	70%	1422mm
	A234-13- -2- WT NT	25,5W	4000K	600mA	3750Lm	70%	1422mm
FIFTY Wall Custom 300	A234-14- -1- WT NT	51W	3000K	600mA	7300Lm	70%	2842mm
	A234-14- -2- WT NT	51W	4000K	600mA	7500Lm	70%	2842mm

		P	CCT	I	Flux	LOR	L
FIFTY H0 Wall Custom 90	A294-11- -1- WT NT	23,1W	3000K	900mA	3225Lm	70%	854mm
	A294-11- -2- WT NT	23,1W	4000K	900mA	3300Lm	70%	854mm
FIFTY H0 Wall Custom 120	A294-12- -1- WT NT	30,8W	3000K	900mA	4300Lm	70%	1138mm
	A294-12- -2- WT NT	30,8W	4000K	900mA	4400Lm	70%	1138mm
FIFTY H0 Wall Custom 150	A294-13- -1- WT NT	38,5W	3000K	900mA	5375Lm	70%	1422mm
	A294-13- -2- WT NT	38,5W	4000K	900mA	5500Lm	70%	1422mm
FIFTY H0 Wall Custom 300	A294-14- -1- WT NT	77W	3000K	900mA	10750Lm	70%	2842mm
	A294-14- -2- WT NT	77W	4000K	900mA	11000Lm	70%	2842mm

| 220 V~ | IP20 | CRI>90 | L80B10 >60.000 h



	*OPTIONS
1	No DIM
2	DIM Push / DALI

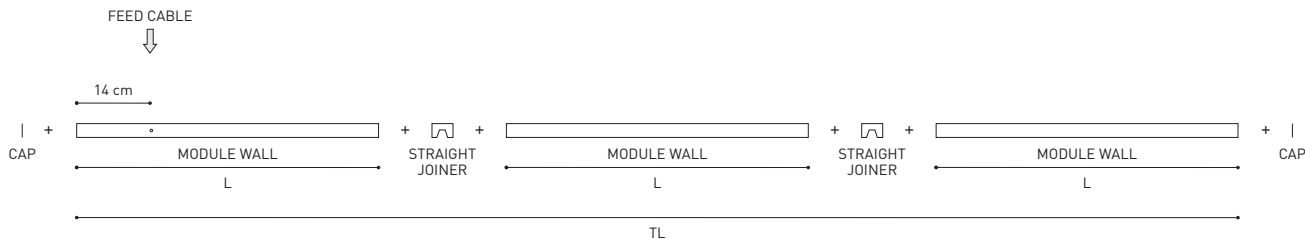
FIFTY 2 End Cap Kit 1050-00-10- | WT | NT |



FIFTY Straight Joiner 1050-01-80



FIFTY Power Line Wall A234-00-00



COLOUR | WT RAL 9016 | NT RAL 9005 |

MATERIAL | AL | PC |

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» PLEASE CONSULT



Casa BR, Valencia (Spain) | Design: Olmo Estudio | Photography: Diego Opazo Fotografía



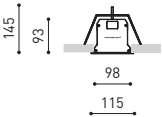
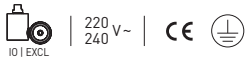
EXTENDED FAMILY

iO 48V_186
iO_204
iO SURFACE_262

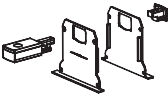
iO RECESSED PROFILE



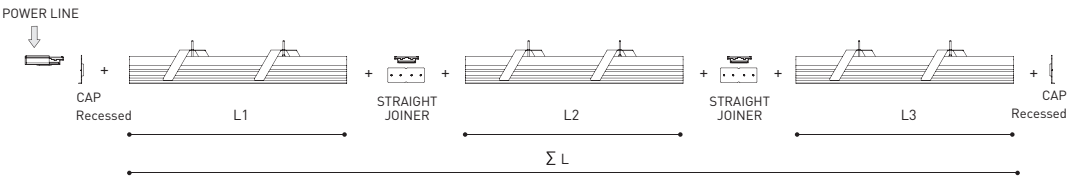
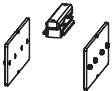
		L
iO Recessed Profile	A267-01-00- WT NT	1000mm
	A267-02-00- WT NT	2000mm
	A267-03-00- WT NT	3000mm



iO End Cap Kit Recessed + Power Line (2 Units)	A267-00-11- WT NT
MANDATORY FOR INSTALLATION	



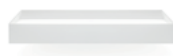
iO Straight Joiner Kit	A267-00-12- WT NT
------------------------	-----------------------



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL |

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CEILING
RECESSED_022
TRACKLIGHTS_166
SURFACE_230
SUSPENSION_268
CUSTOM
SYSTEMS_302
WALL & FLOOR_328
LARK &
ACCESSORIES_352



REC
330



LIP
334



FLAP
336



AURAE
338



DREAM
340



FIFTY WALL
344



LED WALL LIGHTS
346



DARK
348



STEP
350



Bang & Olufsen Shop, Valencia (Spain) | Design: Alfredo Monzó | Photography: Héctor Rubio - Images Positive



		P	CCT	I	Flux	LOR
REC	A256-00- 00 -0- WT NT	39,5W	2700K	400mA	5200Lm	85%
	A256-00- 00 -1- WT NT	39,5W	3000K	400mA	5625Lm	85%
	A256-00- 00 -2- WT NT	39,5W	4000K	400mA	5725Lm	85%

LED | 220 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h

MacAdam
Step 2

OPTIONS*

INCL



00 *OPTIONS

1	No DIM
2	DIM DALI Push

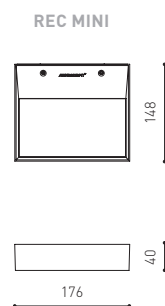
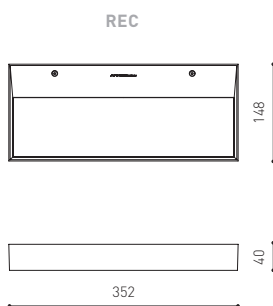


		P	CCT	I	Flux	LOR
REC Mini	A308-00-10- WT NT	20W	2700K	700mA	2450Lm	75%
	A308-00-11- WT NT	20W	3000K	700mA	2650Lm	75%
	A308-00-12- WT NT	20W	4000K	700mA	2700Lm	75%

LED | 220 V~ | CE | IP20 | CRI>90 | L80B10 > 60.000 h

MacAdam
Step 2

INCL



COLOUR | WT  RAL 9016 | NT  RAL 9005 | MATERIAL |  AL |  PMMA |

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		P	CCT	I	Flux	LOR
REC DOUBLE	A309-00- 00 -0- WT NT	29,5W	2700K	900mA	4150Lm	76%
	A309-00- 00 -1- WT NT	29,5W	3000K	900mA	4500Lm	76%
	A309-00- 00 -2- WT NT	29,5W	4000K	900mA	4560Lm	76%

LED | 220 240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000h



00 *OPTIONS

1	No DIM
2	DIM DALI Push



		P	CCT	I	Flux	LOR
REC DOUBLE Mini	A310-00- 00 -0- WT NT	16,5W	2700K	500mA	2300Lm	72%
	A310-00- 00 -1- WT NT	16,5W	3000K	500mA	2500Lm	72%
	A310-00- 00 -2- WT NT	16,5W	4000K	500mA	2530Lm	72%

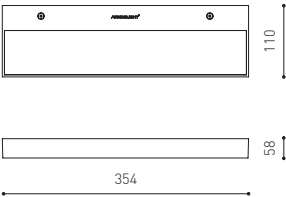
LED | 220 240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000h



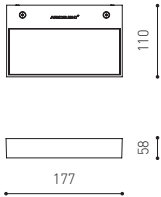
00 *OPTIONS

1	No DIM
2	DIM DALI Push

REC DOUBLE



REC DOUBLE MINI



COLOUR | WT □ RAL 9016 | NT ■ RAL 9005 | MATERIAL | AL | PMMA |

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Arkostlight Headquarters, Valencia (Spain) | Design: Francesc Rife Studio | Architect: Victor Garcia Martinez Arquitecto | Photography: David Zarzoso · Fotografia de arquitectura

LIP

 CCT

2700K



					P	CCT	I	Flux	LOR
LIP	A288-00-00-	WT	NT		24W	2700K	700mA	2970Lm	86%
	A288-00-01-	WT	NT		24W	3000K	700mA	3210Lm	86%
	A288-00-02-	WT	NT		24W	4000K	700mA	3270Lm	86%

| 220
240 V~ |
 IP20 | CRI>90 | L80B10
> 60.000 h

MacAdam
Step 2

INCL



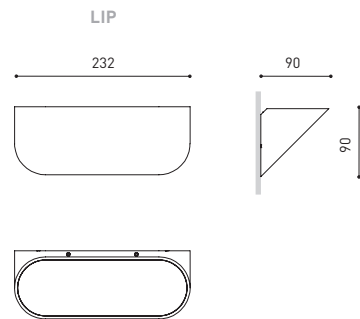
					P	CCT	I	Flux	LOR
LIP DIM	A288-00-10-	WT	NT		24W	2700K	700mA	2970Lm	86%
	A288-00-11-	WT	NT		24W	3000K	700mA	3210Lm	86%
	A288-00-12-	WT	NT		24W	4000K	700mA	3270Lm	86%

| 220
240 V~ |
 IP20 | CRI>90 | L80B10
> 60.000 h

MacAdam
Step 2

DALI | PUSH

INCL



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | PMMA |

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» PLEASE CONSULT



Bulthaup Showroom, Valencia (Spain) | Design: Alfredo Monzó | Photography: Héctor Rubio - Images Positive



2700K

FLAP



				P	CCT	Flux	LOR
FLAP	A240-00-10-	WT	NT	20W	2700K	1875Lm	73%
	A240-00-11-	WT	NT	20W	3000K	2050Lm	73%

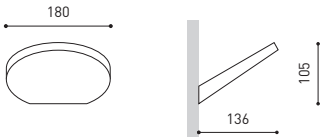
LED | 220
240 V~ | CE | IP20 | CRI>90 | L80B50
>36.000 h

MacAdam
Step 3

INCL



FLAP



COLOUR | WT  RAL 9016 | NT  RAL 9005 | MATERIAL |  AL |  PMMA |

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Innovex GmbH, Hamburg (Germany) | Design: Christin Kaldma | Photography: Sebastian Engels Fotografie

DELTA
AWARDS'14
Selected

AURAE



				P	CCT	I	Flux	LOR
AURAE	A192-02-01-	WT	NT	12,5W	3000K	500mA	1825Lm	79%
	A192-02-02-	WT	NT	12,5W	4000K	500mA	1850Lm	79%

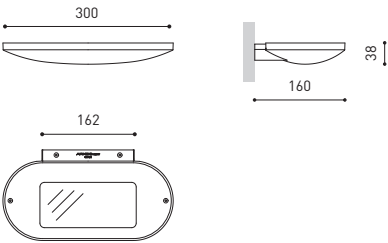
| 220
240 V~ | IP20 | CRI>90 | L80B10
> 60.000 h

MacAdam
Step 2

INCL



AURAE



COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | GL-MATT |

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DREAM



DREAM RECESSED



DREAM



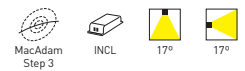
		P	CCT	I	Flux	LOR
DREAM	A279-00-00- W R N	2,1W	2700K	700mA	195Lm	94%
	A279-00-01- W R N	2,1W	3000K	700mA	215Lm	94%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000 h

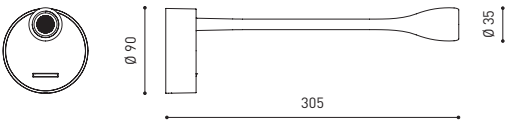


		P	CCT	I	Flux	LOR
DREAM Recessed	A279-00-10- W R N	2,1W	2700K	700mA	195Lm	94%
	A279-00-11- W R N	2,1W	3000K	700mA	215Lm	94%

LED | 220-240 V~ | CE | IP20 | CRI>90 | L80B10 >60.000 h



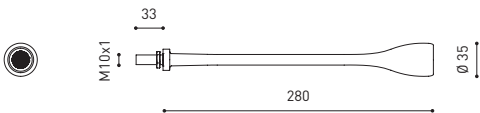
DREAM



DREAM ON / OFF



DREAM RECESSED



COLOUR | W | R | N | MATERIAL | AL | SILICONE | RAL ⓘ » 365







Club de Tennis Valencia, Valencia (Spain) | Design: BFM Aedificatoria & Gallardo Llopis Arquitectos | Photography: Germán Cabo . Fotografía de arquitectura

EXTENDED FAMILY

FIFTY_114
FIFTY SURFACE_260
FIFTY SUSPENSION_298
FIFTY CUSTOM_318

FIFTY WALL



		P	CCT	I	Flux	LOR	L
FIFTY Wall 90	A234-01- -1- WT NT	15,3W	3000K	600mA	2190Lm	70%	864mm
	A234-01- -2- WT NT	15,3W	4000K	600mA	2250Lm	70%	864mm
FIFTY Wall 120	A234-02- -1- WT NT	20,4W	3000K	600mA	2920Lm	70%	1148mm
	A234-02- -2- WT NT	20,4W	4000K	600mA	3000Lm	70%	1148mm
FIFTY Wall 150	A234-03- -1- WT NT	25,5W	3000K	600mA	3650Lm	70%	1432mm
	A234-03- -2- WT NT	25,5W	4000K	600mA	3750Lm	70%	1432mm
FIFTY Wall 300	A234-04- -1- WT NT	51W	3000K	600mA	7300Lm	70%	2852mm
	A234-04- -2- WT NT	51W	4000K	600mA	7500Lm	70%	2852mm

		P	CCT	I	Flux	LOR	L
FIFTY H0 Wall 90	A294-01- -1- WT NT	23,1W	3000K	900mA	3225Lm	70%	864mm
	A294-01- -2- WT NT	23,1W	4000K	900mA	3300Lm	70%	864mm
FIFTY H0 Wall 120	A294-02- -1- WT NT	30,8W	3000K	900mA	4300Lm	70%	1148mm
	A294-02- -2- WT NT	30,8W	4000K	900mA	4400Lm	70%	1148mm
FIFTY H0 Wall 150	A294-03- -1- WT NT	38,5W	3000K	900mA	5375Lm	70%	1432mm
	A294-03- -2- WT NT	38,5W	4000K	900mA	5500Lm	70%	1432mm
FIFTY H0 Wall 300	A294-04- -1- WT NT	77W	3000K	900mA	10750Lm	70%	2852mm
	A294-04- -2- WT NT	77W	4000K	900mA	11000Lm	70%	2852mm

| 220 V~ | IP20 | CRI>90 | L80B10 >60.000 h

MacAdam Step 2

OPTIONS*

INCL | DIFFUSER

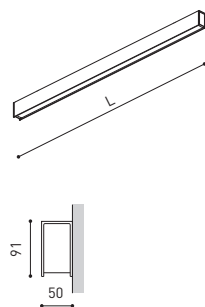
INCL

102°

*OPTIONS

1	No DIM
2	DIM Push / DALI

FIFTY WALL



COLOUR | WT RAL 9016 | NT RAL 9005 |

MATERIAL | AL | PC |

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» PLEASE CONSULT



Product: LED Wall Light Alfa RGB – Custom.

Acuario Poema de Mar, Las Palmas de Gran Canaria (Spain) | Architecture: OFS Architects | Engineering: Naven Ingenieros | Installation Company: Montajes Eléctricos Nebego | Design: Proyecto Luz | Photography: Ramón Otero

LED WALL LIGHTS



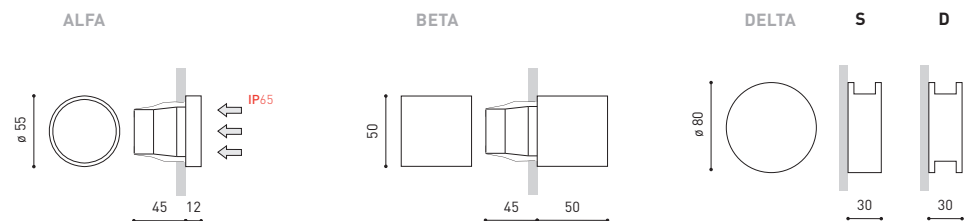
		P	CCT	I
LED WALL LIGHT Alfa	A030-01-01- P	3W	3000 K	350mA
	A030-01-02- P	3W	4000 K	350mA



		P	CCT	I
LED WALL LIGHT Beta S	A030-02-01- W	3W	3000 K	350mA
	A030-02-02- W	3W	4000 K	350mA
LED WALL LIGHT Beta D	A030-02-03- W	3W	3000 K	350mA
	A030-02-04- W	3W	4000 K	350mA



		P	CCT	I
LED WALL LIGHT Delta S	A030-04-01- W	1 X 3W	3000 K	350mA
	A030-04-02- W	1 X 3W	4000 K	350mA
LED WALL LIGHT Delta D	A030-04-03- W	2 X 3W	3000 K	350mA
	A030-04-04- W	2 X 3W	4000 K	350mA



COLOUR | W □ RAL 9016 | P ■ | MATERIAL | AL |

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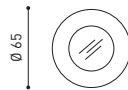
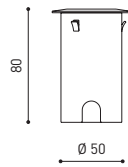
DARK



			P	CCT	Beam	Flux	LOR
DARK	A274-00-10-	NX	1 / 2,1 / 3,2W	2700K	19°	100 / 180 / 250Lm	80%
	A274-00-11-	NX	1 / 2,1 / 3,2W	3000K	19°	120 / 200 / 280Lm	80%
	A274-00-12-	NX	1 / 2,1 / 3,2W	4000K	19°	130 / 240 / 325Lm	80%
	A274-00-20-	NX	1 / 2,1 / 3,2W	2700K	40°	100 / 180 / 250Lm	83%
	A274-00-21-	NX	1 / 2,1 / 3,2W	3000K	40°	120 / 200 / 280Lm	83%
	A274-00-22-	NX	1 / 2,1 / 3,2W	4000K	40°	130 / 240 / 325Lm	83%



DARK



*DRIVER OPTIONS	P	I
0434-00-39	1W	350mA 1 to 12 Darks
0434-00-40	2,1W	700mA 1 to 12 Darks
0434-00-41	3,2W	1050mA 1 to 11 Darks

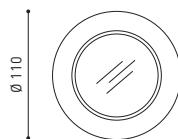
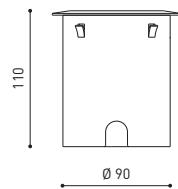
NO DIM | IP20*



			P	CCT	Flux	LOR
DARK M	A301-00-10-	NX	4,6 / 6,7 / 10,5W	2700K	640 / 865 / 1220Lm	75%
	A301-00-11-	NX	4,6 / 6,7 / 10,5W	3000K	665 / 900 / 1265Lm	75%
	A301-00-12-	NX	4,6 / 6,7 / 10,5W	4000K	675 / 915 / 1290Lm	75%



DARK M



*DRIVER OPTIONS	P	I
0434-00-36	4,6W	140mA 1 Darks
0434-00-37	6,7W	200mA 1 Darks
0434-00-38	10,5W	300mA 1 Darks

NO DIM | IP20*

COLOUR | **NX** | MATERIAL | **INOX** | **AL** | **GL-TRANS**

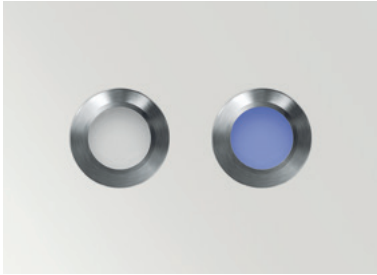
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* HIGHER IP & DIM DRIVERS PLEASE CONSULT

» PLEASE CONSULT



STEP



		P	CCT	I	Flux	LOR
STEP	A275-00-00- NX	1W	2700K	350mA	100Lm	15%
	A275-00-01- NX	1W	3000K	350mA	120Lm	15%
	A275-00-02- NX	1W	4000K	350mA	130Lm	15%
	A275-00-03- NX	1W	blue	350mA	130Lm	1%

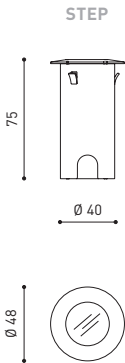


OUTDOOR



*DRIVER OPTIONS	P	I
0434-00-39	1W	350mA 1 to 12 Steps

NO DIM | IP20*



COLOUR | NX ■ | MATERIAL | INOX | AL | GL-TRANS |

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* HIGHER IP & DIM DRIVERS PLEASE CONSULT

» PLEASE CONSULT

CEILING
RECESSED_022
TRACKLIGHTS_166
SURFACE_230
SUSPENSION_268
CUSTOM
SYSTEMS_302
WALL & FLOOR_328
LARK &
ACCESSORIES_352



LARK-111
354



LARK
356



Restaurant L'italien, Le Tholonet (France) | Design: LMGP | Photography: Christophe Pozzo di Borgo



reddot design award
winner 2014



LARK-111



Lark-111



Lark-111 · HONEYCOMB LOUVER

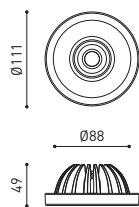
Lark-111

		P	CCT	Beam	I	Flux	Flux Out	LOR
PHASE CUT *	A25 Ⓞ -10-10- W N Z	6,5W	2700K	19°	200mA	900Lm	828Lm	92%
	A25 Ⓞ -10-11- W N Z	6,5W	3000K	19°	200mA	940Lm	865Lm	92%
	A25 Ⓞ -10-12- W N Z	6,5W	4000K	19°	200mA	950Lm	874Lm	92%
	A25 Ⓞ -10-20- W N Z	6,5W	2700K	40°	200mA	900Lm	774Lm	86%
	A25 Ⓞ -10-21- W N Z	6,5W	3000K	40°	200mA	940Lm	808Lm	86%
	A25 Ⓞ -10-22- W N Z	6,5W	4000K	40°	200mA	950Lm	817Lm	86%
PHASE CUT *	A25 Ⓞ -20-10- W N Z	12W	2700K	19°	350mA	1440Lm	1325Lm	92%
	A25 Ⓞ -20-11- W N Z	12W	3000K	19°	350mA	1500Lm	1380Lm	92%
	A25 Ⓞ -20-12- W N Z	12W	4000K	19°	350mA	1520Lm	1398Lm	92%
	A25 Ⓞ -20-20- W N Z	12W	2700K	40°	350mA	1440Lm	1238Lm	86%
	A25 Ⓞ -20-21- W N Z	12W	3000K	40°	350mA	1500Lm	1290Lm	86%
	A25 Ⓞ -20-22- W N Z	12W	4000K	40°	350mA	1520Lm	1307Lm	86%
DALI PUSH *	A25 Ⓞ -21-10- W N Z	12W	2700K	19°	350mA	1440Lm	1325Lm	92%
	A25 Ⓞ -21-11- W N Z	12W	3000K	19°	350mA	1500Lm	1380Lm	92%
	A25 Ⓞ -21-12- W N Z	12W	4000K	19°	350mA	1520Lm	1398Lm	92%
	A25 Ⓞ -21-20- W N Z	12W	2700K	40°	350mA	1440Lm	1238Lm	86%
	A25 Ⓞ -21-21- W N Z	12W	3000K	40°	350mA	1500Lm	1290Lm	86%
	A25 Ⓞ -21-22- W N Z	12W	4000K	40°	350mA	1520Lm	1307Lm	86%

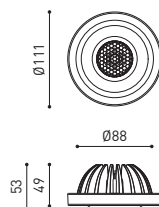
LED | 220 240 V~ | CE CRI>90 | L80B10 >60.000h

MacAdam Step 2 FAST | CONNEC INCL 19° / 40°

Lark-111



Lark-111 · HONEYCOMB LOUVER



Ⓞ	OPTIONS
2	Lark-111
3	Lark-111 Honeycomb**

COLOUR | W □ RAL 9016 | N ■ RAL 9005 | Z ■ RAL 9006 | MATERIAL | AL |

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* OTHER DIM OPTIONS PLEASE CONSULT | ** HONEYCOMB AFFECTS LIGHTING PARAMETERS

Bluetooth & Battery » PLEASE CONSULT



Casa ROS, Valencia (Spain) | Design: Low-Fi Studio - Arquitectura + Disseny

LARK

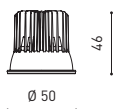


		P	CCT	I	Flux	Flux Out	LOR
LARK	0434-00-96	5W	2700K	140mA	700Lm	644Lm	92%
	0434-00-05	5W	3000K	140mA	730Lm	672Lm	92%
	0434-00-19	5W	4000K	140mA	750Lm	690Lm	92%
	0434-01-02	7,5W	2700K	200mA	950Lm	874Lm	92%
	0434-00-09	7,5W	3000K	200mA	1000Lm	920Lm	92%
	0434-00-17	7,5W	4000K	200mA	1030Lm	948Lm	92%
	0434-01-03	7,5W	2700K	200mA	950Lm	874Lm	92%
	0434-00-15	7,5W	3000K	200mA	1000Lm	920Lm	92%
	0434-00-18	7,5W	4000K	200mA	1030Lm	948Lm	92%
	0434-01-04	7,5W	2700K	200mA	950Lm	874Lm	92%
	0434-01-05	7,5W	3000K	200mA	1000Lm	920Lm	92%
	0434-01-06	7,5W	4000K	200mA	1030Lm	948Lm	92%

LED 220 240 V~ CE CRI>80 > 60.000h L80B10



Lark



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* OTHER DIM OPTIONS PLEASE CONSULT

» PLEASE CONSULT

DRIVER OPTIONS

FOR PRODUCTS WITH DRIVER EXCLUDED
220-240 Vac INPUT

			STEP	DARK	DARK M	TOP MINI	SHOT LIGHT	ALFA	BETA	BLACK FOSTER CUSTOM
DIM	DRIVER	I	PIECES							
ON/OFF	D1	140mA			1					
	D2	200mA			1					
	D3	300mA			1					
	D4	350mA	1-12	1-12				1-3	1-3	
	D5	500mA				1-4				
	D6	700mA		1-12		1-4	1-12			
	D7	1050mA		1-11						
	D8	700mA		1-20			1-20			1-20*
	D9	350mA	1-3	1-3				1	1	
	D10	350mA	1-7	1-7				1-2	1-2	
1/10V	D13	350mA	4-14	4-14						
	D14	500mA				1-4				
	D15	700mA		1-13		1-4	1-13			
	D19	350mA	1-20	1-20				1-5	1-5	
	D20	500mA				1-6				
	D21	700mA		1-20		1-6	1-20			1-20*
	D22	1050mA		1-16						
PUSH	D11	200mA			1					
	D12	300mA			1					
	D13	350mA	4-14	4-14						
	D14	500mA				1-4				
	D15	700mA		1-13		1-4	1-13			
	D19	350mA	1-20	1-20				1-5	1-5	
	D20	500mA				1-6				
	D21	700mA		1-20		1-6	1-20			1-20*
	D22	1050mA		1-16						
DALI	D11	200mA			1					
	D12	300mA			1					
	D16	350mA	2-13	2-13						
	D17	500mA				1-4				
	D18	700mA		1-13		1-4	1-13			
	D19	350mA	1-20	1-20				1-5	1-5	
	D20	500mA				1-6				
	D21	700mA		1-20		1-6	1-20			1-20*
	D22	1050mA		1-16						

* CHECK WITH BLACK FOSTER CUSTOM APP

			BRIGHT LINE	BRIGHT LINE H0
DIM	DRIVER	V	PRODUCT LENGTH	
ON/OFF	D23	24V	0-7m	0-3,75m
PUSH	D24	24V	0-6,25m	0-3m
	D25	24V	0-7m	0-5m
DALI	D24	24V	0-6,25m	0-3m
	D25	24V	0-7m	0-5m

CONSTANT CURRENT LED DRIVERS

DRIVER	DRIVER TYPOLOGY	DIM	REFERENCE	DESCRIPTION	I
D1	A	ON/OFF	04340036	DRIVER MP15 110V CONFIG.140mA	140mA
D2	A		04340037	DRIVER MP15 110V CONFIG.200mA	200mA
D3	A		04340038	DRIVER MP15 110V CONFIG.300mA	300mA
D4	A		04340039	DRIVER PROFESSIONALE 42W CONFIG.350mA	350mA
D5	A		04340042	DRIVER PROFESSIONALE 42W CONFIG.500mA	500mA
D6	B		04340040	DRIVER PROFESSIONALE 42W CONFIG.700mA	700mA
D7	C		04340041	DRIVER PROFESSIONALE 42W CONFIG.1050mA	1050mA
D8	B		04340118	DRIVER MP 50 K3	700mA
D9	A		04860435	DRIVER LED 4W BULL 350mA	350mA
D10	A		04860835	DRIVER LED 8W BULL 350mA	350mA
D11	G	DALI + PUSH	04330100	KIT OTI LARK 8W 200mA DALI/PUSH	200mA
D12	G		04330107	KIT OTI LARK 11W 300mA DALI/PUSH	300mA
D13	D	1/10V + PUSH	04340078	DRIVER MAX.32W DIM 1/10V / PUSH CONFIG.350mA	350mA
D14	D		04340043	DRIVER MAX.32W DIM 1/10V / PUSH CONFIG.500mA	500mA
D15	E		04340045	DRIVER MAX.32W DIM 1/10V / PUSH CONFIG.700mA	700mA
D16	D	DALI	04340079	DRIVER MAX.32W DIM DALI CONFIG 350mA	350mA
D17	D		04340044	DRIVER MAX.32W DIM DALI CONFIG 500mA	500mA
D18	E		04340046	DRIVER MAX.32W DIM DALI CONFIG 700mA	700mA
D19	D	DALI + 1/10V + PUSH	04340123	DRIVER LED MAXI JOLLY CONFIG 350mA	350mA
D20	D		04340124	DRIVER LED MAXI JOLLY CONFIG 500mA	500mA
D21	E		04340125	DRIVER LED MAXI JOLLY CONFIG 700mA	700mA
D22	F		04340126	DRIVER LED MAXI JOLLY CONFIG 1050mA	1050mA

CONSTANT VOLTAGE LED DRIVERS

DRIVER	DRIVER TYPOLOGY	DIM	REFERENCE	DESCRIPTION	V
D23	G	ON/OFF	4331022	FUENTE 24V 96W ON/OFF	24V
D24	G	DALI + PUSH	4331023	FUENTE 24V 80W DALI/PUSH	24V
D25	G		4331024	FUENTE 24V 160W DALI/PUSH	24V

DRIVER MAXIMUM DISTANCE RANGE

DRIVER TYPOLOGY	A				B				C			
WIRE CROSS - SECTION	0,5mm ²	1mm ²	1,5mm ²	2,5mm ²	0,5mm ²	1mm ²	1,5mm ²	2,5mm ²	0,5mm ²	1mm ²	1,5mm ²	2,5mm ²
DISTANCE TO LED	20m	50m	50m	50m	10m	20m	20m	50m		10m	20m	30m

D				E				F				G			
0,5mm ²	1mm ²	1,5mm ²	2,5mm ²	0,5mm ²	1mm ²	1,5mm ²	2,5mm ²	0,5mm ²	1mm ²	1,5mm ²	2,5mm ²	0,5mm ²	1mm ²	1,5mm ²	2,5mm ²
15m	15m	15m	15m	10m	15m	15m	15m		10m	10m	15m	2m	2m	2m	2m

ACCESSORIES

HALOGEN LAMPHOLDER GZ10		0419-00-00	MAX 50W			  
ELECTRONIC TRANSFORMER		0440-00-00	60W	 Phase Cut	100 x 30 x 20mm	  
		0448-00-00	105W	 Phase Cut	125 x 34 x 21mm	
SAFETY SEPARATOR		0458-00-00	with connection box covered			

CONSTANT CURRENT LED DRIVER

ON-OFF			W	mA	D
		0486-04-35	MAX 4W	350mA	61 x 35 x 21mm
		0486-08-35	MAX 8W	350mA	61 x 35 x 21mm
		0486-06-70	MAX 6W	700mA	42 x 40 x 22mm
		0486-12-70	MAX 12W	700mA	115 x 34 x 19mm
		0434-00-36	MAX 5,8W	140mA	115 x 34 x 19mm
		0434-00-37	MAX 8,3W	200mA	
		0434-00-38	MAX 12,4W	300mA	
		0434-00-39	MAX 15W	350mA	129 x 42 x 30mm
		0434-00-42	MAX 22W	500mA	
		0434-00-40	MAX 31W	700mA	
		0434-00-41	MAX 42W	1050mA	
DIM					
		0433-01-00	7,5W	200mA	95 x 53 x 30mm
		0433-01-07	11W	300mA	
		0433-01-27	12W	350mA	
		0434-00-78	18W	350mA	103 x 67 x 21mm
		0434-00-43	25W	500mA	
		0434-00-45	32W	700mA	
		0434-00-79	17W	350mA	103 x 67 x 21mm
		0434-00-44	24W	500mA	
		0434-00-46	32W	700mA	
		0434-01-23	25W	350mA	124 x 79 x 22mm
		0434-01-24	35W	500mA	
		0434-01-25	50W	700mA	
		0434-01-26	60W	1050mA	

CONSTANT VOLTAGE LED DRIVER

ON-OFF

	0433-10-22	96W	24V	300 x 40 x 21mm
	0434-01-21	75W	48V	180 x 52 x 30mm
	0434-01-22	150W	48V	240 x 60 x 49mm

DIM

	 DALI PUSH	0433-10-23	80W	24V	346 x 32 x 22mm
	 DALI PUSH	0433-10-24	160W	24V	300 x 50 x 35mm
	 DALI	0434-01-19	75W	48V	235 x 100 x 31mm
	 DALI	0434-01-20	150W	48V	235 x 100 x 31mm

MULTIFUNCTION EQUIPMENTS

ON-OFF

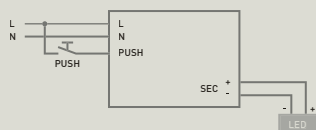
	0434-01-18	25W / 350mA 35W / 500mA 50W / 700mA	50W / 900mA 50W / 1050mA 50W / 48V	124 x 79 x 22mm
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DIM

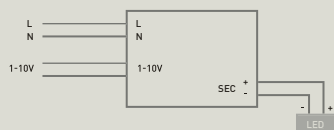
	 1-10V Push	0486-00-00	16W / 300mA 18W / 350mA 25W / 500mA 30W / 600mA	32W / 700mA 20W / 900mA 11W / 12V 20W / 24V	103 x 67 x 21mm
	 DALI	0434-00-73	14W / 300mA 17W / 350mA 24W / 500mA 28W / 600mA	32W / 700mA 10W / 12V 20W / 24V	103 x 67 x 21mm
	 DALI PUSH / 1-10V	0433-00-23	25W / 350mA 35W / 500mA 50W / 700mA	60W / 900mA 60W / 1050mA 50W / 48V	124 x 79 x 22mm

INSTALLATION SCHEMES

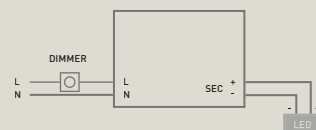
Push: TCi



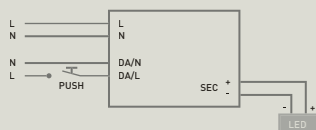
1-10V



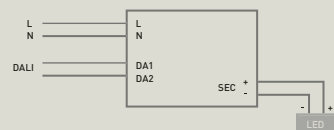
Phase Cut



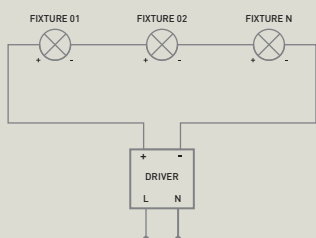
Push: Osram, Tridonic, Alvit



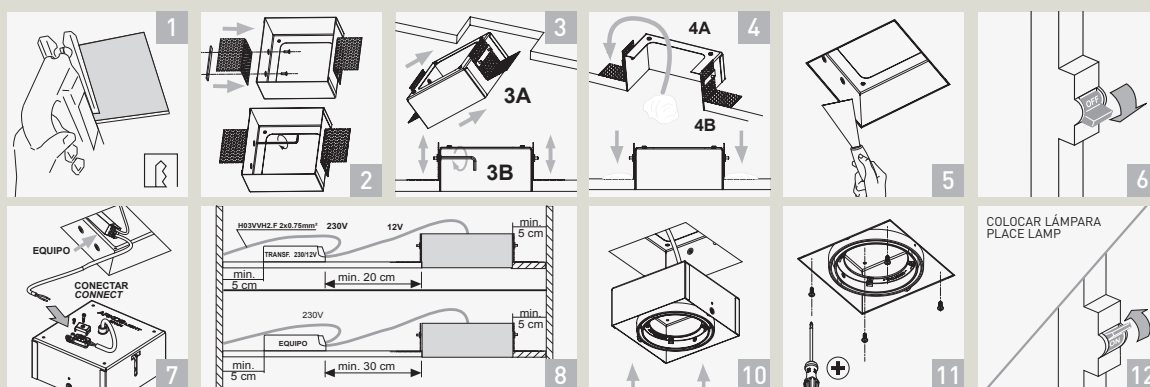
DALI



Several fixtures connection to a single constant current driver



TRIMLESS MOUNTING



FOR ORBITAL TRIMLESS

ARK-CONTROL

BLUETOOTH

BLUETOOTH SMART WIRELESS CONTROL UNIT FOR LIGHTING CONTROL GEARS

0434-00-31  1-10V / DALI



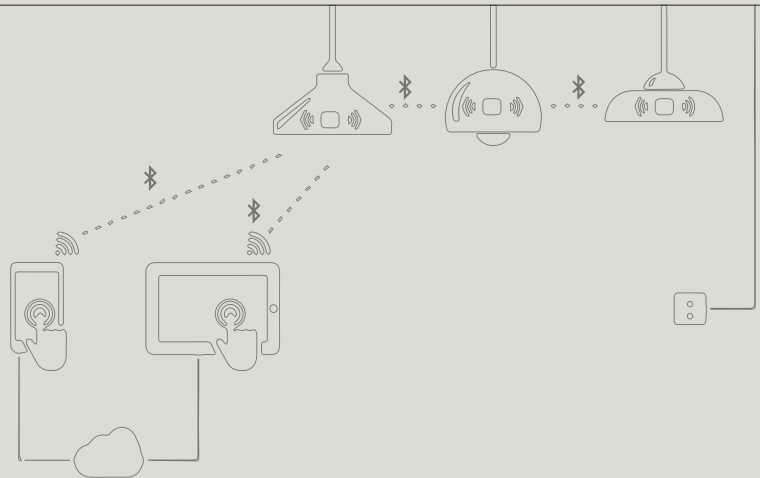
0434-00-34  Phase Cut



0433-10-25  Passive



MAX 30 m



BLUETOOTH USER INTERFACE B/N

0434-00-35- | W | N |



MAX 30 m

DALI

DALI MULTISENSOR

Ambient light dependent control and motion detection

0434-00-66



INTERFACE DALI BLUETOOTH

0434-00-77



DALI POWER SUPPLY

0434-01-14

MAX 240mA | 300 m



DALI PUSH BUTTON

0434-01-27



LED EMERGENCY KITS

1 HOUR EMERGENCY KIT

Batteries and green LED indicator included

0434-00-64 Output 0-60Vdc



3 HOURS EMERGENCY KIT

Batteries and green LED indicator included

0434-00-65 Output 0-60Vdc



PHASE CUT

PUSH DIMMER DIM 7-100W

0434-00-58



LIGHT DISTRIBUTION ACCESSORIES



ELLIPTICAL REFRACTOR

ELLIPTICAL REFRACTOR

Lente que reformula el haz de luz para conseguir una forma elíptica a través de la refracción de la luz en su cristal óptico.

Lens that modifies the light beam to achieve an elliptical shape through light refraction in its optical glass.

Lentille qui reformule le faisceau lumineux pour obtenir une forme elliptique par le biais de la réfraction de la lumière dans son verre optique.

Lente che riformula il fascio di luce per ottenere una forma ellittica tramite la rifrazione della luce sul suo vetro ottico.

Linse, die das Lichtbündel durch die Lichtbrechung in ihrem optischen Glas in eine elliptische Form umwandelt.

BEAM MIXER DIFFUSER

El difusor homogeneizador del haz de luz suaviza las distorsiones en la emisión de la luz provocadas por las lentes parabólicas, Fresnel o colimadores TIR, sin generar un alargamiento significativo del haz. Su diseño exclusivo consigue una homogeneización de la luz excelente en planos lejanos y una mezcla cromática con una extraordinaria luminosidad axial. Comparado con los difusores tradicionales, mantiene una mayor intensidad de candelas en el centro del haz (CBPC) y disminuye el antiestético efecto de "campos de luz" en ángulos amplios.

The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening. The unique mixing design provides superior far-field smoothing and color mixing with high on-axis brightness. Compared with traditional diffusers, it maintains higher central beam candlepower (CBPC), and produce less undesirable "field light" at higher angles.

Le Diffuseur homogénéisateur de faisceau lumineux s'utilise pour atténuer les distorsions de l'émission de lumières provoquées par les lentilles paraboliques, Fresnel ou collimateurs TIR, sans allonger de manière significative le faisceau. Son design exclusif permet une excellente homogénéisation en champs lointains et un mélange chromatique d'une luminosité axiale remarquable.

Comparé avec un diffuseur traditionnel, ce diffuseur maintient une plus haute intensité lumineuse au centre du faisceau (CBPC) et diminue l'indésirable effet "champs de lumière" dans les angles plus amples.

Il Diffusore di fascio luminoso misto serve ad uniformare gli effetti distorsivi del fascio luminoso dovuti ai collimatori con lente parabolica, di Fresnel o TIR senza un allargamento significativo. L'eccezionale design "misto" assicura una migliore uniformità del campo lontano e una miscelazione cromatica con una straordinaria luminosità assiale. Rispetto ai diffusori tradizionali, mantiene una maggiore intensità luminosa in candele al centro del fascio (CBPC) e diminuisce

la sgradevole "luce a lunga gittata" negli angoli più ampi.

Der Strahlenmischdiffuser wird verwendet, um durch parabolische, Fresnel- oder TIR-Linsen-Kollimatoren verursachte Strahlenartefakte ohne wesentliche Ausdehnung zu glätten. Das einzigartige Mischungskonzeption sorgt für hochwertige Fernfeldglättung und Farbmischung bei hoher on-axis-Helligkeit. Im Vergleich zu herkömmlichen Diffusoren bewahrt er eine höhere Lichtstärkenspitze (CBPC) und ruft bei größeren Winkeln weniger unerwünschte "Lichtfelder" hervor.

ANTI-GLARE HONEYCOMB LOUVER

Accesorio formado por una parrilla en forma de panel de abeja para reducir el deslumbramiento y la incidencia directa de los rayos en la visión.

Accessory made up of louver in the shape of a honeycomb panel to reduce glare and the effects of direct rays on vision.

Accessoire composé d'une grille en nid d'abeille pour réduire l'éblouissement et l'incidence directe des rayons dans la vision.

Accessorio formato da una griglia a forma di pannello d'ape per ridurre l'abbagliamento e l'incidenza diretta dei raggi durante la visione.

Zubehör in Form eines Wabengitters, um die Blendung und den direkten

Einfall der Strahlen in die Augen zu reduzieren.

ANTI-GLARE ASYMMETRICAL SCREEN

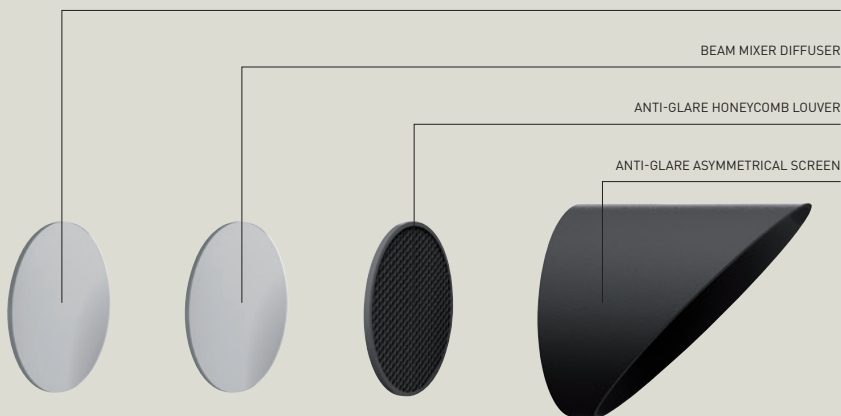
Pantalla accesoria para orientar el haz de luz de manera asimétrica y conseguir, por un lado, reducir el deslumbramiento y, por otro, una distribución luminosa de incidencia lateral (adecuada para aplicaciones de bañador de pared, entre otras).

Accessory screen to direct the light beam in an asymmetrical way and also to reduce glare and to spread the light laterally (suitable for wall washer applications, among others).

Écran accessoire pour l'orientation du faisceau lumineux de manière asymétrique afin de réduire l'éblouissement et d'obtenir une distribution lumineuse d'incidence latérale (appropriée pour les applications de lèche-murs, entre autres).

Schermo accessorio per orientare il fascio di luce in modo asimmetrico ed ottenere, da un lato, la riduzione dell'abbagliamento e, dall'altro, una distribuzione luminosa ad incidenza laterale (adeguata per applicazioni di wall washer, tra le altre cose).

Optionales Schirm-Accessoire für die asymmetrische Ausrichtung des Lichtbündels, um zum einen die Blendung zu reduzieren und zum anderen einen seitlichen Lichteinfall zu erzielen (zum Beispiel für Wandbestrahlung).



Elliptical Refractor



Beam Mixer Diffuser



Anti-glare Honeycomb Louver



Anti-glare Screen



COLOURS

The lighting values indicated for each ref.code correspond to the results obtained from the tests carried out on the first mentioned colour of the list.

	B White		NT Textured black		TN Transparent-Black		P Brushed silver matt anodized
	WT Textured white		N Matt black		ZT Textured aluminium		NX Stainless steel
	W Matt white		NW Black-White		Z Aluminium		G Gold
	WG White-Gold		NG Black-Gold		NS Satin nickel		R Red
	WR White-Red		NR Black-Red		Q Matt chrome		O Orange
	WN White-Black		TW Transparent-White		BC Brushed copper		

ART

- WT = RAL 9016
- NT = RAL 9005
- BC = RAL not available. Electrolytic bath

AURAE

- WT = RAL 9016
- NT = RAL 9005

BLACK FOSTER

- N = RAL 9005
- B = RAL 9016
- WT = RAL 9016
- NT = RAL 9005

BLOCK

- W = RAL 9016
- N = RAL 9005

BRIGHT LINE

- W = RAL 9016
- B = RAL 9016

BRIGIT

- W = Colour in the mass looks alike RAL 9016
- R = Colour in the mass looks alike RAL 3031
- O = Colour in the mass looks alike RAL 2011

DARK

- NX = RAL not available. Stainless steel.

DEEP

- WT = RAL 9016

DREAM

- W = Colour in the mass looks alike RAL 9001
- R = Colour in the mass looks alike RAL 3018
- N = Colour in the mass looks alike RAL 7022

DROP

- WT = RAL 9016
- NT = RAL 9005

DRUM

- WT = RAL 9016
- NT = RAL 9005

DUOMO

- W = Colour in the mass looks alike RAL 9016

ESSENTIALS

- W = RAL 9016
- NS = RAL not available. Electrolytic bath
- Q = RAL not available. Electrolytic bath
- WT = RAL 9016

FIFTY

- B = RAL 9016
- WT = RAL 9016
- NT = RAL 9005

FIT

- WT = RAL 9016
- NT = RAL 9005

FLAP

- WT = RAL 9016
- NT = RAL 9005

FOX

- W = Colour in the mass looks alike RAL 9016
- Z = RAL 9006

HIDDEN

- WT = RAL 9016
- NT = RAL 9005

HOLLY

- WT = RAL 9016
- NT = RAL 9005

HUBBLE

- WT = RAL 9016
- NT = RAL 9005

IO

- WT = RAL 9016
- NT = RAL 9005

LARK - 111

- W = RAL 9016
- N = RAL 9005
- Z = RAL 9006

LED WALL LIGHT

- W = RAL 9016
- P = RAL not available. Electrolytic bath.

LEX ECO

- W = RAL 9016
- R = RAL 2004
- G = RAL 1036
- Z = RAL 9006
- WN = RAL 9016 & RAL 9005
- N = RAL 9005

LINE 48V

- N = Anodised, bath colour, looks alike RAL 9005

LIP

- WT = RAL 9016
- NT = RAL 9005

MADISON

- W = RAL 9010
- Z = RAL 9006

MIX

- W = RAL 9010
- Z = RAL 9006

NEOX

- W = RAL 9016

OFFICE

- W = RAL 9010

OLYMPIA

- W = Colour in the mass looks alike RAL 9016

ORBITAL

- W = RAL 9016
- N = RAL 9005
- Z = RAL 9006

PLUS

- WT = RAL 9016
- NT = RAL 9005

POINTER

- W = Colour in the mass looks alike RAL 9010
- N = RAL 9005

POP UP

- WT = RAL 9016
- NT = RAL 9005

PUCK

- WT = RAL 9016
- NT = RAL 9005

QUAD

- W = RAL 9010
- Z = RAL 9006

REC

- WT = RAL 9016
- NT = RAL 9005

SALT

- WW = RAL 9016 & RAL 9016
- WG = RAL 9016 & RAL 1036
- WR = RAL 9016 & RAL 2004

- NW = RAL 9005 & RAL 9016

- NG = RAL 9005 & RAL 1036

- NR = RAL 9005 & RAL 2004

- TW = Transparent & RAL 9016

- TN = Transparent & RAL 9005

SCOPE

- WW = RAL 9016 & RAL 9016

- WG = RAL 9016 & RAL 1036

- WR = RAL 9016 & RAL 2004

- NN = RAL 9005 & RAL 9005

- NG = RAL 9005 & RAL 1036

SHOT LIGHT

- N = Colour in the mass looks alike RAL 9005

- R = RAL 2004

- G = RAL 1036

- Z = RAL 9006

- WN = Colour in the mass looks alike RAL 9016 & Colour in the mass looks alike RAL 9005

- W = Colour in the mass looks alike RAL 9016

SIX

- WT = RAL 9016
- NT = RAL 9005

SKY

- WT = RAL 9016

SLIMGOT

- WT = RAL 9016
- NT = RAL 9005

SPIN

- WT = RAL 9016
- NT = RAL 9005

STEP

- NX = RAL not available. Stainless steel.

STRAM

- WT = RAL 9016
- NT = RAL 9005
- ZT = RAL 9006

SWAP

- W = Colour in the mass looks alike RAL 9010
- R = RAL 2004
- G = RAL 1036
- Z = RAL 9006
- WN = Colour in the mass looks alike RAL 9010 & RAL 9005
- N = RAL 9005
- W54 = Colour in the mass looks alike RAL 9010

THOR

- WT = RAL 9016
- NT = RAL 9005

TOP

- WT = RAL 9016
- NT = RAL 9005

TRACKS

- B = RAL 9016
- N = RAL 9005
- WT = RAL 9016
- NT = RAL 9005

TRACK 48V

- N = RAL 9005

TWIST

- WT = RAL 9016
- NT = RAL 9005

ZEN

- WT = RAL 9016
- NT = RAL 9005



Arkoslight ofrece en algunos de sus productos la posibilidad de dotarlos de un LED especial para iluminación orientada a la promoción visual de bienes y productos con finalidad comercial.

Se trata de un LED de alta cromaticidad que persigue destacar los tonos que favorecen la percepción psicológica positiva del objeto iluminado. Esta fuente de luz LED especial ofrece una paleta de colores más atractiva e intensa, por encima de lo que lo hace un LED convencional. Esto se consigue gracias a la configuración del LED bajo un "parámetro especial de saturación" que consigue que los colores y la textura de los objetos se muestren más atractivos dentro del espectro de luz visible. Para ello se selecciona, en cada caso, el COB pertinente, con su recubrimiento específico de fósforo.

For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a « special saturation parameter », capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate COB and specific phosphor coating are carefully selected.

Arkoslight vous offre sur certains de ses produits la possibilité de les équiper d'un LED spécial, qui a été conçu pour une illumination orientée à la promotion visuelle de biens ou produits à des fins commerciales. Il s'agit d'un LED de haute chromaticité permettant de mettre en évidence les tons qui favorisent une perception psychologique positive de l'objet illuminé.

Cette source de lumière LED spéciale vous offre une palette de couleurs plus attractive et intense, et plus vaste que celle d'un LED conventionnel. Ceci est possible grâce à la configuration du LED qui inclue un "paramètre spécial de saturation", lequel réussit à ce que les couleurs et la texture des objets apparaissent de manière plus attractive dans le spectre de lumière visible. Pour ce faire, le COB correspondant est sélectionné en fonction de chaque cas, et il en est de même pour son revêtement spécifique en phosphore.

Arkoslight offre su alcuni dei suoi prodotti la possibilità di dotarli di un LED speciale per illuminazione orientata alla promozione visiva di beni e prodotti a scopo commerciale.

Si tratta di un LED ad alta cromaticità che mette in rilievo le tonalità che favoriscono la percezione psicologica positiva dell'oggetto illuminato. Questa sorgente di luce LED speciale offre una gamma di colori più attraenti e intensi, superiore a quella che può offrire un LED convenzionale. Ciò si ottiene grazie alla configurazione del LED secondo un "parametro speciale di saturazione" che fa in modo che i colori e la texture degli oggetti appaiano più attraenti all'interno dello spettro di luce visibile. A tale scopo si seleziona, in ciascun caso, l'apposito COB e il suo fosforo di rivestimento specifico.

Einige der Produkte von Arkoslight können mit einer Spezial-LED für die visuelle Bewerbung von Waren und Produkten zur Verkaufsförderung ausgerüstet werden.

Dabei handelt es sich um eine hochchromatische LED, um Farbtöne hervorzuheben, die die positive psychologische Wahrnehmung des beleuchteten Objekts begünstigen.

Diese spezielle LED-Lichtquelle bietet eine ansprechendere und intensivere Farbpalette als eine herkömmliche LED. Dies wird durch die Konfiguration der LED nach einem "speziellen Sättigungsparameter" erreicht, der Farben und Textur der Objekte innerhalb des sichtbaren Spektralbereichs attraktiver erscheinen lässt. Dafür wird die jeweils zweckdienliche COB und spezifische Phosphorbeschichtung gewählt.

SYMBOLS GLOSSARY



L	Longitud (en mm).	Length (in mm).	Longueur (en mm).	Lunghezza (in mm).	Länge (in mm).
AL	Aluminio	Aluminium	Aluminium	Alluminio	Aluminium
PC	Policarbonato	Polycarbonate	Polycabonate	Policarbonato	Polycarbonat
PE	Polietileno	Polyethylene	Polyéthylène	Poietilene	Polyäthylen
GL	Cristal	Glass	Verre	Vetro	Glas
PMMA	Polimetilmetacrilato	Polymethyl methacrylate	Polyméthacrylate de méthyle	Polimetilmetacrilato	Polymethylmetacrylat
INOX	Acero inoxidable	Stainless steel	Acier inoxydable	Acciaio inossidabile	Edelstahl
MATT	Mate	Matt	Opaque	Opaco	Matt
TRANS	Transparente	Transparent	Transparent	Trasparente	Transparent
ABS	Acrlonitrilo Butadieno Estireno	Acrylonitrile Butadiene Styrene	Acrylonitrile Butadiène Styrène	Acrlonitrile Butadiene Stirene	Acrylnitril-Butadien-Styrol
LOR	<i>Lumen Output Ratio</i> . Relación entre el flujo de salida de la luminaria y el flujo de salida de la fuente de luz.	Lumen Output Ratio. Ratio between the output flux of the luminaire and the output flux of the light source.	<i>Lumen Output Ratio</i> . Rapport entre le flux de sortie du luminaire et le flux de sortie de la source de lumière.	<i>Lumen Output Ratio</i> . Relazione tra il flusso di uscita dell'apparecchio e il flusso di uscita della sorgente luminosa.	Zusammenhang zwischen dem Ausgangsstrom der Leuchte und dem Ausgangsstrom der Lichtquelle.
IPXX	Índice de estanqueidad	Sealing rating	Indice d'étanchéité	Indice di sigillatura	Schutzgrad gegen Eindringen von Staub und Feuchtigkeit
IKXX	Índice de protección contra impactos	Impact resistance	Indice de protection contre des impacts	Indicizzi di protezione contro impatti	Stoßfestigkeitsgrad
MAX XXW	Potencia máxima	Maximum power	Puissance Maximum	Potenza massima	Maximale Leistung
CCT	Temperatura de color	Colour Temperature	Température de couleur	Temperatura di colore	Farbtemperatur
	Fabricado en	Made of	Fabriqué en	Fabbricato in	Hergestellt aus
	Reflector	Screen	Réflecteur	Riflettore	Reflektor
	Cristal óptico	Optical glass	Verre optique	Verro ottico	Optischem glas
	Difusor	Diffuser	Diffuseur	Diffusore	Diffusor
	Difusor	Diffuser	Diffuseur	Diffusore	Diffusor
	Lente refractora elíptica	Elliptical refractor	Réfracteur élliptique	Rifrattore ellittico	Linse (f. elliptischen Lichtkegel)
	Filtro panel de abeja	Honeycomb filter	Filtre nid d'abeilles	Filtri favo	Waben-Raster
	Pantalla asimétrica	Asymmetric screen	Accessoire asymétrique	Visiera asimetrica	Assymetrischer Schirm/Blende
	Difusor homogeneizador del haz de luz	Beam Mixer Diffuser	Diffuseur homogénéisateur de faisceau lumineux	Diffusore di fascio luminoso misto	Strahlenmischdiffusor
	Bisel extra	Add-on bezel	Collerette extra	Cornice extra	Zusatz-Zierring
	Certificado ENEC	ENEC certified	Certifié ENEC -	Certificato ENEC	ENEC-Zertifizierung
	Lámpara LED	LED lamp	Lampe LED	Lampada LED	LED-Lampe
	Marcado CE	CE marking	Marquage CE	Segno CE	CE-gekennzeichnet
	Válido para techos desmontables (600x600mm)	Suitable for armstrong ceilings (600x600mm)	Valable également pour plafonds démontables (600x600mm)	Adatto a controsoffitti (600x600mmmm)	Geeignet für Armstrong-Decken (600x600mm)



	Clase I	Class I	Classe I	Classe I	Klasse I
	Clase II	Class II	Classe II	Classe II	Klasse II
	Clase III	Class III	Classe III	Classe III	Klasse III
	Tensión de alimentación 12V	Input supply voltage 12V	Tension d'alimentation de l'ampoule 12V	Tensione di alimentazione della lampada 12V	Anschlussspannung 12V
	Tensión de alimentación 220-240V	Power supply voltage 220-240V	Tension d'alimentation de l'ampoule 220-240V	Tensione di alimentazione della lampada 220-240V	Netzspannung 220-240V
	Tensión de alimentación 48vdc	Power supply voltage 48vdc	Tension d'alimentation de l'ampoule 48vdc	Tensione di alimentazione della lampada 48vdc	Netzspannung 48vdc
	Equipo no incluido	Control gear not included	Équipement non inclus	Alimentatore non compreso	Vorschaltgerät exklusive
	Equipo electrónico incluido	Electronic control gear included	Équipement électronique inclus	Alimentatore elettronico compreso	Vorschaltgerät elektronische inklusive
	Alojamiento en mm para empotrables	Fitting hole for recessed luminaires in mm	Espace d'emplacement en mm pour encastrables	Foro in mm ad incasso	Einbauloch in mm
	Empotrable cuadrado para agujero redondo	Squared fixture for round fitting holes	Encastrable carré pour trou rond	Quadrato da incasso per foro rotondo	Quadratische Leuchte mit rundem Einbauloch
	Ángulo de basculación	Tilting angle	Angle de basculation	Angolo di inclinazione	Drehwinkel - Kippwinkel
	Doble basculación	Double tilting acción	Double basculation	Doppia inclinazione	Doppelte Schwenkbarkeit
	Ángulo de giro	Rotation angle	Angle de rotation	Angolo di rotazione	Drehwinkel
	Conexión rápida	Fast connection	Connexion rapide	Collegamento rapido	Schnellsteckeranschluss
	Equipo conexionado	Connected control gear	Équipement connecté	Alimentatore collegato	Vorschaltgerät bereits angeschlossen
	Bloque de conexión no incluido	Terminal strip not included	Bande terminale connector exclus	Morsetto non compreso	Ohne Klemmenleiste
	Conexión con enchufe	Plug-in	Connexion avec prise	Collegamento con spina	Anschluss mit Stecker
	Tipo de carril	Rail Type	Type de rail	Tipo de binario	Schienenmodelle
	Regulable	Dimmable	Gradable	Dimmerabile	Dimmbar
	Longitud del cable	Cable length	Longueur de câble	Lunghezza di cavo	Hängekabel Schnelljustierungsvorrichtung
	Regulación rápida del cable de suspensión	Quick adjustment for cable suspension	Régulation rapide du câble de suspension	Regolazione rapida del cavo di sospensione	Schnelle Regulation del Hängekabels
	Control por bluetooth	Control through bluetooth	Contrôle par bluetooth	Controllo con bluetooth	Steuerung über Bluetooth
	Dispositivo para alumbrado de emergencias	Emergency lighting device	Dispositif pour éclairage de secours	Dispositivo por illuminazione di emergenza	Notbeleuchtung
	Compatible con la normativa francesa RT2012 & BBC	Compatible with the French Standard RT2012 & BBC	Compatible avec la Norme française RT2012 & BBC	Compatibile con la normativa francese RT2012 & BBC	Kompatibel mit der französischen Norm RT2012 & BBC
	Tipo de instalación y dirección del haz de luz	Instalation type and light beam direction	Type d'installation et direction du faisceau lumineux	Tipo d'impianto e direzione del fascio	Art und Ausrichtung des Lichtkegels
	Confort visual. UGR (Unified Glare Rating)	UGR (Unified Glare Rating) Visual comfort	Confort visuel. UGR (Unified Glare Rating)	Comfort visivo. UGR (Unified Glare Rating)	Sehkomfort. UGR (Unified Glare Rating)
	Estabilidad cromática: Pasos MacAdam	Chromatic stability: MacAdam Steps	Stabilité chromatique: Pas MacAdam	Stabilità cromatica: Step MacAdam	Farbstabilität: MacAdam Stufen
	Carga máxima soportada	Maximum supported load	Charge maximale supportée	Carico massimo supportato	Maximale Traglast
	Temperatura máxima en supeficie	Maximum surface temperature	Température Maximale sur une surface	Temperatura massima in superficie	Maximale Temperatur an der Oberfläche
	Válido para exterior	Suitable for outdoor use	Agréé pour l'extérieur	Adatto per uso esterno	Geeignet für Ausseninstallation
	Para uso interior	Indoor luminaire	Pour usage en intérieur	Per uso interno	Innenleuchte



NOTA SOBRE LOS VALORES EXPRESADOS EN ESTE CATÁLOGO

Los valores de potencia (W) y flujo luminoso (lm) expresados en este catálogo corresponden a la fuente de luz. Si desea conocer los valores de potencia del sistema (que incluye el consumo del driver), éstos están recogidos en la ficha técnica de cada referencia, disponible en www.arkoslight.com

CRITERIOS DE CALIDAD EN LA SELECCIÓN DEL LED

Arkoslight selecciona minuciosamente sus fuentes de luz LED teniendo en cuenta el método de categorización "binning". Durante la producción de LEDs, debido a las tolerancias de fabricación, existen variaciones en el flujo, la temperatura de color y el voltaje. Por este motivo se clasifica la producción de LEDs en "BINs", según estos parámetros. Al elegir las fuentes de luz de sus luminarias, Arkoslight selecciona los "BINs" o grupos a los que pertenecerán todos los LED que se emplearán en las luminarias de producción. Así, se logra reducir el rango de tolerancias de estas tres características y se garantiza mayor estabilidad en el flujo luminoso, el voltaje y la temperatura de color.

LUMEN

El lumen (lm) es la unidad para medir el flujo luminoso, una medida de la potencia luminosa emitida por la fuente. El flujo luminoso es la medida de la potencia luminosa total que emite una lámpara y que es percibida por el ojo humano.

LUX

El Lux (lx) es la unidad que mide el nivel de iluminación tomando como referencia un punto concreto. El Lux también puede ser definido como nº de lúmenes /m². La diferencia entre el lux y el lumen consiste en que el lux toma en cuenta la superficie sobre la que el flujo luminoso se distribuye. 1000 lúmenes, concentrados sobre un metro cuadrado, iluminan esa superficie con 1000 lux. Los mismos mil lúmenes, distribuidos sobre 10 metros cuadrados, producen una iluminancia de sólo 100 lux. En otras palabras, iluminar un área mayor al mismo nivel de lux requiere un número mayor de lúmenes.

ESTABILIDAD CROMÁTICA

Según el standard CIE 1931, en el diagrama cromático usado para describir todos los colores que puede percibir el ojo humano, se han definido regiones (llamadas elipses MacAdam) que agrupan los colores que son indistinguibles entre sí. Esta agrupación permite establecer una medida para determinar las diferencias entre coordenadas cromáticas: los pasos MacAdam o SDCM (Standard Deviation Color Matching). Dentro de una tolerancia de desviación Step MacAdam 1, la diferencia percibida entre los colores es inexistente. Hasta 3 pasos MacAdam, la diferencia es prácticamente inapreciable y la temperatura de color de la luz LED se considerará homogénea. Arkoslight selecciona cuidadosamente -de entre el catálogo de sus proveedores-, las fuentes de luz LED adecuadas para conseguir una estabilidad cromática homogénea entre las diferentes unidades de una misma luminaria, sea cual sea el momento de su producción. La práctica totalidad de luminarias de Arkoslight están dentro del rango MacAdam Step 2.

CRI

El índice de reproducción cromática (CRI) es una escala cuantitativa que mide la capacidad de la luz para reproducir fielmente la veracidad de los colores comparados con su reproducción bajo la luz natural -que representa el ideal de fidelidad 100%-.

IK

El grado de protección IK es una clasificación numérica internacional para los grados de protección proporcionados por las envolventes de materiales eléctricos contra los impactos mecánicos externos.

Código IK

Energía de impacto * IK00 IK01 IK02 IK03 IK04 IK05 IK06 IK07 IK08 IK09 IK10
(julio) * 0.15 0.20 0.35 0.50 0.70 1 2 5 10 20

CÓDIGO IP

Sistema de codificación para indicar los grados de protección proporcionados por una envolvente contra el acceso a partes peligrosas, la penetración de cuerpos sólidos extraños y la penetración de agua. El código IP está formado por dos cifras situadas inmediatamente después de las letras "IP", cuyo significado se expresa en la siguiente tabla:

	PRIMERA CIFRA		SEGUNDA CIFRA
IP	Protección contra contactos eléctricos directos	Protección contra penetración de cuerpos sólidos extraños	Protección contra penetración de agua
0	Ninguna protección	Ninguna protección	Ninguna protección
1	Penetración mano	Cuerpos ø > 50 mm	Goteo vertical
2	Penetración dedo ø > 12 mm y 80 mm de longitud	Cuerpos ø > 12,5 mm	Goteo desviado 15° de la vertical
3	Penetración herramienta	Cuerpos ø > 2,5 mm	Lluvia. Goteo desviado 60° de la vertical
4	Penetración alambre	Cuerpos ø > 1 mm	Proyecciones de agua en todas direcciones
5	Penetración alambre	Puede penetrar polvo en cantidad no perjudicial	Chorros de agua en todas direcciones
6	Penetración alambre	No hay penetración de polvo	Fuertes chorros de agua en todas direcciones
7	---	---	Inmersión temporal
8	---	---	Inmersión prolongada (Material sumergible) bajo las condiciones indicadas por el fabricante

1-10V

Regulación continua a través de señal analógica de control. El 1-10V permite la regulación de modo continuo. Los niveles de iluminación pueden establecerse entre el 10% y el 100% de luz de salida. Conectando un driver 1-10V a un punto de control de la luz el sistema proporciona una regulación continua.

PHASE CUT

El recorte de fase se realiza sin necesidad de una línea de control adicional, conectando un regulador en serie entre la línea de alimentación y el equipo. Dependiendo como se realiza el recorte de la tensión de red se puede distinguir entre Leading-edge y Trailing-edge.

PUSH DIM

La regulación por pulsación no posee un standard y existen diferentes opciones de cableado e instalación para este tipo de regulación según cada fabricante de equipos. Usualmente serán necesarios uno o dos cables extra para su instalación, según cada fabricante.

DALI

El protocolo DALI permite conectar juntos equipos de regulación de diferentes fabricantes. Un sistema DALI consiste en un controlador y uno o más dispositivos de iluminación que cuentan con una interface DALI. El controlador puede monitorear cada intensidad de luz ofreciendo hasta 256 niveles de regulación entre apagado y 100%. Existe una extensión Wireless para el sistema DALI.

DSI

Para la formación de grupos de luminarias con un óptimo uso energético, por ejemplo en pabellones deportivos y naves de producción, se dispone de soluciones conformadas en torno al sistema modular DIM y la interfaz digital DSI. La programación sencilla de escenas es una de las atractivas funciones que ofrece un sistema de gestión de iluminación DSI, como también lo es la posibilidad de un tendido común - en un único canal -, de la línea de control y la línea de alimentación de la red. La transmisión digital garantiza la omisión de interferencias, además de un nivel de regulación idéntico en todas las luminarias.

SEGURIDAD ELECTRICA



Luminaria de Clase I:

Luminaria en que la protección contra los choques eléctricos no recae exclusivamente sobre el aislamiento principal, sino que tiene una medida de seguridad suplementaria bajo la forma de medios de conexión de las partes conductoras accesibles a un conductor de protección puesto a tierra.



Luminaria de Clase II:

Luminaria en que la protección contra los choques eléctricos no recae únicamente sobre el aislamiento principal, sino que comprende medidas de seguridad suplementarias, tales como el doble aislamiento o el aislamiento reforzado y en las que no existen medios de puesta a tierra de protección o dependencia de las condiciones de la instalación.



Luminaria de Clase III:

Luminaria en la que la protección contra los choques eléctricos recae en la alimentación con muy baja tensión de seguridad y en la que no se generan tensiones superiores a ésta.

TEMPERATURA DE COLOR

La temperatura de color de una Fuente de luz se mide en grados kelvin (K) Temperaturas de color superiores a los 5000K se conocen como colores fríos (azul-blanco) mientras que temperaturas entre los 2700 y 3000K son consideradas colores cálidos.

UGR

UGR es una escala que unifica los diferentes métodos de evaluación del deslumbramiento. El UGR trata de describir una percepción subjetiva en términos medibles considerando el deslumbramiento potencial de todas las luminarias situadas dentro del campo visual de un observador. Los valores oscilan entre 10 y 30, donde 10 significa "no deslumbramiento" y 30 significa "deslumbramiento perturbador". El UGR no es una característica propia de la luminaria, sino de la instalación, por lo que los UGR dados en este catálogo se han calculado usando una instalación estándar. Recomendamos el cálculo del UGR concreto de su instalación, para asegurar el valor deseado. En este catálogo todos los UGR se han calculado bajo los valores: 4H 2H Shr1



NOTE CONCERNING THE VALUES INDICATED IN THIS CATALOGUE

The power (W) and luminous flux (Lm) values indicated in this catalogue correspond to the lighting source. In case you wish to know the power values of the system (including the driver's consumption), you may find them on the Technical Data Sheet of each item, available on: www.arkoslight.com

QUALITY CRITERIA TO SELECT THE LEDS

Arkoslight selects with the highest care its LED lighting sources , using the "binning" classification method. During the production process of the LEDs, and taking into account the production tolerances, some variations of the flux, the colour temperature or the voltage usually occur. For this reason , the production of the LEDs is classified in "BINs", according to the formerly mentioned parameters. At the moment of choosing the lighting sources for its luminaires, Arkoslight always selects the "BINs" or the groups corresponding to all the LEDs to be used for the luminaires to be produced. Proceeding this way, we are able to reach a significant reduction of the tolerance range of these 3 characteristics, and also we can guarantee a better stability of the luminous flux, the voltage and the colour temperature.

LUMEN

The lumen (lm) is the unit that measures the luminous flux, a measurement of the luminous output emitted by the source. The luminous flux is the measurement of total luminous output emitted by a lamp and that is perceived by the human eye.

LUX

The Lux (lx) is the unit that measures the degree of illumination taking a specific point as the reference. The Lux can also be defined as nº of lumens /m². The difference between the lux and the lumen lies in that fact that the lux takes into account the surface over which the luminous flux is distributed. 1000 lumens concentrated over a square meter illuminate this surface with 1000 lux. The same one thousand lumens distributed over 10 square meters, only produce illuminance of 100 lux. In other words, illuminating a bigger area with the same degree of lux requires a greater number of lumens.

CHROMATIC STABILITY

According to the CIE 1931 Standard, in the chromatic diagram used to describe all the colours that the human eye can perceive, some regions (called MacAdam ellipses) have been defined, in order to put together the colours that cannot be distinguished. Such grouping allows to establish a measure in order to identify the differences between the chromatic coordinates: the MacAdam steps or SDCM (Standard Deviation Colour Matching). Within a deviation tolerance of 1 step MacAdam, the difference perceived between colours does not exist. Up to 3 steps MacAdam , the difference can hardly be perceived and the colour temperature of the LED lighting is considered as homogeneous.

Arkoslight selects carefully the most appropriate LED lighting sources (from its suppliers' catalogues), in order to reach an homogeneous chromatic stability between the different units of a single luminaire, regardless of when it was produced. Most of the Arkoslight luminaires belong to step 2 MacAdam category.

CRI

A color rendering index (CRI) is a quantitative measure of the ability of a light source to reveal the colors of various objects faithfully in comparison with an ideal or natural light source.

IK

The IK protection level is an international numeric classification for the degrees of protection provided by enclosures for electrical materials against external mechanical impacts.

IK Code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy (joules)	*	0.15	0.20	0.35	0.50	0.70	1	2	5	10	20

IP CODE

Coding system that indicates the levels of protection achieved by means of a coating against access to hazardous parts, intrusion of solid foreign bodies and water ingress. The IP code is composed of two digits located immediately after the letters "IP", and whose meaning is explained in the table below:

	SECOND CHIFFRE		SECOND FIGURE
IP	Protection against direct electrical contacts	Protection against intrusion of solid foreign bodies	Protection against the entry of moisture
0	No protection	No protection	No protection
1	Hand protection	Bodies of ø > 50 mm	Vertical dripping water
2	Finger protection ø > 12 mm and 80 mm long	Bodies of ø > 12,5 mm	Dripping water tilted up to 15°.
3	Tool protection	Bodies of ø > 2,5 mm	Dripping water tilted up to 60°.
4	Metal wire protection	Bodies of ø > 1 mm	Splashing water in all directions.
5	Metal wire protection	Dust can enter in a harmless quantity.	Water jets in all directions.
6	Metal wire protection	No entry of dust.	Strong water jets in all directions
7	---	---	Temporary immersion
8	---	---	Constant immersion (submersible material) under manufacturer's conditions.

1-10V

Continuous dimming via analog control signal 1-10V feature enables analog dimming in a step-less manner. Light levels can be set anywhere between 10% to 100% of light output. By connecting a 1-10V equipped driver to a light point controller, the feature can provide continuous dimming.

PHASE CUT

Phase control (PFC), also called phase cutting, is a method of pulse-width modulation for power limiting, applied to AC voltages. It works by modulating a thyristor, silicon-controlled rectifier, triode for alternating current, thyatron, or other such gated diode-like devices into and out of conduction at a predetermined phase of the applied waveform.

PUSH DIM

So called as the only control required is a push-to-make switch, is also known as Touch Dimming. No 'standard' exists, so various wiring methods exist depending on driver/ballast manufacturer. Needs standard mains wiring plus either one or two extra wires (depending upon driver/ballast variant)

DALI

DALI enables equipment from different manufacturers to be connected together. DALI network consists of a controller and one or more lighting devices that have DALI interfaces. The controller can monitor and control each light's intensity providing up to 256 levels of brightness between off and 100%. Wireless extension is available for DALI network.

DSI

To optimise the energy consumption of extensive groups of luminaires, for example in sports stadiums or factories, there are solutions based on the modularDIM system and the DSI digital interface. The attractive functions of a DSI lighting management system include simple programming of scenes and the option of common routing of the control line and mains power supply cabling in one duct. Digital transmission means no problems of interference and an identical dimming value for all the luminaires. protection classes



CLASS I LUMINAIRES:

Luminaires in which the protection against electric shocks does not depend exclusively on the main insulation, but on an additional safety device such as a connecting system between the accessible conductive parts and the earth protection conductor.



CLASS II LUMINAIRES:

Luminaires in which the protection against electric shocks does not depend exclusively on the main insulation, but on additional safety devices, such as double insulation, or reinforced insulation, and on which there is no earth protection system protection nor any dependence on the conditions of the installation.



CLASS III LUMINAIRES:

Luminaires on which the protection against electric shocks depends on the supply of very low safety voltage and on which the voltage created is not higher than the one supplied.

COLOR TEMPERATURE

The colour temperature from a light Source is measured in degrees Kelvin (K) Colour temperatures over 5000K are known as cold colours (blue-white) while temperatures between 2700 and 3000K are considered as warm colours.

UGR

UGR is a scale that unifies different glare evaluation methods. The UGR describes subjective perception in measurable terms considering the potential glare of all the luminaires located within the observer's field of vision. The ratings oscillate between 10 and 30, where 10 means "no glare" and 30 means "discomfort glare". The UGR value is not a characteristic of the luminaire itself, but of the complete installation, for what we calculated the UGR values stated in our catalogue based on a common standard installation. We recommend the calculation of the UGR in your installation in practice to assure the desired UGR value. All in this catalogue stated UGR's are calculated under the values: 4H 2H Shr1



NOTE SUR LES VALEURS INDIQUÉES DANS CE CATALOGUE

Les valeurs de puissance (W) et de flux lumineux (Lm) indiquées dans le présent catalogue correspondent à la source de lumière. Si vous souhaitez connaître les valeurs de puissance du système (lequel inclut la consommation du driver), elles sont indiquées sur la fiche technique de chaque référence, disponible sur www.arkoslight.com

CRITÈRES DE QUALITÉ LORS DE LA SÉLECTION DES LEDS

Arkoslight sélectionne minutieusement ses sources de lumière LED, appliquant la méthode de classification par "binning". Pendant la production des LEDs, et tenant en compte des tolérances de fabrication, il existe des variations dans le flux, la température de couleur et le voltage. Pour cette raison, la production de LEDs est classifiée en "BINs", selon ces paramètres. Au moment de choisir les sources de lumières de ses luminaires, Arkoslight sélectionne les "BINs" ou les groupes auxquels appartiendront tous les LEDs qui seront employés dans les luminaires à produire. Ainsi, nous arrivons à réduire le rang de tolérances de ces trois caractéristiques et à garantir une plus grande stabilité du flux lumineux, du voltage et de la température de couleur.

LUMEN

Le lumen (lm) est l'unité de mesure du flux lumineux, une mesure de la puissance lumineuse émise par la source. Le flux lumineux est la mesure de la puissance lumineuse totale émise par une lampe et perçue par l'œil humain.

LUX

Le Lux (lx) est l'unité de mesure du niveau d'éclairage pris comme référence à un point donné. Le Lux peut également être défini comme le nombre de lumens /m². La différence entre le lux et le lumen est que le lux prend en compte la surface sur laquelle le flux lumineux est distribué. 1000 lumens, concentrés sur un mètre carré, éclairent cette surface avec 1000 lux. Les mêmes mille lumens distribués sur 10 mètres carrés produisent un éclairage de 100 lux seulement. En d'autres termes, l'éclairage d'une aire supérieure au même niveau de lux exige davantage de lumens.

STABILITÉ CHROMATIQUE

Selon la Norme CIE 1931, dans le diagramme chromatique utilisé pour décrire toutes les couleurs que l'œil humain peut percevoir, des régions (appelées ellipses MacAdam) ont été définies pour grouper les couleurs qui sont impossible de distinguer entre elles. Ce regroupement permet d'établir une mesure pour déterminer les différences entre les coordonnées chromatiques : les pas MacAdam ou SDCM (Standard Deviation Colour Matching). Dans la tolérance de déviation Step MacAdam 1, la différence perçue entre les couleurs est inexistente. Jusqu'à 3 pas MacAdam, la différence est pratiquement inappréciable et la température de couleur de la lumière LED se considère homogène. Arkoslight sélectionne avec soin – à partir des catalogues de ses fournisseurs -, les sources de lumière LED les plus appropriées pour obtenir une stabilité chromatique homogène entre les différentes unités d'un même luminaire, quel que soit le moment de sa production. Pratiquement la totalité des luminaires de Arkoslight se situe dans le rang MacAdam Step 2.

CRI

L'Indice de rendu des couleurs (CRI en anglais) est une mesure quantitative de la capacité d'une source lumineuse de reproduire les couleurs des objets de manière réaliste par rapport à un idéal ou à la lumière naturelle.

IK

Le degré de protection IK est un classement numérique international pour les degrés de protection obtenus par les enveloppes des pièces électriques contre les chocs mécaniques externes.

Code IK	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Énergie d'impact (joules)	*	0.15	0.20	0.35	0.50	0.70	1	2	5	10	20

CODE IP

Système de codification servant à indiquer les niveaux de protection, obtenus grâce à un revêtement, contre l'accès aux parties dangereuses, la pénétration de corps solides étrangers et la pénétration d'eau. Le code IP est formé par deux chiffres situés immédiatement après les lettres "IP", et dont le sens est expliqué dans le tableau ci-dessous :

	PREMIER CHIFFRE		SECOND CHIFFRE
IP	Protection contre des contacts électriques directs	Protection contre la pénétration de corps solides étrangers	Protection contre la pénétration d'eau
0	Aucune protection	Aucune protection	Aucune protection
1	Protection main	Corps ø > 50 mm	Egouttement vertical
2	Protection doigt ø > 12 mm et 80 mm de longueur	Corps ø > 12,5 mm	Egouttement dévié de 15° de la verticale
3	Protection outil	Corps ø > 2,5 mm	Pluie. Egouttement dévié de 60° de la verticale
4	Protection fil métallique	Corps ø > 1 mm	Projections d'eau dans toutes les directions.
5	Protection fil métallique	La poussière peut pénétrer an quantité non préjudiciable.	Jets d'eau dans toutes les directions.
6	Protection fil métallique	Il n'y a pas de pénétration de poussière.	Forts jets d'eau dans toutes les directions.

7	---	---	Immersion temporaire
8	---	---	Immersion prolongée (matériel submersible) dans les conditions indiquées par le fabricant.

1-10V

La plage de gradation continue et le signal de commande analogique. La caractéristique 1-10V permet une gradation analogique en un minimum d'étapes. Tous les niveaux d'éclairage peuvent être réglés entre 10 % et 100 % de la sortie de lumière d'une source. En connectant un driver doté du système 1-10V à un contrôleur de point lumineux, on peut obtenir une gradation continue.

PHASE CUT

Le contrôle de phase (PFC), également appelé coupure de phase, est une technique de modulation de la largeur d'impulsions permettant de limiter la puissance, appliquée aux tensions alternatives. Il fonctionne en modulant un thyristor, un redresseur commandé au silicium, un triode de courant alternatif, un thyatron, ou tout autre dispositif à diode similaire en conduction ou non dans une phase prédéfinie de l'onde appliquée.

PUSH DIM

Ce que l'on appelle « contrôle unique requis » est un interrupteur à poussoir, également appelé Gradation au toucher. Il n'y a pas de « standard », il y a différentes méthodes de câblage selon chaque fabricant de driver/ballast. Il est nécessaire d'avoir un câblage électrique standard plus un ou deux câbles supplémentaires (selon chaque variante de driver/ballast)

DALI

DALI permet la connexion des équipements de différents fabricants entre eux. Le réseau DALI inclut un contrôleur et un ou plusieurs dispositifs d'éclairage dotés d'interfaces DALI. Le contrôleur peut surveiller et contrôler l'intensité lumineuse de chacune des lampes en donnant jusqu'à 256 niveaux de luminosité entre 0 % et 100 % Extension sans fil disponible pour réseau DALI.

DSI – SIMPLE ET FONCTIONNEL

Pour réaliser des groupes de luminaires à énergie optimisée, dans les halles de sport ou de production par exemple, les solutions basées sur le système modularDIM et l'interface numérique DSI sont tout indiquées. La gestion de l'éclairage DSI offre une série de fonctions attrayantes, comme la programmation aisée de scénarios lumineux et la possibilité de poser les lignes de commande dans la même gaine que les câbles d'alimentation. La transmission numérique garantit l'absence de perturbations et un niveau de gradation identique pour tous les luminaires. Système de protection



LUMINAIRE DE CLASSE I:

Luminaire sur lequel la protection contre los chocs électriques ne dépend pas exclusivement de l'isolation principale, mais d'un dispositif de sécurité supplémentaire sous forme de moyens de connexion des parties conductrices accessibles à un conducteur de protection mis à terre.



LUMINAIRE DE CLASSE II:

Luminaire sur lequel la protection contre los chocs électriques ne dépend pas exclusivement de l'isolation principale, mais de dispositifs de sécurité supplémentaires, comme une double isolation, ou une isolation renforcée, et sur lequel il n'existe pas de système de mise à terre de protection ou de dépendance des conditions de l'installation.



LUMINAIRE DE CLASSE III:

Luminaire sur lequel la protection contre los chocs électriques dépend de l'alimentation de très basse tension de sécurité et sur lequel la tension créée n'est pas supérieure à celle-ci.

TEMPÉRATURE DE COULEUR

La température de couleur d'une Source lumineuse est mesurée en degrés kelvin (K) Les températures de couleur de plus de 5000K sont connues sous le nom de couleurs froides (bleu-blanc) alors que les températures de 2700 à 3000K sont considérées comme des couleurs chaudes.

UGR

UGR est une échelle permettant d'unifier les différentes méthodes d'évaluation de l'éblouissement. L'UGR a pour objet de décrire une perception subjective en termes mesurables en considérant l'éblouissement potentiel de tous les luminaires situés dans le champ visuel d'un observateur. Les valeurs varient entre 10 et 30, où 10 signifie « absence d'éblouissement » et 30 signifie « éblouissement perturbateur ». L'UGR est une caractéristique du contexte de l'installation, pas de la luminaire. Donc les renseignements inclus dans ce catalogue ont été étudiés dans une installation standard. Nous recommandons le calcul de l'UGR concret de votre installation, pour vérifier les valeurs et assurer l'indice souhaité. Dans ce catalogue tous les UGR ont été calculés avec les valeurs : 4H 2H Shr1.



NOTA SUI VALORI ESPRESSI IN QUESTO CATALOGO

I valori di potenza (W) e di flusso luminoso (Lm) espressi in questo catalogo corrispondono alla sorgente luminosa. Per conoscere i valori di potenza del sistema (che comprende il consumo del driver), si rimanda alla scheda tecnica di ciascun articolo, disponibile su www.arkoslight.com

QUALITÀ NELLA SELEZIONE DEI LED

Arkoslight seleziona minuziosamente le sue sorgenti di luce LED tenendo conto del metodo di classificazione "binning". Durante la produzione dei LED, dovuto alle tolleranze di fabbricazione, esistono variazioni nel flusso, la temperatura di colore e il voltaggio. Per questo motivo la produzione di LED è classificata in "BIN", secondo questi parametri. Nella scelta delle sorgenti luminose dei suoi apparecchi di illuminazione, Arkoslight seleziona i "BIN" o gruppi a cui appartengono tutti i LED che saranno utilizzati negli apparecchi di illuminazione in produzione. In questo modo, si riesce a ridurre le tolleranze di queste tre caratteristiche e si garantisce una maggiore stabilità del flusso luminoso, del voltaggio e della temperatura di colore.

LUMEN

Il lumen (lm) è l'unità per misurare il flusso luminoso, una misura della potenza luminosa emessa dalla fonte. Il flusso luminoso è la misura della potenza luminosa totale emessa da una lampada e percepita dall'occhio umano.

Lux

Il Lux (lx) è l'unità che misura il livello d'illuminazione prendendo come riferimento un punto concreto. Il Lux può essere definito anche come n° di lumen/m2. La differenza tra il lux e il lumen consiste nel fatto che il lux considera la superficie sulla quale si distribuisce

il flusso luminoso. 1000 lumen, concentrati in un metro quadrato, illuminano questa superficie con 1000 lux. Gli stessi mille lumen, distribuiti su 10 metri quadrati, producono un'illuminazione di soli 100 lux. In altre parole, illuminare un'area maggiore con lo stesso livello di luce, richiede un numero maggiore di lumen.

STABILITÀ CROMATICA

Secondo la norma CIE 1931, nel diagramma cromatico usato per descrivere tutti i colori che l'occhio umano può percepire, sono state definite regioni (chiamate ellissi MacAdam) che raggruppano i colori che sono indistinguibili tra loro. Questo raggruppamento permette di stabilire una misura per determinare le differenze tra coordinate cromatiche: gli step MacAdam o SDCM (Standard Deviation Color Matching). All'interno di una tolleranza di deviazione Step MacAdam 1, la differenza percepita tra i colori è inesistente. Fino allo Step MacAdam 3, la differenza è praticamente impercettibile e la temperatura di colore della luce LED è considerata omogenea. Arkoslight seleziona con cura –tra i cataloghi dei suoi fornitori–, le sorgenti di luce LED adatte per ottenere una stabilità cromatica omogenea tra le varie unità di uno stesso apparecchio di illuminazione, qualsiasi sia il momento della loro fabbricazione. Praticamente tutti gli apparecchi di illuminazione di Arkoslight sono all'interno del range MacAdam Step 2.

CRI

Un indice rendering di colore (CRI) è un'unità di misura dell'abilità di una sorgente luminosa di rivelare i colori di vari oggetti fedelmente, rispetto a una sorgente luminosa ideale o naturale.

IK

Il grado di protezione di IK è una classificazione numerica internazionale per i gradi di protezione forniti dai materiali elettrici di rivestimento contro gli impatti meccanici esterni.

Codice IK IK00 IK01 IK02 IK03 IK04 IK05 IK06 IK07 IK08 IK09 IK10
Energia d'impatto * 0.15 0.20 0.35 0.50 0.70 1 2 5 10 20
 (luglio)

CODICE IP

Codice del grado di isolamento rispetto alla penetrazione di corpi estranei solidi potenzialmente dannosi e di acqua. Il codice IP è formato da due cifre situate immediatamente dopo le lettere "IP", il cui significato è espresso nella tabella seguente:

	PRIMA CIFRA		SECONDA CIFRA
IP	Protezione contro il contatto elettrico diretto	Protezione contro la penetrazione di corpi estranei solidi	Protezione contro la penetrazione di acqua
0	Nessuna protezione	Nessuna protezione	Nessuna protezione
1	Protetto dal contatto con la mano	Corpi > 50 mm	Gocciolamento verticale
2	Protetto dal contatto con le dita > 12 mm e 80 mm di lunghezza	Corpi > 12,5 mm	Gocciolamento deviato di 15° rispetto alla verticale
3	Protetto dall'inserimento di piccoli corpi estranei con strumenti	Corpi > 2,5 mm	Pioggia. Gocciolamento deviato di °60 rispetto alla verticale
4	Protetto dall'inserimento di fil di ferro	Corpi > 1 mm	Getti d'acqua in tutte le direzioni
5	Protetto dall'inserimento di fil di ferro	Protetto dall'accesso di polvere in quantità non dannosa	Getti d'acqua in tutte le direzioni
6	Protetto dall'inserimento di fil di ferro	Nessun accesso di polvere	Forti getti d'acqua in tutte le direzioni
7	---	---	Immersione temporanea
8	---	---	Immersione prolungata (Materiale sommergibile) in condizioni indicate dal produttore

1-10V

Smorzamento continuo tramite segnale di controllo analogico. La funzionalità di 1-10V attiva lo smorzamento analogico in maniera graduale. I livelli di luce possono essere selezionati in qualsiasi punto di luce in uscita tra 10% e 100%. Collegando un driver 1-10V a un punto di controllo di luce, la funzione è in grado di fornire uno smorzamento continuo.

PHASE CUT

Il controllo di fase (PFC), chiamato anche diluizione di fase, è un metodo di modulazione a larghezza d'impulso per limitare la Potenza, applicata a voltaggi AC. Funziona attraverso la modulazione di un tiristore, un interruttore controllato al silicio, un triodo per corrente alternata, un thyatron o un altro tipo di dispositivo a diodo controllato, in entrata e in uscita da una conduzione a una determinata fase di tracciato applicato.

PUSH DIM

Così chiamato in quanto il solo tipo di controllo richiesto è un interruttore a pulsante, altrimenti conosciuto come Dimmer Rotativo. Non esiste alcuno "standard", perciò esistono vari tipi di collegamenti elettrici secondo il produttore del driver/ballast. Ha bisogno dei circuiti di rete elettrica standard più uno o due cavi extra (secondo la variante driver/ballast).

DALI

DALI consente la connessione in uno di vari elementi, provenienti da diversi produttori. La rete DALI si compone di un regolatore e uno o più dispositivi di luce con l'interfaccia DALI. Il regolatore può monitorare e controllare l'intensità di ogni punto luce consentendo oltre 256 livelli di luminosità tra 0 e 100%. È disponibile la versione wireless per la rete DALI.

DSI

Per ottimizzare il consumo energetico di svariati gruppi di corpi illuminanti, ad esempio negli stadi sportivi o nelle fabbriche, vi sono soluzioni basate sul sistema modularDIM e sull'interfaccia digitale DSI. Tra le positive funzioni del sistema per la gestione del flusso luminoso DSI si annoverano la programmazione semplice degli scenari e l'opzione di instradamento comune della cablatura della linea di regolazione e dell'alimentazione di rete in un unico condotto. La trasmissione digitale non comporta alcun problema di interferenze ed ha un valore di dimmerazione identico per tutti i corpi illuminanti.

CLASSI DI ISOLAMENTO



ILLUMINAZIONE DI CLASSE I:

Illuminazione in cui la protezione contro gli shock elettrici non è unicamente affidata all'isolamento principale, esiste una misura di sicurezza supplementare sotto forma di mezzo di connessione delle parti conduttrici, accessibili ad un conduttore di protezione e messa a terra.



ILLUMINAZIONE DI CLASSE II:

Illuminazione in cui la protezione contro gli shock elettrici non è unicamente affidata all'isolamento principale, esistono misure di sicurezza supplementari come il doppio isolamento o l'isolamento rinforzato, sistemi in cui non esistono mezzi di messa a terra di protezione o vincoli nelle condizioni di installazione.



ILLUMINAZIONE DI CLASSE III:

Illuminazione in cui la protezione contro gli shock elettrici è affidata al sistema di alimentazione a bassa tensione in cui non si genera mai un carico di tensione superiore.

TEMPERATURA DI COLORE

La temperatura di colore di una Fonte di luce si misura in gradi kelvin [K] Temperature di colore ai 5000K si conoscono come colori freddi (azzurro-bianco) mentre le temperature tra i 2700 e 3000K sono considerate come colori caldi.

UGR

È una scala che unifica i vari metodi di valutazione dell'abbagliamento. L'UGR cerca di descrivere una percezione soggettiva in termini di misura, considerando l'abbagliamento potenziale di tutti i punti luce situati all'interno del campo visivo di un osservatore. I valori oscillano tra 10 e 30, dove 10 significa "non abbagliamento" e 30 significa "abbagliamento molesto". L'UGR è una caratteristica dallo spazio illuminato, non è dell'apparecchio. L'UGR di questo catalogo è calcolato secondo un layout standard. Si consiglia di calcolare l'UGR proprio del vostro spazio. In questo catalogo, l'UGR è stato calcolato in base ai valori: 4H 2H Shr1.



HINWEIS ZU DEN IN DIESEM KATALOG VERWENDETEN WERTEN

Die in diesem Katalog verwendeten Werte im Hinblick auf Leistung (W) und Lichtstrom (lm) beziehen sich auf die Lichtquelle. Wenn Sie die Leistungswerte des Systems (einschließlich des Verbrauchs des Vorschaltgerätes) wissen möchten, finden Sie diese im technischen Datenblatt des jeweiligen Artikels auf www.arkoslight.com

QUALITÄT BEI DER LED-AUSWAHL

Arkoslight wählt seine LED-Lichtquellen besonders sorgfältig unter Berücksichtigung der Klasseneinteilungsmethode "Binning" aus. Während der LED-Fertigung ergeben sich durch Herstellungstoleranzen Abweichungen bei Lichtstrom, Farbtemperatur und Spannung. Darum wird die LED-Produktion nach diesen Parametern in "BINS" sortiert. Bei der Auswahl der Lichtquellen für die Leuchten entscheidet sich Arkoslight für die "BINS" oder Gruppen, denen alle LEDs angehören, die bei den Leuchten der Produktion eingesetzt werden sollen. Auf diese Weise wird eine Verringerung des Toleranzbereiches dieser drei Merkmale erzielt und mehr Stabilität in Bezug auf Lichtstrom, Spannung und Farbtemperatur gewährleistet.

LUMEN

Das Lumen (lm) ist die Einheit, um den Lichtstrom zu messen, die Maßeinheit der Lichtstärke einer Lichtquelle. Der Lichtstrom ist die Maßeinheit der totalen Lichtstärke, die eine Lampe ausgibt und vom menschlichen Auge wahrgenommen wird.

LUX

Das Lux (lx) misst die Beleuchtungsstärke auf einer Flächeneinheit. Das Lux kann als Anzahl der Lumen / m² definiert werden. Der Unterschied zwischen Lux und Lumen ist, dass das Lux die Fläche berücksichtigt auf welche der Lichtstrom verteilt wird. 1000 Lumen konzentriert auf einem Quadratmeter beleuchten diese Fläche mit 1000 Lux. Die gleichen tausend Lumen verteilt auf 10 Quadratmetern produzieren eine Beleuchtung von nur 100 Lux. Mit anderen Worten, eine größere Fläche mit gleichem Lux-Anteil zu beleuchten erfordert eine höhere Anzahl von Lumen.

FARBSTABILITÄT

Gemäß Standard CIE 1931 wurden in dem zur Beschreibung aller vom menschlichen Auge wahrnehmbarer Farben verwendeten Farbdigramm Bereiche (sogenannte MacAdam-Ellipsen) mit Gruppen von Farben definiert, die nicht voneinander unterschieden werden können. Durch diese Gruppierung kann ein Maß zur Bestimmung der Unterschiede zwischen Farbkoordinaten festgesetzt werden: die MacAdam Stufen oder SDCM (Standard Deviation Color Matching). Innerhalb einer zulässigen Abweichung von 1-MacAdam Ellipse existiert kein wahrnehmbarer Unterschied zwischen der einen und der anderen Farbe. Bis zu 3-MacAdam Ellipsen ist der Unterschied praktisch nicht wahrnehmbar und die Farbtemperatur des LED-Lichts gilt als homogen. Aus dem Spektrum seiner Zulieferer wählt Arkoslight sorgfältigst die geeigneten LED-Lichtquellen aus, um eine homogene Farbstabilität bei allen Einheiten ein und desselben Leuchten-Modells unabhängig vom Herstellungsdatum zu gewährleisten. So gut wie alle Leuchten von Arkoslight befinden sich innerhalb des Bereichs 2-MacAdam Ellipsen.

CRI

Ein Farbwiedergabeindex (CRI) ist das quantitative Messen der Kapazität einer Lichtquelle die Farben verschiedener Objekte im Vergleich zum idealen oder natürlichen Licht getreu wiederzugeben.

IK

Der IK-Stoßfestigkeitsgrad bzw. die IK-Schutzart ist ein Maß bzw. eine internationale numerische Klassifizierung für die Widerstandsfähigkeit von Gehäusen elektrischer Betriebsmittel gegen mechanische Beanspruchung, insbesondere Stoßbeanspruchung. Es gibt zehn Schutzarten, entsprechend der Schlagenergie, der das Gehäuse mindestens standhalten kann.

IK Code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Schlagenergie (Joule)	*	0.15	0.20	0.35	0.50	0.70	1	2	5	10	20

SCHUTZARTEN – IP-CODE

Die Schutzart gibt an, in welchem Masse ein elektrisches Betriebsmittel (wie z.B. Leuchten, LEDs oder Betriebsgeräte) gegen äußere Einflüsse wie das Eindringen von Fremdkörpern, Wasser und gegen Berührung geschützt ist. Der IP-Code besteht aus zwei Ziffern, die sich unmittelbar nach den Buchstaben „IP“ befinden und deren Bedeutung in der folgenden Tabelle ausgedrückt wird.

	ERSTE KENNZIFFER		ZWEITE KENNZIFFER
IP	BERÜHRUNGSSCHUTZ	FREMDKÖRPERSCHUTZ	WASSERSCHUTZ
0	kein Schutz	kein Schutz	kein Schutz
1	Schutz gegen den Zugang mit dem Handrücken	Fremdkörper $\varnothing > 50$ mm	Schutz gegen Tropfwasser
2	Schutz gegen den Zugang mit einem Finger $\varnothing > 12$ mm y 80 mm de Länge	Fremdkörper $\varnothing > 12,5$ mm	Schutz gegen fallendes Tropfwasser, 15° de la vertikal
3	Schutz gegen den Zugang mit Werkzeug	Fremdkörper $\varnothing > 2,5$ mm	Schutz gegen fallendes Sprühwasser bis 60° gegen die Senkrechte
4	Schutz gegen den Zugang mit einem Draht	Fremdkörper $\varnothing > 1$ mm	Schutz gegen allseitiges Spritzwasser
5	Vollständiger Schutz gegen Berührung	Schutz gegen Staub in schädigender Menge	Schutz gegen starkes Strahlwasser
6	Vollständiger Schutz gegen Berührung	Kein Eindringen von Staub	Schutz gegen starkes Strahlwasser unter erhöhtem Druck
7	---	---	Schutz gegen Zeitweiliges Untertauchen
8	---	---	Schutz gegen dauerndes Untertauchen

1-10V

Kontinuierliches Dimmen per analogem Kontrollsignal 1-10 V Funktion ermöglicht ein analoges stufenloses Dimmen. Lichtmengen können zwischen 10 bis 100% der Lichtleistung eingestellt werden. Beim Anschluss eines 1-10 V Treibers an eine Lichtpunktsteuerung, bietet diese Funktion die Möglichkeit eines kontinuierlichen Dimmens.

PHASENSCHNITT

Die Phasenschnittsteuerung (PFC) oder der Phasenschnitt ist eine Methode der Pulsweitenmodulation zur Leistungsbegrenzung für AC Wechselspannungen. Es funktioniert mit der Regulierung eines Thyristor, ein gesteuerter Silizium-Gleichrichter, einer Triode für Wechselstromanwendungen, ein Thyatron oder andere gleich gespannte Dioden-Geräte, in und aus der Stromleitung in einer festgelegten Phase der angewandten Wellenform.

PUSH DIM

So genannt, da die einzige erforderliche Kontrolle ein Schalter der Art „drücken zum verbinden“ ist; ebenso bekannt als Tastregulierung oder touch dimming. Es gibt keinen spezifischen Standard, wodurch verschiedene Verdrahtungsmethoden je nach Hersteller des Treibers/Vorschaltgeräts existieren. Benötigt eine Verdrahtung des Standard-Stromnetzes und ein oder zwei zusätzliche Kabel (je nach Ausführung des Treibers/Vorschaltgeräts).

DALI

DALI ermöglicht Vorrichtungen verschiedener Hersteller miteinander zu verbinden. Das DALI Netzwerk besteht aus einer Steuerung und einem oder mehreren Beleuchtungseinrichtungen, die über DALI Schnittstellen verfügen. Die Steuerung kann jede Lichtintensität überprüfen und kontrollieren und stellt bis zu 256 Helligkeitsstufen zwischen Ausgeschaltet und 100% bereit. Eine Drahtlose Erweiterung ist für das DALI Netzwerk erhältlich.

DSI

Zur energieoptimalen Realisierung ausgedehnter Leuchtengruppen, z.B. in Sport- oder Produktionshallen, bieten sich Lösungen basierend auf dem modularDIM-System und der digitalen Schnittstelle DSI an. Die einfache Programmierung von Szenen gehört ebenso zu den attraktiven Funktionalitäten eines DSI-Lichtmanagements wie die Möglichkeit der gemeinsamen Verlegung von Steuerleitung und Netzspannungsversorgung in einem Kanal. Die digitale Übertragung garantiert Störungsfreiheit und einen identischen Dimmwert bei allen Leuchten.

SCHUTZKLASSE



SCHUTZKLASSE I

Schutzklasse I schützt durch eine Isolierung spannungsführender Teile (= Basisisolierung) und durch den Anschluss berührbarer Metallteile an den Schutzleiter (= Erdung) vor zu hohen Berührungsspannungen.



SCHUTZKLASSE II

In dieser Schutzklasse sind spannungsführende Teile mit einer zusätzlichen Schutzisolierung versehen, wie doppelte Isolierung oder verstärkte Isolierung, und bei dem es keinen Schutz gegen Erdung oder Abhängigkeit von den Bedingungen der Installation gibt



SCHUTZKLASSE DER KLASSE III:

Leuchten, bei der der Schutz gegen Stromschläge auf die Stromversorgung mit sehr niedriger Sicherheitsspannung fällt und bei der keine grösseren Spannungen erzeugt werden.

FARBTEMPERATUR

Die Farbtemperatur einer Lichtquelle wird in Kelvin [K] gemessen. Farbtemperaturen über 5000K sind als kalte Farben (blau-weiß) bekannt, während Temperaturen zwischen 2700 und 3000K als warme Farben bezeichnet werden.

UGR

UGR ist ein Verfahren, das die verschiedenen Methoden zur Bewertung der Blendung miteinander vereint. Das UGR versucht eine subjektive Wahrnehmung messbarer Zustände zu beschreiben, unter Berücksichtigung der potentiellen Blendung aller Lichtquellen innerhalb des Sichtfeldes eines Betrachters. Die Werte schwanken zwischen 10 und 30, wobei 10 „keine Blendung“ und 30 „störende Blendung“ bedeutet. Der UGR-Wert ist wohlgeordnet kein Merkmal der Leuchte selbst, sondern ein Kennwert der gesamten Installationssituation, weshalb die in unserem Katalog angegebenen UGR-Werte auf einer üblichen Standard-Installation basieren. Wir empfehlen Berechnung des UGR-Wertes in Ihrer konkreten Installation, um den gewünschten Wert sicherzustellen. Alle in diesem Katalog angegebenen UGR-Werte wurden berechnet mit den Werten: 4H 2H Shr1

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