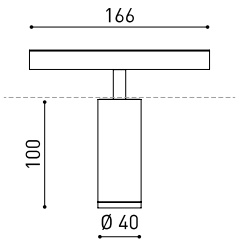
# Top 48V

ARKOSLIGHT

## DIMENSIONS




## ACCESSORIES

HIGH CHROMATIC LED

BEAM MIXER DIFFUSER

ANTI-GLARE HONEYCOMB LOUVER

TRACK 48V OPTIONS

## AWARDS

archiproducts DESIGN AWARDS – WINNER 2018

EUROPEAN PRODUCT DESIGN AWARD

| | |
|---|---|
| **PRODUCT** | |
| Name | TOP 48V 30º 2700K WT |
| Reference | A3390120WT |
| Color | Textured white |
| RAL | 9016 |
| Category | TRACKLIGHTS |
| **LIGHT SOURCE** | |
| Type | LED |
| Gross luminous flux | 610 lm |
| Colour temperature | 2700 K |
| Chromatic stability | MacAdam Step 2 |
| Colour Rendering Index | CRI>90 |
| Power | 6,5 W |
| Current | 700 mA |
| Efficacy | 94 lm/W |
| LED lifespan | L90B10 >55.000h |
| **LIGHTING FIXTURE \| PHOTOMETRIC DATA** | |
| Lighting efficiency | 89% |
| Light beam angle | 30° |
| **LIGHTING FIXTURE \| ELECTRICAL DATA** | |
| Driver | Included |
| Power values of the system | 6,84 W |
| Voltage | 48Vdc |
| Dimming | No Dim |
| Electrical insulation class | III |
| **OTHER DATA** | |
| Sealing | IP20 |
| Wireless control | Please Consult |
| Track type | Track 48V |
| Weight | 160 g |
| Packaged weight | 230 g |
| Packaging dimensions | 188 x 163 x 53 mm |
| Units per package | 1 |
| Materials | Aluminium / Polycarbonate |

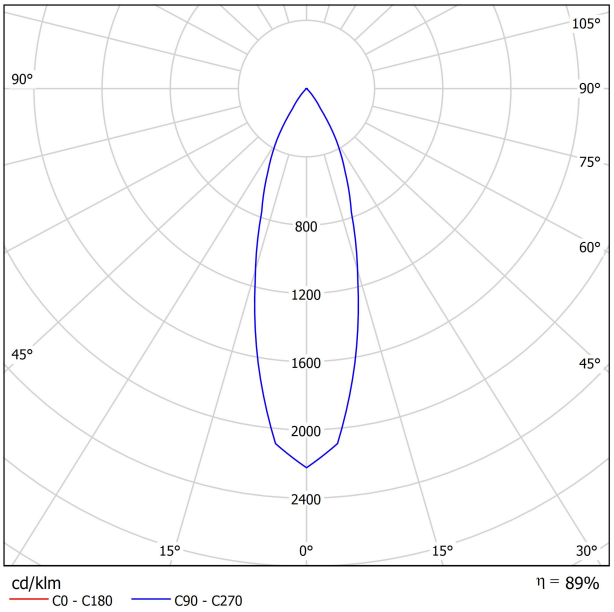
Top 48V is miniaturized luminary that serves as a downlight low voltage tracklight systems. Its reduced dimensions make Top the perfect candidate for projects where a discrete precense and a perfect integration are needed. It is a pure line and an architectural aesthetic design. Moreover, in terms of lighting performance, Top offers a conical distribution with three possible beam angles (flood, medium and spot).

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

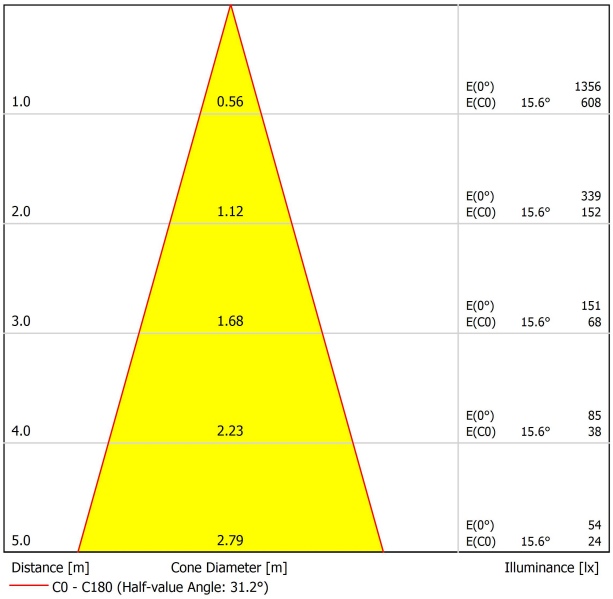


5 Year GUARANTEE*

## POLAR DIAGRAM




## CONICAL DIAGRAM



# HIGH CHROMATIC LED

ARKOSLIGHT®

FOR COMMERCIAL PRODUCT SHOWCASING

| Vivid Model<br>Colour Temperature | 2700K | 3000K | 3500K | 4000K | Light Pink |
|---|---|---|---|---|---|
| Reading | | | ● | ● | |
| Fruits & Vegetables | | ● | ● | | |
| Bakery | ● | | | | |
| Retail | | ● | ● | | |
| Cosmetics | | | ● | ● | |
| Meat | | | | | ● |
| Fish | | | | ● | |
| Seafood | | | | ● | ● |

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 diode and specific phosphor coating are carefully selected.

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year GUARANTEE*

# BEAM MIXER DIFFUSER

ARKOSLIGHT®

| | PRODUCT |
|---|---|
| Model | Beam Mixer Diffuser |
| Reference | 08050100 |
| Category | Accessories |

NOT SOLD SEPARATELY.

The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening.

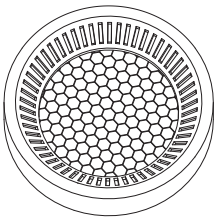
The unique mixing design provides superior far-field smoothing and color mixing with high on-axis brightness. Compared with traditional diffusers, it maintains higher central beam candlepower (CBCP), and produce less undesirable "field light" at higher angles.

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year* GUARANTEE

# ANTI-GLARE HONEYCOMB LOUVER

ARKOSLIGHT®



| | PRODUCT |
|---|---|
| Model | Anti-glare Honeycomb Louver |
| Reference | 08070000WT |
| Colour | **WT** ☐ \| Textured white |
| Category | Accessories |

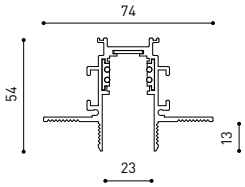
NOT SOLD SEPARATELY.

Accessory made up of louver in the shape of a honeycomb panel to reduce glare and the effects of direct rays of vision.

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year GUARANTEE*

ARKOSLIGHT



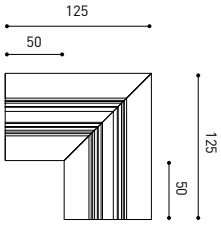

## TRACK 48V TRIMLESS

| | | |
|---|---|---|
| TRACK 48V TRIMLESS 1m | A338-01-00- | N \| WT \| |
| TRACK 48V TRIMLESS 2m | A338-02-00- | N \| WT \| |
| TRACK 48V TRIMLESS 3m | A338-03-00- | N \| WT \| |
| TRACK 48V TRIMLESS Corner 90º One Plane | A338-06-00- | N \| WT \| |
| TRACK 48V TRIMLESS Corner 90º Two Planes | A338-07-00- | N \| WT \| |

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

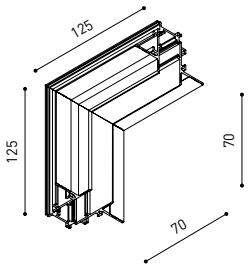
TRIMLESS INSTALLATION GUIDE
https://youtu.be/tgGsQdaYe-w

TRACK 48V TRIMLESS
Corner 90º One Plane

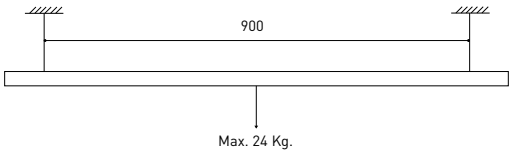


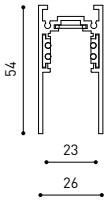

*Electrical connection not included

TRACK 48V TRIMLESS
Corner 90º Two Planes




*Electrical connection not included



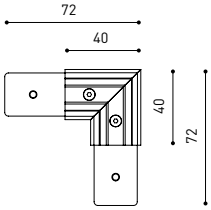



## TRACK 48V SURFACE

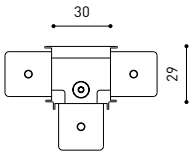
| | | |
|---|---|---|
| TRACK 48V SURFACE 1m | A338-11-00- | NT \| WT \| |
| TRACK 48V SURFACE 2m | A338-12-00- | NT \| WT \| |
| TRACK 48V SURFACE 3m | A338-13-00- | NT \| WT \| |
| TRACK 48V SURFACE Corner 90º One Plane | A338-14-00- | NT \| WT \| |
| TRACK 48V SURFACE T-Joint | A338-15-00- | NT \| |
| TRACK 48V SURFACE X-Joint | A338-16-00- | NT \| |

TRACK 48V SURFACE

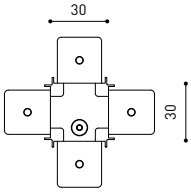
Corner 90º One Plane



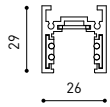

T-Joint




X-Joint




Electrical connection not included | Straight joiner included

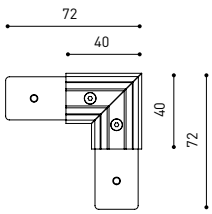



## TRACK 48V SURFACE SHORT

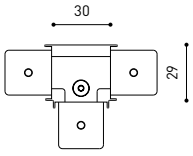
| | | |
|---|---|---|
| TRACK 48V SURFACE SHORT 1m | A338-21-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT 2m | A338-22-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT 3m | A338-23-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT Corner 90º One Plane | A338-24-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT T-Joint | A338-25-00- | NT \| |
| TRACK 48V SURFACE SHORT X-Joint | A338-26-00- | NT \| |

TRACK 48V SURFACE SHORT

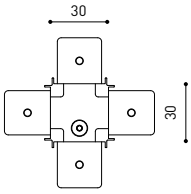
Corner 90º One Plane




T-Joint




X-Joint




Electrical connection not included | Straight joiner included

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

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE

## CONSTANT VOLTAGE LED POWER SUPPLY

| | P | V | D (A x B x C) |
|---|---|---|---|
| **0434-01-61*** \| **N** \| **W** \| | 100W | 48V | 298 x 19 x 16mm |
| **0434-01-69*** \| **N** \| **W** \| | 250W | 48V | 268 x 22 x 44mm |
| **0434-01-62** | 150W | 48V | 350 x 30 x 18mm |
| **0434-01-80** | 250W | 48V | 400 x 40 x 22mm |

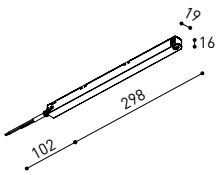
220 240 V~ | *To be installed inside the track.

» 282

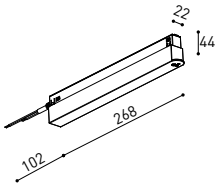
DROP VOLTAGE TABLE

| | | CABLE LENGTH (m) | | | |
|---|---|---|---|---|---|
| | | 5 | 10 | 20 | 30 |
| **POWER** (W) | **CABLE SECTION** (mm²) | **TRACK LENGTH** (m) | | | |
| 100 | 0,75 | 50 | 50 | X | X |
| | 1,5 | 50 | 50 | 40 | 25 |
| 150 | 0,75 | 40 | 15 | X | X |
| | 1,5 | 50 | 40 | 20 | X |
| 250 | 0,75 | 20 | X | X | X |
| | 1,5 | 35 | 20 | X | X |

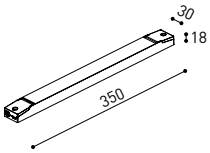
LED POWER SUPPLY
**0434-01-61**



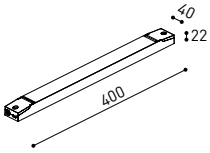

LED POWER SUPPLY
**0434-01-69 ****




LED POWER SUPPLY
**0434-01-62**




LED POWER SUPPLY
**0434-01-80**

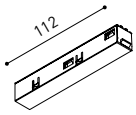



**Not recommended for Track 48V Surface Short

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

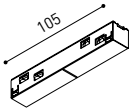
5 Year GUARANTEE

## ALL 48V TRACK



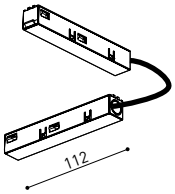

**Live-End Connector 48V**

A338-00-01- | N | W |



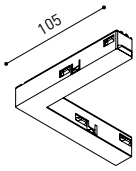

**Central Connector 48V**

A338-00-02- | N | W |




**L-Joint Connector 48V**

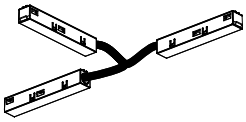
A338-00-12- | N | W |




**Corner 90º Connector One Plane 48V**

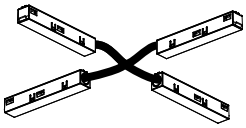
A338-00-24- | N | W |

*Not suitable for trimless version



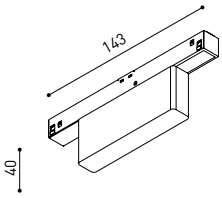
**T-Joint Connector 48V**

A450-00-07- | N |



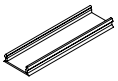
**X-Joint Connector 48V**

A450-00-08- | N |




**Wireless Control 48V**

0434-01-31- | N | W | Casambi/AAG Stucchi App



**Cover Gap 1m 48V**

A338-00-30- | N | W |

## TRIMLESS 48V

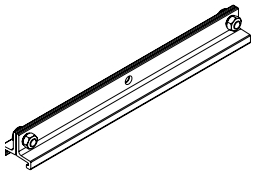
**Trimless T-Bracket 48V**

A338-00-03

**Trimless Clamp for M6 ROD 48V**

A338-00-09

*See accessories quantities



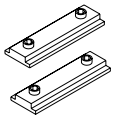
**Trimless Long T-Bracket 48V**

A338-00-04

**Trimless Track Clamp 48V**

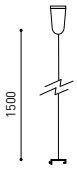
A338-00-10

*See accessories quantities



**Trimless Straight Joiner 48V (2 Units)**

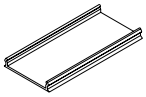
A338-00-05- | N | WT |




**Trimless Suspension Kit 48V**

A338-00-08

*See accessories quantities



**Trimless Plaster Installation Guard 1m 48V**

A338-00-21

*** SUGGESTED MOUNTING ACCESSORIES QUANTITIES**

1000mm - 2 Pcs.
2000mm - 3 Pcs.
3000mm - 4 Pcs.

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

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE

## TRIMLESS, SURFACE & SUSPENSION 48V

**End 48V**

A338-00-06- | NT | WT |

**End feed 48V**

A338-00-07- | NT | WT |

## SURFACE & SUSPENSION SHORT 48V

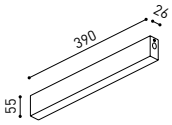
**Short End 48V**

A338-00-18- | NT | WT |

**Short End feed 48V**

A338-00-19- | NT | WT |

## SURFACE & SURFACE SHORT 48V



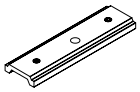

**Power Supply Case 48V**

A338-00-29- | NT | WT | 150 W

220 240 V ~ INCL

To be installed aside 48V Surface Tracks

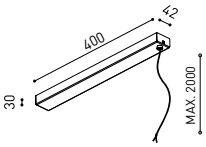
## SURFACE, SUSPENSION , SURFACE SHORT & SUSPENSION SHORT 48V



**Surface Straight Joiner 48V**

A338-00-11

## SUSPENSION & SUSPENSION SHORT 48V

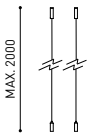



**Wired Power Supply Case 48V**

A338-00-25- | NT | WT | 150 W NO DIM

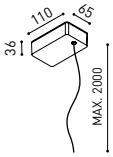
A338-00-26- | NT | WT | 150 W DIM

220 240 V ~ INCL




**Suspension Kit 48V (2 units)**

A338-00-15- | NT | WT |




**Suspension Feed Kit 48V**

A338-00-16- | N | W | NO DIM

A338-00-17- | N | W | DIM

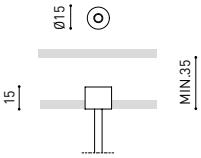
For remote power supply

A338-00-27- | N | W | NO DIM

A338-00-28- | N | W | DIM

For power supply inside the track

## WIRE TRIMLESS ACCESSORIES




**FEED**

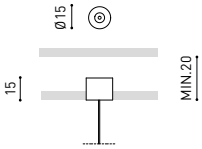
MAINS TRIMLESS* NO DIM

A023-00-01- | W | N |

MAINS THICK TRIMLESS* DIM

A023-00-02- | W | N |

REMOTE INCL Ø20




**FASTENING**

STEEL CABLE TRIMLESS*

A023-00-05- | W | N |

INCL Ø20

MAINS TRIMLESS

MAINS THICK TRIMLESS

STEEL CABLE TRIMLESS



* AS MANY PIECES AS NEEDED ACCORDING TO YOUR PRODUCT

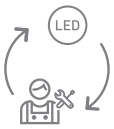
COLOUR | N ■ RAL 9005 | W □ RAL 9016 | NT ■ RAL 9005 | WT □ RAL 9016 |

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE

# ECODESIGN AND ENERGY LABELLING

ARKOSLIGHT®




Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann

Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

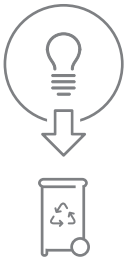
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

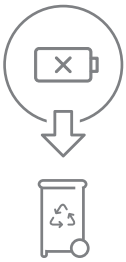
Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES
INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL
INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT
ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI
ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN

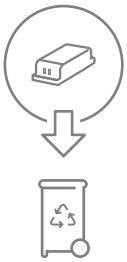
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho
Remove light source(s) for disposal
Retirer la (les) source(s) lumineuse(s) pour l'élimination
Rimuovere la/le sorgente/e di luce per lo smaltimento
Lichtquelle(n) zur Entsorgung entfernen

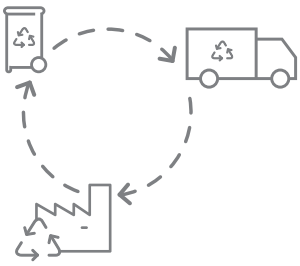


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho
Remove control gear for disposal
Retirer le dispositif de commande pour l'élimination
Rimuovere l'alimentatore per lo smaltimento
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE
Send the materials to a WEEE collection centre
Envoyer les matériaux dans une déchetterie DEEE
Inviare i materiali ad un centro di raccolta RAEE
Die Materialien in einem WEEE-Zentrum entsorgen



Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE