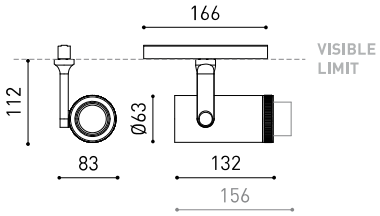
# Plus 48V

ARKOSLIGHT

## DIMENSIONES




## ACCESORIOS

HIGH CHROMATIC LED

TRACK 48V OPTIONS

## PREMIOS

PREMIO ADCV 2019 ORO

FX INTERNATIONAL INTERIOR DESIGN AWARDS SHORTLIST 2019

| | |
|---|---|
| **PRODUCTO** | |
| Nombre | PLUS 48V SHORT DIM DALI 3000K WT |
| Referencia | A3230021WT-S |
| Color | Blanco Texturado |
| RAL | 9016 |
| Categoría | TRACKLIGHTS |
| **FUENTE DE LUZ** | |
| Tipo | LED |
| Flujo Luminoso | 2000 lm |
| Temperatura de color | 3000 K |
| Estabilidad cromática | MacAdam Step 2 |
| Índice de reproducción cromática | CRI>90 |
| Potencia | 18 W |
| Corriente | 500 mA |
| Eficacia | 111 lm/W |
| Horas de Vida del LED | L90B10 >55.000h |
| **LUMINARIA \| DATOS FOTOMÉTRICOS** | |
| Eficiencia Lumínica | 26-40% |
| Ángulo del haz de luz | 12°-51° |
| **LUMINARIA \| DATOS ELÉCTRICOS** | |
| Driver | Incluido |
| Potencia del sistema | 18,95 W |
| Tensión | 48Vdc |
| Regulación | DALI |
| Clase de seguridad eléctrica | III |
| **OTROS DATOS** | |
| Estanqueidad | IP20 |
| Control inalámbrico | Consultar |
| Ángulo de basculación | 180° |
| Ángulo de giro | 360° |
| Tipo de carril | Track 48V |
| Peso | 583 g |
| Peso con embalaje | 705 g |
| Dimensiones embalaje | 225 x 191 x 84 mm |
| Unidades por embalaje | 1 |
| Materiales | Aluminio / Cristal Optico |

CE

Plus 48V es un proyector destinado a aplicación en carril de bajo voltaje que ofrece la capacidad de ampliar o concentrar la apertura del haz de luz con un suave movimiento manual. Esta característica hace a Plus el proyector ideal para aplicaciones donde la precisión del haz de luz es un elemento esencial, tales como museos, exposiciones, retail o aplicaciones de acento.

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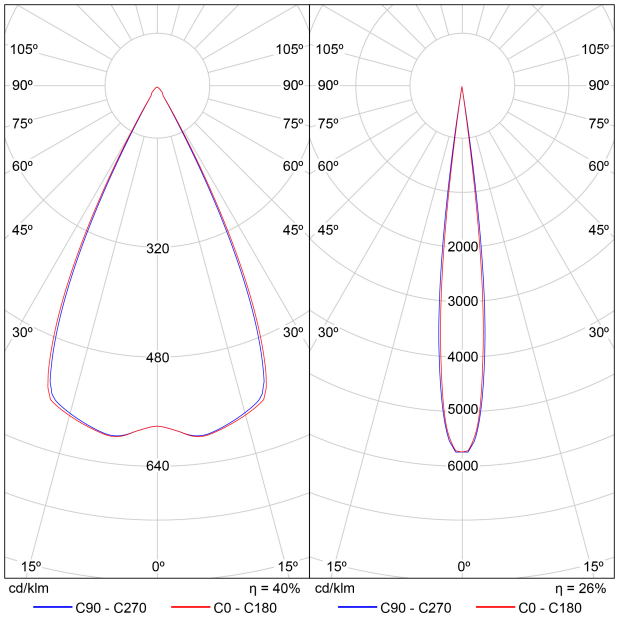
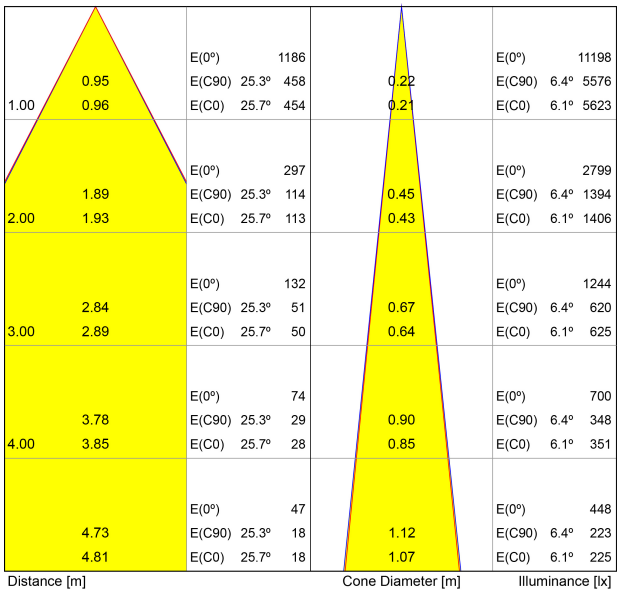
09-10-24 / 20:29

5 Year GUARANTEE*

## DIAGRAMA POLAR




## DIAGRAMA CÓNICO



| Distance [m] | | | | | Cone Diameter [m] | Illuminance [lx] | | |
|---|---|---|---|---|---|---|---|---|
| | | E(0º) | | 1186 | | E(0º) | | 11198 |
| | 0.95 | E(C90) | 25.3º | 458 | 0.22 | E(C90) | 6.4º | 5576 |
| 1.00 | 0.96 | E(C0) | 25.7º | 454 | 0.21 | E(C0) | 6.1º | 5623 |
| | | E(0º) | | 297 | | E(0º) | | 2799 |
| | 1.89 | E(C90) | 25.3º | 114 | 0.45 | E(C90) | 6.4º | 1394 |
| 2.00 | 1.93 | E(C0) | 25.7º | 113 | 0.43 | E(C0) | 6.1º | 1406 |
| | | E(0º) | | 132 | | E(0º) | | 1244 |
| | 2.84 | E(C90) | 25.3º | 51 | 0.67 | E(C90) | 6.4º | 620 |
| 3.00 | 2.89 | E(C0) | 25.7º | 50 | 0.64 | E(C0) | 6.1º | 625 |
| | | E(0º) | | 74 | | E(0º) | | 700 |
| | 3.78 | E(C90) | 25.3º | 29 | 0.90 | E(C90) | 6.4º | 348 |
| 4.00 | 3.85 | E(C0) | 25.7º | 28 | 0.85 | E(C0) | 6.1º | 351 |
| | | E(0º) | | 47 | | E(0º) | | 448 |
| | 4.73 | E(C90) | 25.3º | 18 | 1.12 | E(C90) | 6.4º | 223 |
| | 4.81 | E(C0) | 25.7º | 18 | 1.07 | E(C0) | 6.1º | 225 |

C0 - C180 (Half-value Angle: 51.4º)
C90 - C270 (Half-value Angle: 50.6º)
C0 - C180 (Half-value Angle: 12.2º)
C90 - C270 (Half-value Angle: 12.8º)

# LED DE ALTA CROMATICIDAD

ARKOSLIGHT®

PARA PRESENTACIÓN COMERCIAL DE PRODUCTO

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

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 diodo pertinente y su fósforo de recubrimiento específico.

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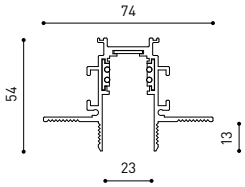


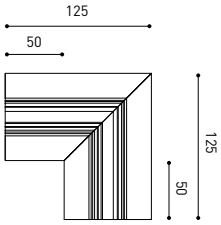

## TRACK 48V TRIMLESS

| | | |
|---|---|---|
| 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.

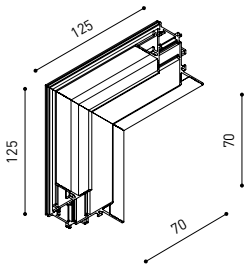
TRIMLESS INSTALLATION GUIDE
https://youtu.be/tgGsQdaYe-w

TRACK 48V TRIMLESS
Corner 90º One Plane

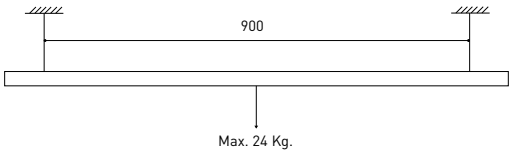


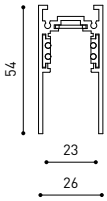

*Electrical connection not included

TRACK 48V TRIMLESS
Corner 90º Two Planes




*Electrical connection not included



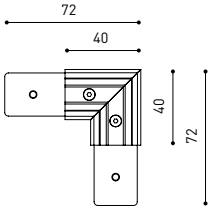



## TRACK 48V SURFACE

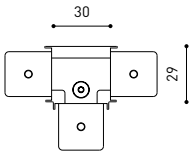
| | | |
|---|---|---|
| TRACK 48V SURFACE 1m | A338-11-00- | NT \| WT \| |
| TRACK 48V SURFACE 2m | A338-12-00- | NT \| WT \| |
| TRACK 48V SURFACE 3m | A338-13-00- | NT \| WT \| |
| TRACK 48V SURFACE Corner 90º One Plane | A338-14-00- | NT \| WT \| |
| TRACK 48V SURFACE T-Joint | A338-15-00- | NT \|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

TRACK 48V SURFACE

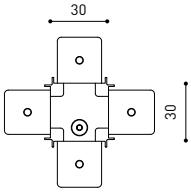
Corner 90º One Plane



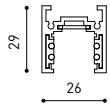

T-Joint




X-Joint




Electrical connection not included | Straight joiner included

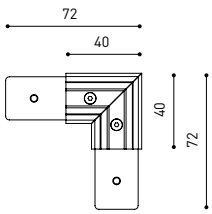



## TRACK 48V SURFACE SHORT

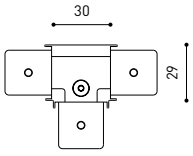
| | | |
|---|---|---|
| TRACK 48V SURFACE SHORT 1m | A338-21-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT 2m | A338-22-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT 3m | A338-23-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT Corner 90º One Plane | A338-24-00- | NT \| WT \| |
| TRACK 48V SURFACE SHORT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

TRACK 48V SURFACE SHORT

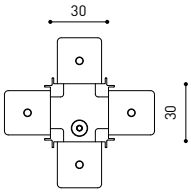
Corner 90º One Plane




T-Joint




X-Joint




Electrical connection not included | Straight joiner included

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

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## 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 |

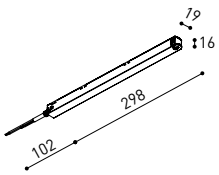
220 240 V~ | *To be installed inside the track.

» 282

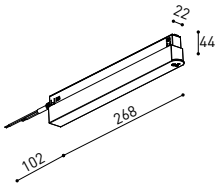
DROP VOLTAGE TABLE

| | | 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 |

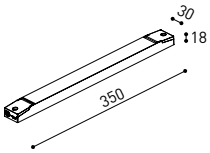
LED POWER SUPPLY
**0434-01-61**



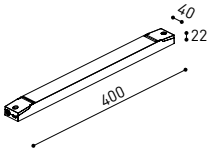

LED POWER SUPPLY
**0434-01-69 ****




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




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




**Not recommended for Track 48V Surface Short

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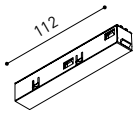
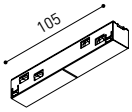
## ALL 48V TRACK



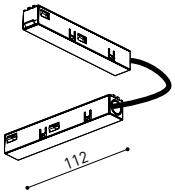

**Live-End Connector 48V**

A338-00-01- | N | W |



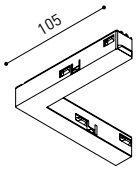

**Central Connector 48V**

A338-00-02- | N | W |




**L-Joint Connector 48V**

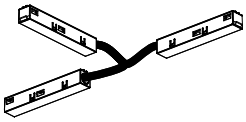
A338-00-12- | N | W |




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

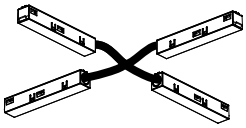
A338-00-24- | N | W |

*Not suitable for trimless version



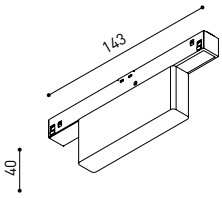
**T-Joint Connector 48V**

A450-00-07- | N |



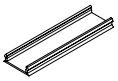
**X-Joint Connector 48V**

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

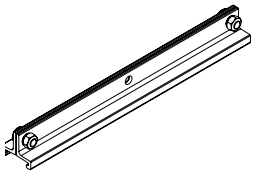
**Trimless T-Bracket 48V**

A338-00-03

**Trimless Clamp for M6 ROD 48V**

A338-00-09

*See accessories quantities



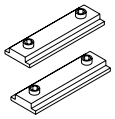
**Trimless Long T-Bracket 48V**

A338-00-04

**Trimless Track Clamp 48V**

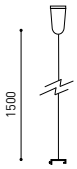
A338-00-10

*See accessories quantities



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

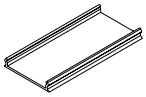
A338-00-05- | N | WT |




**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 |

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## TRIMLESS, SURFACE & SUSPENSION 48V

**End 48V**

A338-00-06- | NT | WT |

**End feed 48V**

A338-00-07- | NT | WT |

## SURFACE & SUSPENSION SHORT 48V

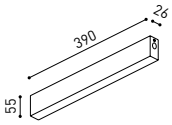
**Short End 48V**

A338-00-18- | NT | WT |

**Short End feed 48V**

A338-00-19- | NT | WT |

## SURFACE & SURFACE SHORT 48V



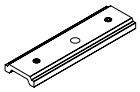

**Power Supply Case 48V**

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

220 240 V ~ INCL

To be installed aside 48V Surface Tracks

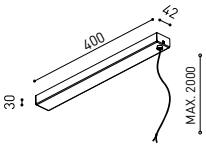
## SURFACE, SUSPENSION , SURFACE SHORT & SUSPENSION SHORT 48V



**Surface Straight Joiner 48V**

A338-00-11

## SUSPENSION & SUSPENSION SHORT 48V

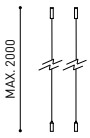



**Wired Power Supply Case 48V**

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

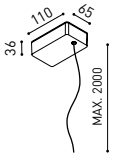
A338-00-26- | NT | WT | 150 W DIM

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

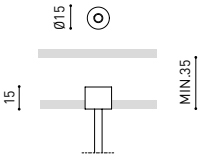
For remote power supply

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

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

For power supply inside the track

## WIRE TRIMLESS ACCESSORIES




**FEED**

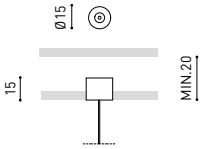
MAINS TRIMLESS* NO DIM

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 |

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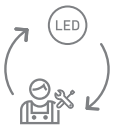
# ECODESIGN AND ENERGY LABELLING

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

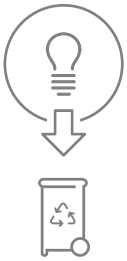
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

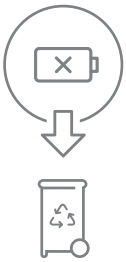
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

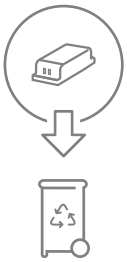
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

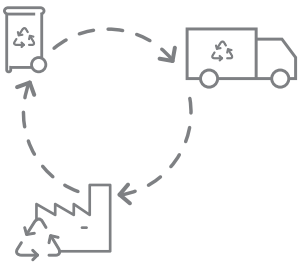


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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