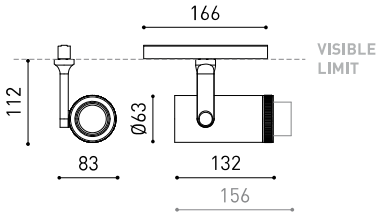
Plus 48V

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 2700K WT
Referencia	A3230010WT-S
Color	Blanco Texturado
RAL	9016
Categoría	TRACKLIGHTS
FUENTE DE LUZ	
Tipo	LED
Flujo Luminoso	1920 lm
Temperatura de color	2700 K
Estabilidad cromática	MacAdam Step 2
Índice de reproducción cromática	CRI>90
Potencia	18 W
Corriente	500 mA
Eficacia	107 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	No Dim
Clase de seguridad eléctrica	
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.

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

09-10-24 / 20:26

5 Year GUARANTEE*

ARKOSLIGHT

DIAGRAMA POLAR

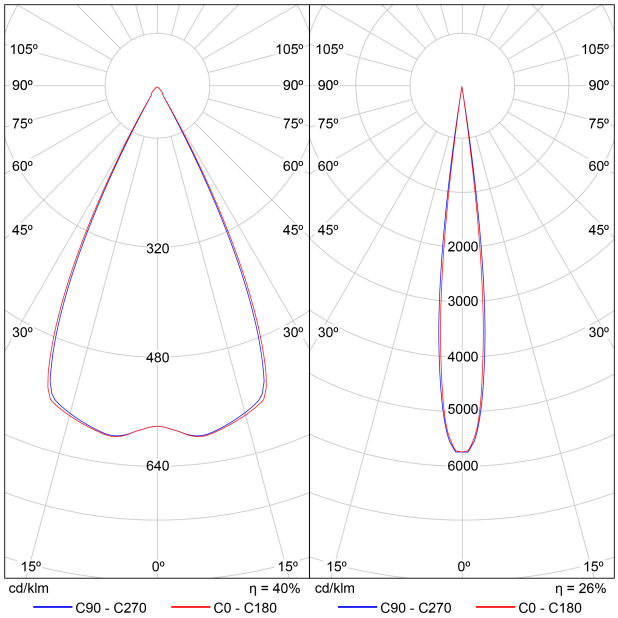
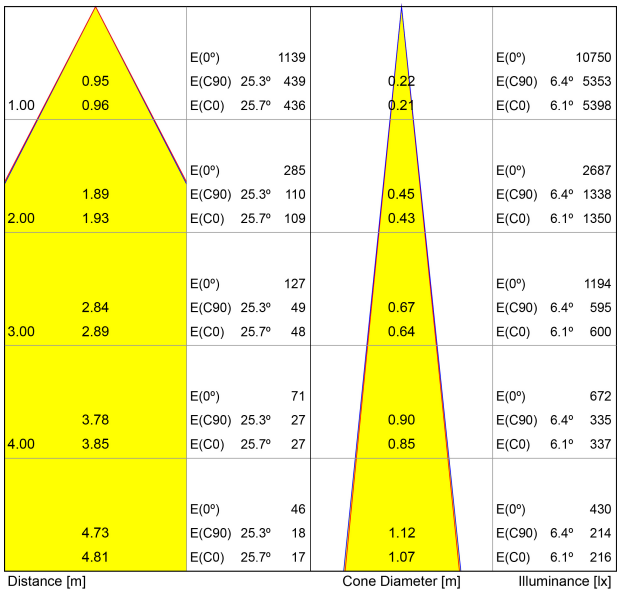


DIAGRAMA CÓNICO



Distance [m]					Cone Diameter [m]	Illuminance [lx]		
		E(0º)		1139		E(0º)		10750
	0.95	E(C90)	25.3º	439	0.22	E(C90)	6.4º	5353
1.00	0.96	E(C0)	25.7º	436	0.21	E(C0)	6.1º	5398
		E(0º)		285		E(0º)		2687
	1.89	E(C90)	25.3º	110	0.45	E(C90)	6.4º	1338
2.00	1.93	E(C0)	25.7º	109	0.43	E(C0)	6.1º	1350
		E(0º)		127		E(0º)		1194
	2.84	E(C90)	25.3º	49	0.67	E(C90)	6.4º	595
3.00	2.89	E(C0)	25.7º	48	0.64	E(C0)	6.1º	600
		E(0º)		71		E(0º)		672
	3.78	E(C90)	25.3º	27	0.90	E(C90)	6.4º	335
4.00	3.85	E(C0)	25.7º	27	0.85	E(C0)	6.1º	337
		E(0º)		46		E(0º)		430
	4.73	E(C90)	25.3º	18	1.12	E(C90)	6.4º	214
	4.81	E(C0)	25.7º	17	1.07	E(C0)	6.1º	216

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)

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*

LED DE ALTA CROMATICIDAD

ARKOSLIGHT®

PARA PRESENTACIÓN COMERCIAL DE PRODUCTO

Vivid Model 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.

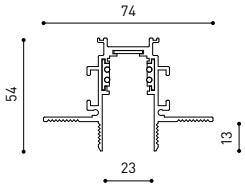
Se trata de un LED de alta cromaticidad que persigue destacar los tonos que favorecen la percepción psicológica positiva del objeto iluminado.

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.

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



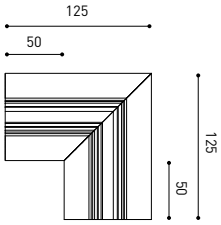
TRACK 48V TRIMLESS

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.

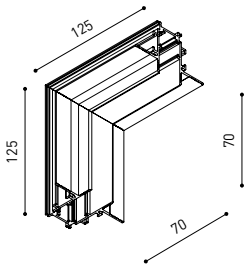
TRIMLESS INSTALLATION GUIDE
https://youtu.be/tgGsQdaYe-w

TRACK 48V TRIMLESS
Corner 90º One Plane

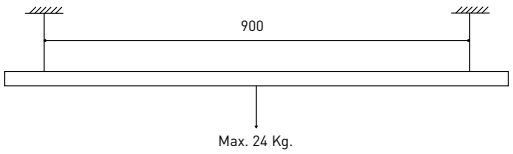


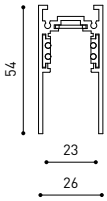
*Electrical connection not included

TRACK 48V TRIMLESS
Corner 90º Two Planes



*Electrical connection not included



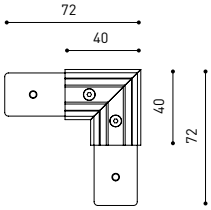


TRACK 48V SURFACE

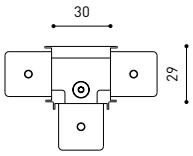
TRACK 48V SURFACE 1m	A338-11-00-	NT | WT |
TRACK 48V SURFACE 2m	A338-12-00-	NT | WT |
TRACK 48V SURFACE 3m	A338-13-00-	NT | WT |
TRACK 48V SURFACE Corner 90º One Plane	A338-14-00-	NT | WT |
TRACK 48V SURFACE T-Joint	A338-15-00-	NT |
TRACK 48V SURFACE X-Joint	A338-16-00-	NT |

TRACK 48V SURFACE

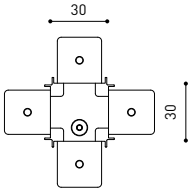
Corner 90º One Plane



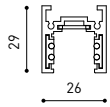
T-Joint



X-Joint



Electrical connection not included | Straight joiner included

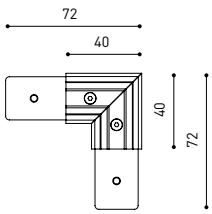


TRACK 48V SURFACE SHORT

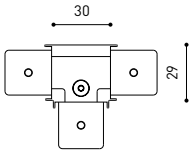
TRACK 48V SURFACE SHORT 1m	A338-21-00-	NT | WT |
TRACK 48V SURFACE SHORT 2m	A338-22-00-	NT | WT |
TRACK 48V SURFACE SHORT 3m	A338-23-00-	NT | WT |
TRACK 48V SURFACE SHORT Corner 90º One Plane	A338-24-00-	NT | WT |
TRACK 48V SURFACE SHORT T-Joint	A338-25-00-	NT |
TRACK 48V SURFACE SHORT X-Joint	A338-26-00-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

TRACK 48V SURFACE SHORT

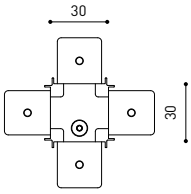
Corner 90º One Plane



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

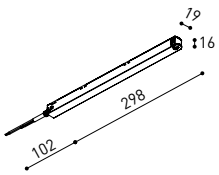
220 240 V~ | *To be installed inside the track.

» 282

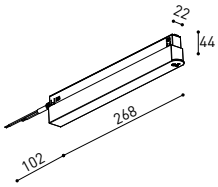
DROP VOLTAGE TABLE

		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

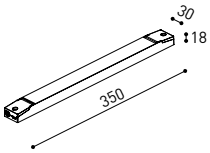
LED POWER SUPPLY
0434-01-61



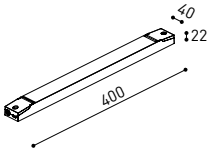
LED POWER SUPPLY
0434-01-69 **



LED POWER SUPPLY
0434-01-62



LED POWER SUPPLY
0434-01-80

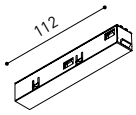


**Not recommended for Track 48V Surface Short

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

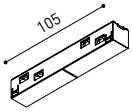
5 Year GUARANTEE

ALL 48V TRACK



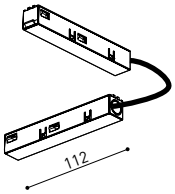
Live-End Connector 48V

A338-00-01- | N | W |



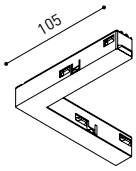
Central Connector 48V

A338-00-02- | N | W |



L-Joint Connector 48V

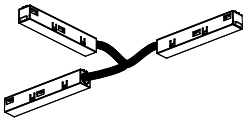
A338-00-12- | N | W |



Corner 90º Connector One Plane 48V

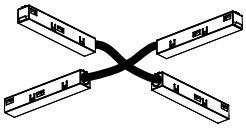
A338-00-24- | N | W |

*Not suitable for trimless version



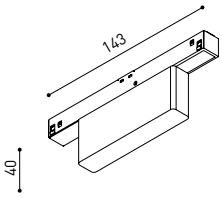
T-Joint Connector 48V

A450-00-07- | N |



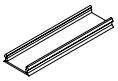
X-Joint Connector 48V

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

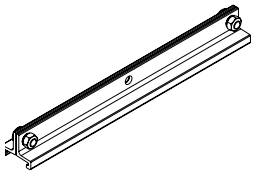
Trimless T-Bracket 48V

A338-00-03

Trimless Clamp for M6 ROD 48V

A338-00-09

*See accessories quantities



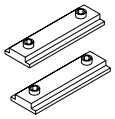
Trimless Long T-Bracket 48V

A338-00-04

Trimless Track Clamp 48V

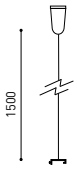
A338-00-10

*See accessories quantities



Trimless Straight Joiner 48V (2 Units)

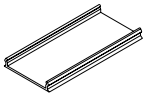
A338-00-05- | N | WT |



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

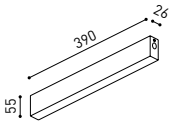
Short End 48V

A338-00-18- | NT | WT |

Short End feed 48V

A338-00-19- | NT | WT |

SURFACE & SURFACE SHORT 48V



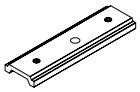
Power Supply Case 48V

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

220 240 V ~ INCL

To be installed aside 48V Surface Tracks

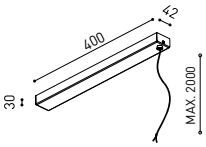
SURFACE, SUSPENSION , SURFACE SHORT & SUSPENSION SHORT 48V



Surface Straight Joiner 48V

A338-00-11

SUSPENSION & SUSPENSION SHORT 48V

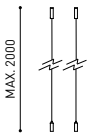


Wired Power Supply Case 48V

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

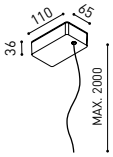
A338-00-26- | NT | WT | 150 W DIM

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

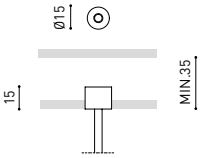
For remote power supply

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

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

For power supply inside the track

WIRE TRIMLESS ACCESSORIES



FEED

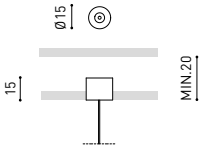
MAINS TRIMLESS* NO DIM

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

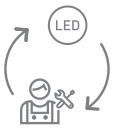
COLOUR | N ■ RAL 9005 | W □ RAL 9016 | NT ■ RAL 9005 | WT □ RAL 9016 |

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

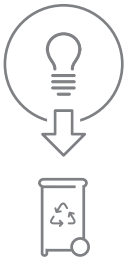
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

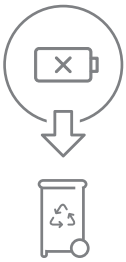
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

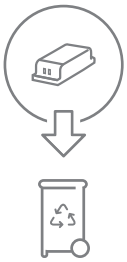
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

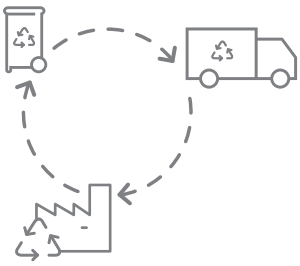


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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