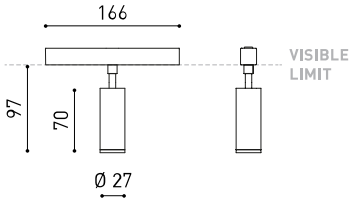
Fit 48V

ARKOSLIGHT

Dimensions



Accessories

ANTI-GLARE HONEYCOMB LOUVER

TRACK 48V OPTIONS

	PRODUCT
Name	FIT 27 48V SHORT MEDIUM DIM CASAMBI 3500K WT
Reference	A5480623WT-S
Colour	Textured white
RAL	9016
Category	TRACK LIGHTS

	LIGHT SOURCE
Type	LED
Gross luminous flux	560 lm
Colour temperature	3500 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	500 mA
Efficacy	102 lm/W
LED lifespan	L90B10 >108.000h
Energy efficiency class	F

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	82%
Light beam angle	31°

	LIGHTING FIXTURE | ELECTRICAL DATA
Power values of the system	6,28 W
Dimming	CASAMBI
Electrical insulation class	

	OTHER DATA
Sealing	IP20
Wireless control	Please Consult
Swivel angle	90°
Rotation angle	360°
Track type	Track 48V
Weight	100 g
Packaged weight	180 g
Packaging dimensions	188 x 165 x 53 mm
Units per package	1
Materials	Aluminium / Polycarbonate

CE

Fit 48V is a spotlight for low voltage tracklight applications, available in different models (50, 35, 35 Double, 27, 27 Double, 20 and 20 Double). With its cylindrical geometry and essential forms, it stands out for its minimalistic design and functionality, as it can be oriented in any direction. The black perimeter around its mouth and its honeycomb accessory highlight its anti-glare vocation.

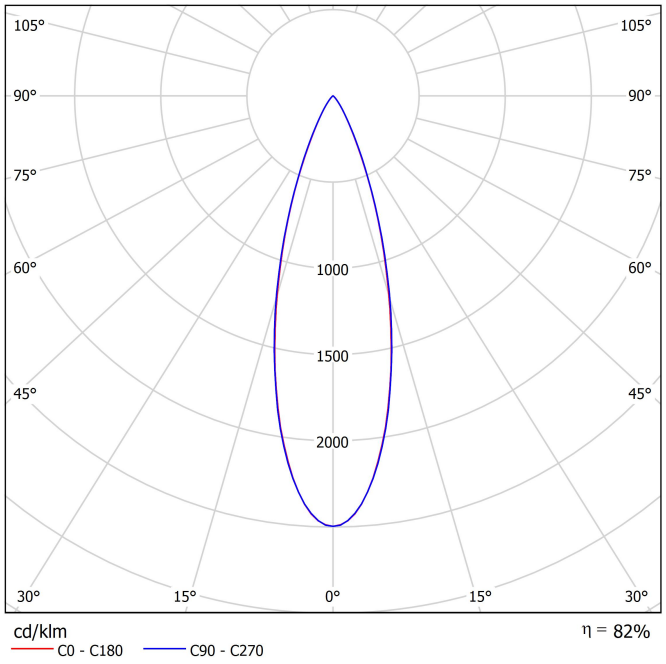
Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE*

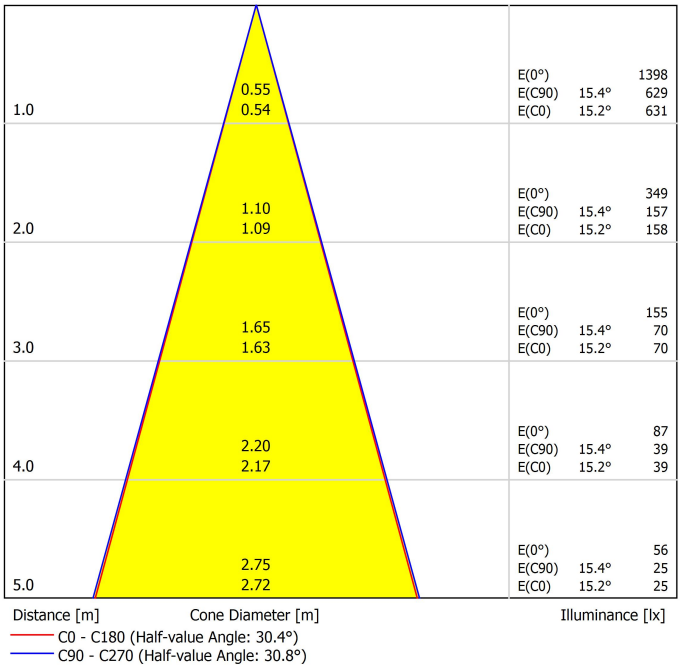
Lighting technical data

ARKOSLIGHT

Polar diagram



Conical diagram



Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE*

Anti-glare Honeycomb Louver

ARKOSLIGHT

	PRODUCT
Model	Anti-glare Honeycomb Louver
Reference	A3990000
Category	Accessories

NOT SOLD SEPARATELY.

Anti-glare Honeycomb Louver

Accessory featuring a honeycomb structure designed to control the light beam, reduce glare, and prevent direct exposure to the light source.

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5Year GUARANTEE

Track 48V Surface Short

ARKOSLIGHT

48V track lighting systems are low-voltage lighting solutions based on electrified tracks. The track serves both as a physical structure and as a power carrier, allowing light modules to be placed and repositioned as needed, offering flexibility, safety, and energy efficiency. Ideal for projects that demand minimalist design, high performance, and adaptability.

To configure your 48V system, you'll need to combine the following components:

1. Tracks – Available in surface, trimless, surface short, suspended (using suspension accessories with the surface track), and indirect light versions. They form the structural and electrical base of the system.

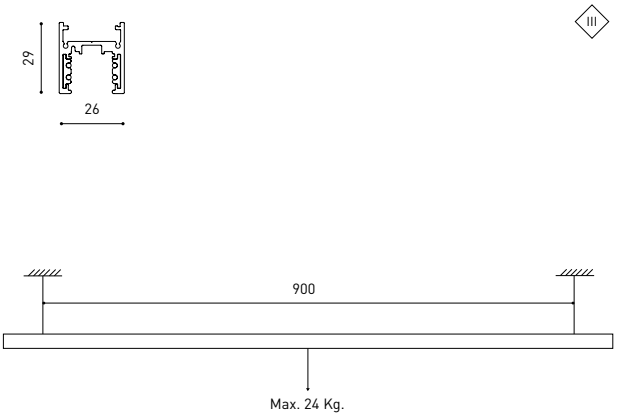
2. Connectors & Power Supply – Ensure electrical continuity between track sections and provide the 48V power input.

3. Accessories – Including end caps, joiners, mounting elements, and optional installation accessories to complete and secure the setup.

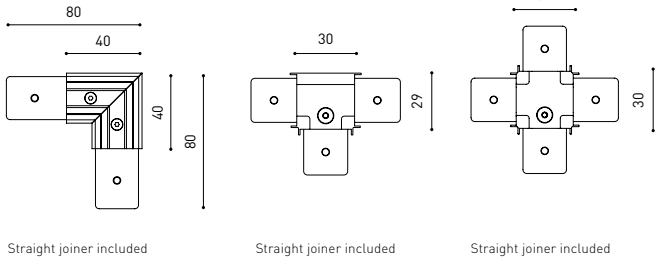
Track Options

Choose the track version required for your project configuration.

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 |

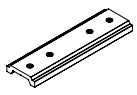


Complementary track accessories

Use end caps, joiners, and gap covers to connect, close, and cleanly finish your track setup.

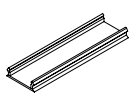
Short End 48V
A338-00-18- | NT | WT |

Surface Straight Joiner 48V
A338-00-11



Short End Feed 48V
A338-00-19- | NT | WT |

Cover Gap 1m 48V
A338-00-30- | N | W |



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

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

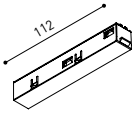
5 Year GUARANTEE

Connector options

Connectors are required to provide electrical continuity between tracks, ensuring an uninterrupted 48V flow.

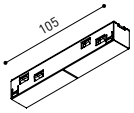
Live-End Connector 48V

A338-00-01- | N |



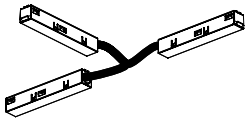
Central Connector 48V

A338-00-02- | N |



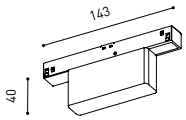
T-Joint Connector 48V

A450-00-07- | N |



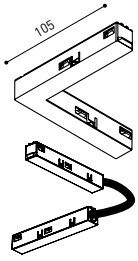
Wireless Control 48V

0434-01-31- | N | W | Casambi



Corner 90º Connector One Plane 48V

A338-00-24- | N | W |

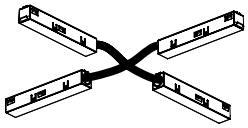


L-Joint Connector 48V

A338-00-12- | N |

X-Joint Connector 48V

A450-00-08- | N |



Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5Year GUARANTEE

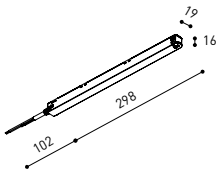
Power Supply Options

Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

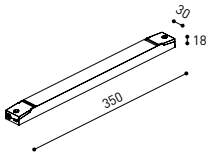
For all tracks

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
0434-01-62	150W	48V	350 x 30 x 18mm
0434-01-80	250W	48V	400 x 40 x 22mm

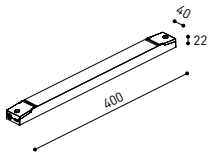
220 240 V~ | *To be installed inside the track.



0434-01-61*



0434-01-62



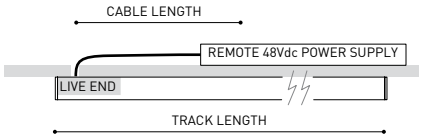
0434-01-80

DROP VOLTAGE TABLE

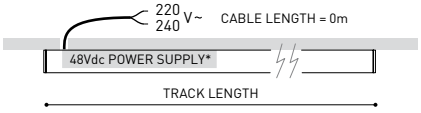
		CABLE LENGTH (m)			
		5	10	20	30
POWER (W)	**CABLE SECTION** (mm^2)	**TRACK LENGTH** (m)			
100	0,75	50	50	X	X
	1,5	50	50	40	25
150	0,75	40	15	X	X
	1,5	50	40	20	X
250	0,75	20	X	X	X
	1,5	35	20	X	X

Connection diagrams:

Surface

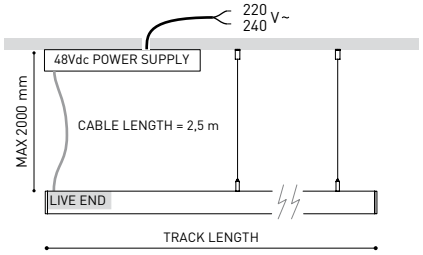


Remote driver installation

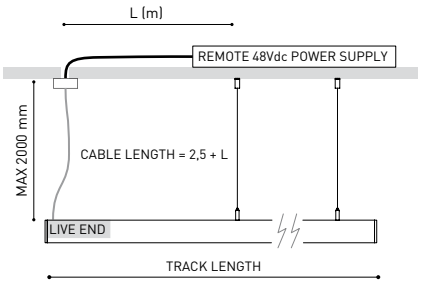


Integrated driver installation

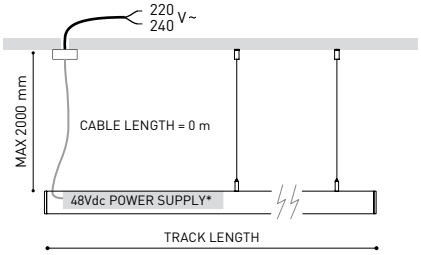
Suspension



Aside box



Remote driver installation



Integrated driver installation

COLOUR | **N** ■ RAL 9005 |

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

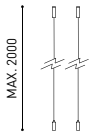
5 Year GUARANTEE

Other accessories

Suspension components

For a suspended configuration, use surface components together with the following accessories:

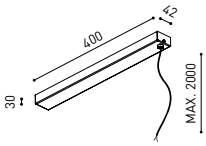
SURFACE Suspension Kit (2 units) 48V
A338-00-15- | NT | WT |



For suspension aside box installation replace the power supply:

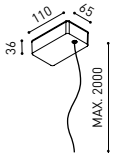
Wired Power Supply Case 48V				
A338-00-25- | NT | WT |	150W	NO DIM
A338-00-26- | NT | WT |	150W	DIM

220 240 V~ INCL



Required for remote or integrated driver installation:

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

For installing the suspension system cleanly and discreetly — with no visible ceiling boxes or mounting elements.

FEED

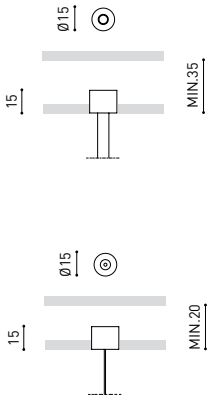
Mains Trimless*	
A023-00-01- | W | N |	NO DIM
Mains Thick Trimless*	
A023-00-02- | W | N |	DIM

REMOTE INCL Ø20

FASTENING

Steel Cable Trimless*
A023-00-05- | W | N |

INCL Ø20



* As many pieces as needed according to your product

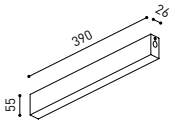
Alternative surface installation

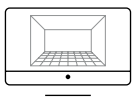
For aside box installation replace the power supply:

Power Supply Case 48V		
A338-00-29- | NT | WT |	150W	

220 240 V~ INCL

*To be installed aside 48V Surface Tracks





PRODUCT CONFIGURATOR

Use our online configurator to design your own custom product layout. The tool will guide you through the process and automatically calculate the required drivers and accessories.

Start your configuration →

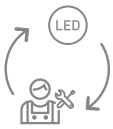
COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 | W □ RAL 9016 |

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
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

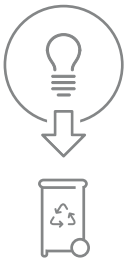
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

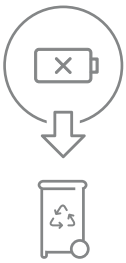
Auswechselbares Betriebsgerät durch autorisierten Fachmann

Instrucciones para el final de vida y la eliminación de 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:

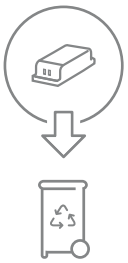
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

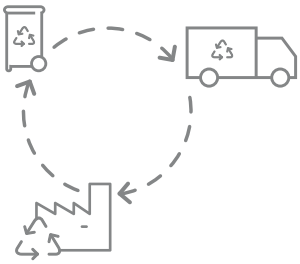


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com