



## Dimensiones



## Accesorios



HIGH CHROMATIC LED



TRACK 48V OPTIONS

Nombre	WIZ 48V SHORT 2700K WTW
Referencia	A4650110WTW-S
Color	Blanco Texturado - Carril Blanco
RAL	9016
Categoría	TRACK LIGHTS

Tipo	LED
Flujo luminoso	1470 lm
Temperatura de color	2700 K
Estabilidad cromática	MacAdam Step 2
Índice de reproducción cromática	CRI > 90
Potencia	12,4 W
Corriente	350 mA
Eficacia	119 lm/W
Horas de vida del LED	L90B10 > 55.000h
Eficiencia energética	E

Eficiencia lumínica	86%
Ángulo del haz de luz	38°

Potencia del sistema	13,23 W
Tensión	48Vdc
Regulación	No Dim - Otros DIM, consultar
Clase de seguridad eléctrica	⚡

Estanqueidad	IP20
Control inalámbrico	Consultar
Tipo de carril	Track 48V
Peso	150 g
Peso con embalaje	270 g
Dimensiones embalaje	206 x 150 x 105 mm
Unidades por embalaje	1
Materiales	Aluminio / Acrilonitrilo Butadieno Estireno / Policarbonato

## PRODUCTO

## FUENTE DE LUZ

## LUMINARIA | DATOS FOTOMÉTRICOS

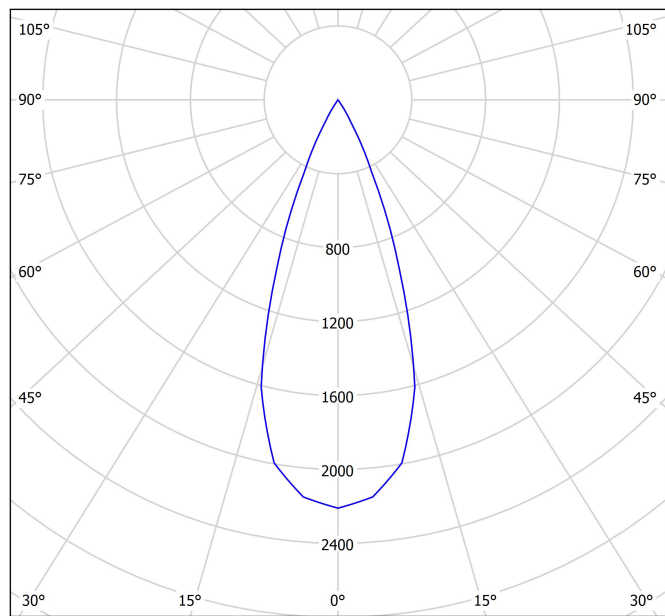
## LUMINARIA | DATOS ELÉCTRICOS

## OTROS DATOS



El downlight Wiz 48V incorpora el efecto «The Invisible Black» al sistema Track. Su ideación parte de la geometría cónica para ser efectivo en su función y armonioso en su apariencia acrobata.

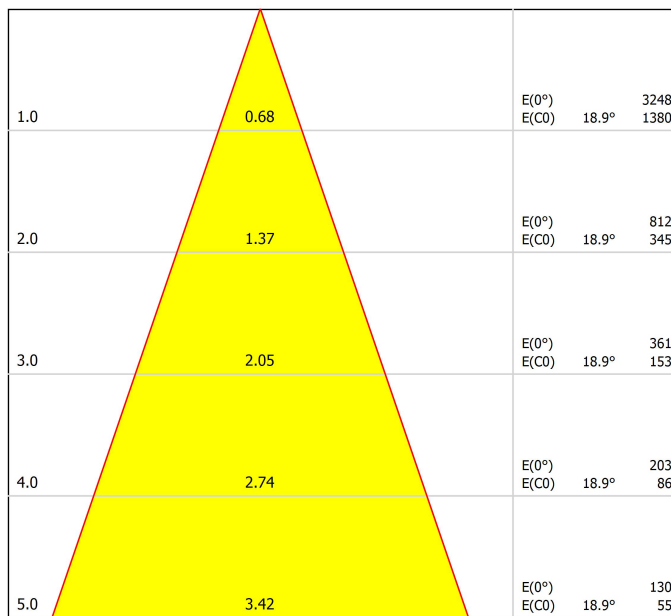
## Diagrama polar



cd/klm  
 — C0 - C180 — C90 - C270

η = 86%

## Diagrama cónico



Distance [m] Cone Diameter [m]  
 — C0 - C180 (Half-value Angle: 37.8°)

Illuminance [lx]

## UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p Floor		20	20	20	20	20	20	20	20	20	20	
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	-18.7	-18.1	-18.5	-17.9	-17.7	-18.7	-18.1	-18.5	-17.9	-17.7	
	3H	-15.1	-14.5	-14.8	-14.3	-14.1	-15.1	-14.5	-14.8	-14.3	-14.1	
	4H	-12.8	-12.3	-12.5	-12.1	-11.8	-12.8	-12.3	-12.5	-12.1	-11.8	
	6H	-11.1	-10.6	-10.8	-10.3	-10.0	-11.1	-10.6	-10.8	-10.3	-10.0	
	8H	-10.0	-9.5	-9.7	-9.2	-8.9	-10.0	-9.5	-9.7	-9.2	-8.9	
4H	2H	-17.9	-17.4	-17.6	-17.1	-16.8	-17.9	-17.4	-17.6	-17.1	-16.8	
	3H	-13.7	-13.3	-13.4	-13.0	-12.6	-13.7	-13.3	-13.4	-13.0	-12.6	
	4H	-11.3	-10.9	-10.9	-10.6	-10.2	-11.3	-10.9	-10.9	-10.6	-10.2	
	6H	-9.5	-9.1	-9.1	-8.8	-8.4	-9.5	-9.1	-9.1	-8.8	-8.4	
	8H	-8.2	-8.0	-7.8	-7.6	-7.2	-8.2	-8.0	-7.8	-7.6	-7.2	
8H	2H	-6.5	-6.2	-6.0	-5.8	-5.4	-6.5	-6.2	-6.0	-5.8	-5.4	
	4H	-10.5	-10.2	-10.1	-9.8	-9.4	-10.5	-10.2	-10.1	-9.8	-9.4	
	6H	-8.4	-8.2	-8.0	-7.8	-7.4	-8.4	-8.2	-8.0	-7.8	-7.4	
	8H	-7.0	-6.8	-6.5	-6.4	-5.9	-7.0	-6.8	-6.5	-6.4	-5.9	
	12H	-4.9	-4.8	-4.5	-4.3	-3.9	-4.9	-4.8	-4.5	-4.3	-3.9	
12H	4H	-10.3	-10.1	-9.9	-9.7	-9.3	-10.3	-10.1	-9.9	-9.7	-9.3	
	6H	-8.1	-7.9	-7.6	-7.5	-7.0	-8.1	-7.9	-7.6	-7.5	-7.0	
	8H	-6.5	-6.4	-6.0	-5.9	-5.4	-6.5	-6.4	-6.0	-5.9	-5.4	
	8H	-6.5	-6.4	-6.0	-5.9	-5.4	-6.5	-6.4	-6.0	-5.9	-5.4	
Variation of the observer position for the luminare distances S												
S = 1.0H		+6.9 / -10.4					+6.9 / -10.4					
S = 1.5H		+9.8 / -11.0					+9.8 / -11.0					
S = 2.0H		+11.8 / -11.6					+11.8 / -11.6					
Standard table		BK00					BK00					
Correction Summand		-14.5					-14.5					
Corrected Glare Indices referring to 1470lm Total Luminous Flux												

Vivid Model Colour Temperature	2700K	3000K	3500K	4000K	Light Pink
 Reading			•	•	
 Fruits & Vegetables		•	•		
 Bakery	•				
 Retail		•	•		
 Cosmetics			•	•	
 Meat					•
 Fish				•	
 Seafood				•	•

## LED de alta cromaticidad

### Para presentación comercial de producto.

Arkosligh ofrece en algunos de sus productos la posibilidad de incorporar un LED especial, orientado a potenciar la promoción visual de bienes y productos con fines comerciales.

Se trata de un LED de alta cromaticidad, seleccionado para realzar los tonos que favorecen una percepción psicológica positiva del objeto iluminado.

Esta fuente de luz proporciona una paleta cromática más atractiva e intensa que la de un LED convencional. Esto se logra mediante una configuración específica del LED bajo un "parámetro especial de saturación", que permite que los colores y texturas de los objetos se perciban de forma más viva dentro del espectro visible.

Para ello, se eligen cuidadosamente el diodo y su fósforo de recubrimiento en función de cada aplicación.

# 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 90° 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 |

## 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 90° 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 |



## 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 V~ / 240 V~ | \*To be installed inside the track.



#### DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm <sup>2</sup> )	CABLE LENGTH (m)			
		5	10	20	30
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 |

## 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\*

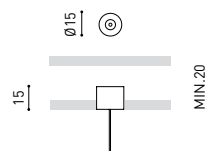
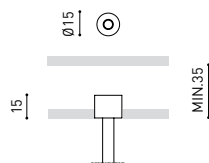
A023-00-02- | W | N | DIM



#### FASTENING

##### Steel Cable Trimless\*

A023-00-05- | W | N |



\* As many pieces as needed according to your product

### Alternative surface installation

For aside box installation replace the power supply:

#### Power Supply Case 48V

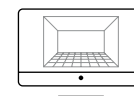
A338-00-29- | NT | WT | 150W

220  
240 V~ INCL

\*To be installed aside 48V Surface Tracks



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



#### 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 ->](#)



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

