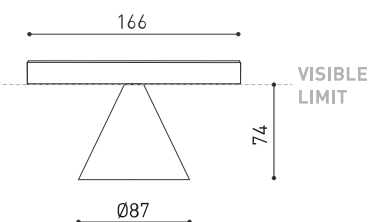




GRÖßE



Zubehör



HIGH CHROMATIC LED



TRACK 48V OPTIONS

PRODUKT

Name	WIZ 48V SHORT DIM DALI 2700K NT
Artikelnummer	A4650210NT-S
Farbe	Schwarz strukturiert
RAL	9005
Kategorie	TRACK LIGHTS

LICHTQUELLE

Typ	LED
Bruttolichtstrom	1470 lm
Farbtemperatur	2700 K
Farbstabilität	MacAdam Step 2
Farbwiedergabeindex	CRI>90
Leistung	12,4 W
Stromstärke	350 mA
Lichtausbeute	119 lm/W
Nutzlebensdauer der LED in Betriebsstunden	L90B10 >55.000h
Energieeffizienzklasse	E

LEUCHTE | PHOTOMETRISCHE DATEN

Leuchtenwirkungsgrad (LOR)	86%
Abstrahlwinkel	38°

LEUCHTE | ELEKTRISCHE DATEN

Leistungswerte des Systems	13,52 W
Spannung	48Vdc
Helligkeitssteuerung	DALI - Andere DIM, Bitte anfragen
Schutzklasse	II

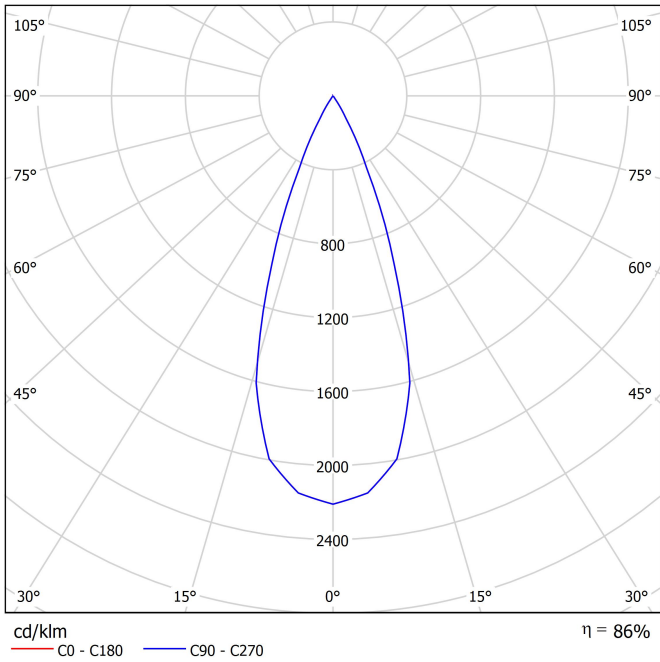
ANDERE DATEN

Dichtigkeit	IP20
Wireless control	Bitte anfragen
Schiementyp	Track 48V
Gewicht	150 g
Gewicht inkl. Verpackung	270 g
Abmessungen der Verpackung	206 x 150 x 105 mm
Stück pro Verpackung	1
Materialien	Aluminium / Acrylnitril-Butadien-Styrol / Polycarbonat

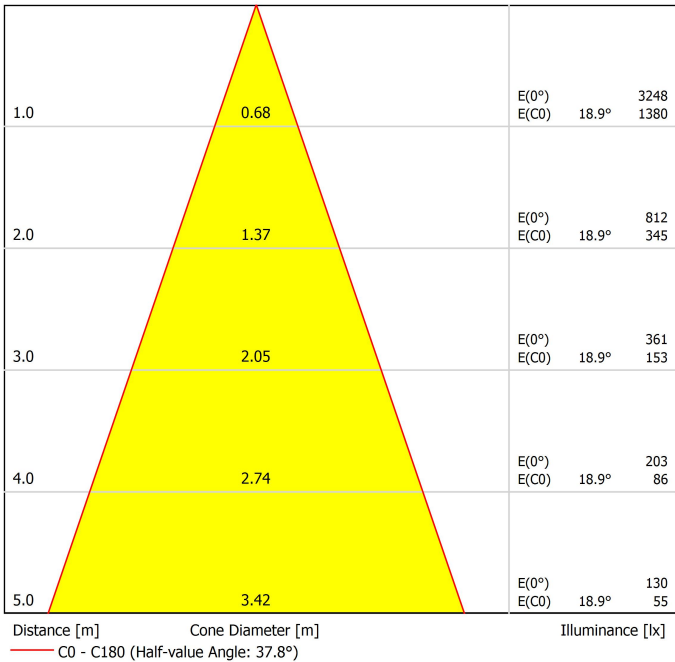


Das Wiz 48V-Downlight integriert den Effekt „The Invisible Black“ in das Track-system. Seine Konzeption basiert auf einer konischen Geometrie, um effektiv in seiner Funktion zu sein und seinem akrobatischen Aussehen Harmonie zu verleihen.

POLAR-KOORDINATEN DIAGRAMM



KEGELDIAGRAMM



UGR

Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	70
p Ceiling		70	70	50	50	30	70	70	50	50	30	70
p Walls		50	30	50	30	30	50	30	50	30	30	50
p Floor		20	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	
	12H	-8.4	-7.9	-8.0	-7.6	-7.3	-8.4	-7.9	-8.0	-7.6	-7.3	
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	
	12H	-6.5	-6.2	-6.0	-5.8	-5.4	-6.5	-6.2	-6.0	-5.8	-5.4	
8H	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	
Variation of the observer position for the luminaire 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				•	•

High Chromatic LED

Für die Produktpräsentation.

Einige der Produkte von Arkoslight können mit einer Spezial-LED für die visuelle Bewerbung von Waren und Produkten zur Verkaufsförderung ausgerüstet werden.

Dabei handelt es sich um eine hochchromatische LED, um Farbtöne hervorzuheben, die positive psychologische Wahrnehmung des beleuchteten Objekts begünstigen.

Diese spezielle LED-Lichtquelle bietet eine ansprechendere und intensivere Farbpalette als eine herkömmliche LED. Dies wird durch die Konfiguration der LED nach einem "speziellen Sättigungsparameter" erreicht, der Farben und Textur der Objekte innerhalb des sichtbaren Spektralbereichs attraktiver erscheinen lässt.

Dafür wird die jeweils zweckdienliche Diode und spezifische Phosphorbeschichtung gewählt.

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



Corner 90° One Plane



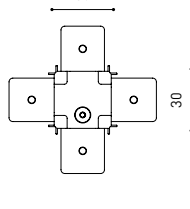
Straight joiner included

T-Joint



Straight joiner included

X-Joint



Straight joiner included

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 (mm²)	CABLE LENGTH (m)			
		5	10	20	30
		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



Suspension



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



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 →](#)

FASTENING

Steel Cable Trimless*

A023-00-05- | W | N |



* As many pieces as needed according to your product

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



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

