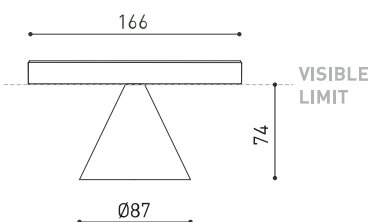




Dimensions



Accessoires



HIGH CHROMATIC LED



TRACK 48V OPTIONS

PRODUIT

Nom	WIZ 48V SHORT DIM DALI 3000K NTW
Référence	A4650211NTW-S
Coleur	Noir Texturé - Rail Blanc
RAL	9005
Catégorie	TRACK LIGHTS

SOURCE DE LUMIÈRE

Type	LED
Flux lumineux brut	1530 lm
Température de couleur	3000 K
Stabilité chromatique	MacAdam Step 2
Indice de reproduction chromatique	CRI>90
Puissance	12,4 W
Efficacité	123 lm/W
Durée de vie de la LED	L90B10 >55.000h

LUMINAIRE | DONNÉES PHOTOMÉTRIQUES

Efficacité lumineuse	86%
Angle du faisceau lumineux	38°

LUMINAIRE | DONNÉES ÉLECTRIQUES

Valeurs de puissance du système	13,52 W
Tension	48Vdc
Variation d'intensité	DALI - Autres DIM, veuillez consulter
Classe d'isolation électrique	II

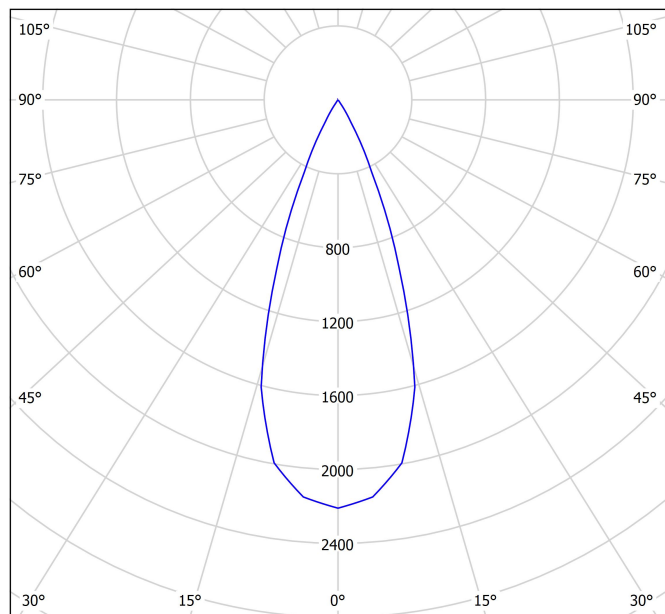
D'AUTRES DONNÉES

Étanchéité	IP20
Classe d'efficacité énergétique	E
Contrôle sans fil	Veuillez consulter
Type de rail	Track 48V
Poids	150 g
Poids avec emballage	270 g
Dimensions de l'emballage	206 x 150 x 105 mm
Unités par emballage	1
Matériaux	Aluminium / Acrylonitrile Butadiène Styrène / Polycarbonate



Le downlight Wiz 48V intègre l'effet « The Invisible Black » dans le système Track. Sa conception trouve son origine dans la géométrie conique pour être efficace dans sa fonction et harmonieux dans son aspect acrobatique.

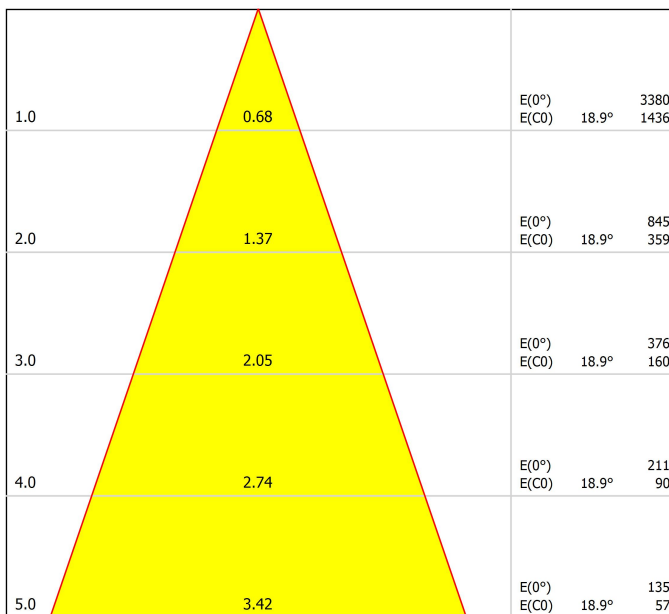
Diagramme polaire



cd/klm
— C0 - C180 — C90 - C270

$\eta = 86\%$

Diagramme conique



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

UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	30
p Walls		50	30	50	30	30	50	30	50	30	30	30
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	-18.6	-18.0	-18.4	-17.8	-17.6	-18.6	-18.0	-18.4	-17.8	-17.6	-17.6
	3H	-15.0	-14.4	-14.7	-14.2	-13.9	-15.0	-14.4	-14.7	-14.2	-13.9	-13.9
	4H	-12.7	-12.2	-12.4	-11.9	-11.7	-12.7	-12.2	-12.4	-11.9	-11.7	-11.7
	6H	-11.0	-10.5	-10.6	-10.2	-9.9	-11.0	-10.5	-10.6	-10.2	-9.9	-9.9
	8H	-9.8	-9.4	-9.5	-9.1	-8.8	-9.8	-9.4	-9.5	-9.1	-8.8	-8.8
	12H	-8.2	-7.8	-7.9	-7.5	-7.2	-8.2	-7.8	-7.9	-7.5	-7.2	-7.2
4H	2H	-17.8	-17.2	-17.5	-17.0	-16.7	-17.8	-17.2	-17.5	-17.0	-16.7	-16.7
	3H	-13.6	-13.1	-13.1	-12.8	-12.5	-13.6	-13.1	-13.2	-12.8	-12.5	-12.5
	4H	-11.2	-10.8	-10.8	-10.4	-10.1	-11.2	-10.8	-10.8	-10.4	-10.1	-10.1
	6H	-9.3	-9.0	-8.9	-8.6	-8.3	-9.3	-9.0	-8.9	-8.6	-8.3	-8.3
	8H	-8.1	-7.8	-7.7	-7.4	-7.0	-8.1	-7.8	-7.7	-7.4	-7.0	-7.0
	12H	-6.3	-6.1	-5.9	-5.7	-5.3	-6.3	-6.1	-5.9	-5.7	-5.3	-5.3
8H	4H	-10.4	-10.1	-9.9	-9.7	-9.3	-10.4	-10.1	-9.9	-9.7	-9.3	-9.3
	6H	-8.3	-8.1	-7.9	-7.7	-7.2	-8.3	-8.1	-7.9	-7.7	-7.2	-7.2
	8H	-6.8	-6.7	-6.4	-6.2	-5.8	-6.8	-6.7	-6.4	-6.2	-5.8	-5.8
	12H	-4.8	-4.7	-4.3	-4.2	-3.7	-4.8	-4.7	-4.3	-4.2	-3.7	-3.7
12H	4H	-10.2	-9.9	-9.8	-9.6	-9.1	-10.2	-9.9	-9.8	-9.6	-9.1	-9.1
	6H	-8.0	-7.8	-7.5	-7.4	-6.9	-8.0	-7.8	-7.5	-7.4	-6.9	-6.9
	8H	-6.3	-6.2	-5.9	-5.7	-5.3	-6.3	-6.2	-5.9	-5.7	-5.3	-5.3
Variation of the observer position for the luminaires 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 1530lm 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

Pour présentation commerciale du produit.

Arkoslight vous offre sur certains de ses produits la possibilité de les équiper d'un LED spécial, qui a été conçu pour une illumination orientée à la promotion visuelle de biens ou produits à des fins commerciales.

Il s'agit d'un LED de haute chromaticité permettant de mettre en évidence les tons qui favorisent une perception psychologique positive de l'objet illuminé.

Cette source de lumière LED spéciale vous offre une palette de couleurs plus attractive et intense, et plus vaste que celle d'un LED conventionnel. Ceci est possible grâce à la configuration du LED qui inclue un "paramètre spécial de saturation", lequel réussit à ce que les couleurs et la texture des objets apparaissent de manière plus attractive dans le spectre de lumière visible. Pour ce faire, le diode correspondant est sélectionné en fonction de chaque cas, et il en est de même pour son revêtement spécifique en phosphore.

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.

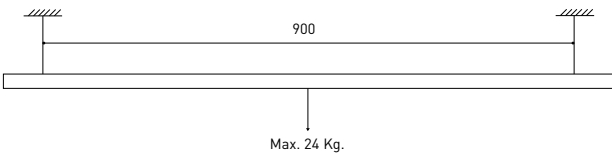
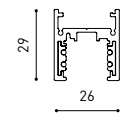


Track Options

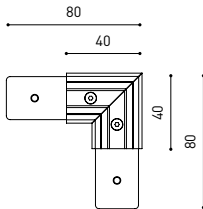
Choose the track version required for your project configuration.

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

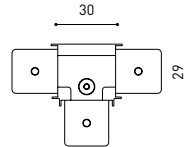


Corner 90° One Plane



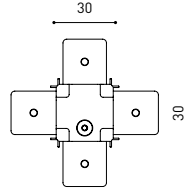
Straight joiner included

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 |



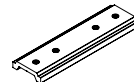
Short End Feed 48V

A338-00-19- | NT | WT |



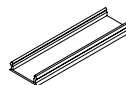
Surface Straight Joiner 48V

A338-00-11



Cover Gap 1m 48V

A338-00-30- | N | W |

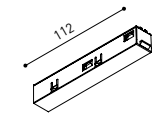


COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

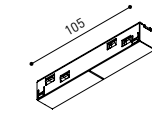
Connector options

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

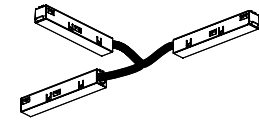
Live-End Connector 48V
A338-00-01- | N |



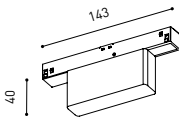
Central Connector 48V
A338-00-02- | N |



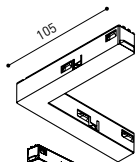
T-Joint Connector 48V
A450-00-07- | N |



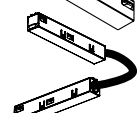
Wireless Control 48V
0434-01-31- | N | W | Casambi



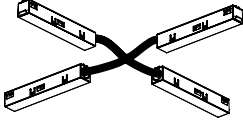
Corner 90° Connector One Plane 48V
A338-00-24- | N | W |



L-Joint Connector 48V
A338-00-12- | N |



X-Joint Connector 48V
A450-00-08- | N |



Power Supply Options

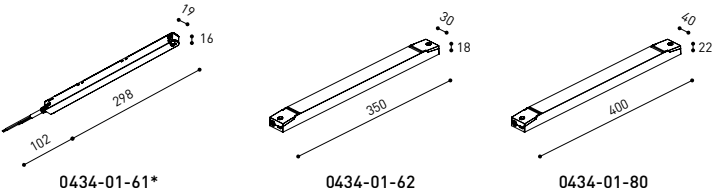
Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

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.

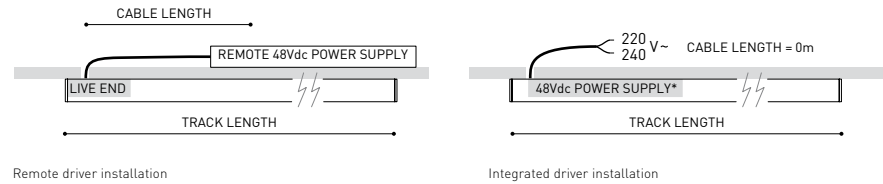


DROP VOLTAGE TABLE

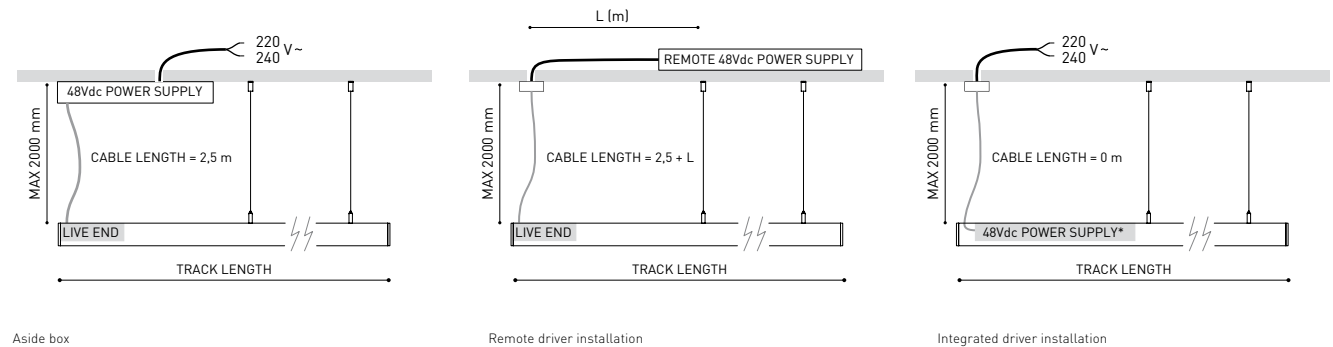
POWER (W)	CABLE SECTION (mm²)	CABLE LENGTH (m)			
		5	10	20	30
		TRACK LENGTH (m)			
100	0,75	50	50	X	X
	1,5	50	50	40	25
150	0,75	40	15	X	X
	1,5	50	40	20	X
250	0,75	20	X	X	X
	1,5	35	20	X	X

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 |

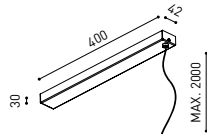


For suspension aside box installation replace the power supply:

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

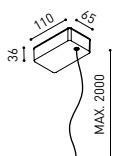
A338-00-17- | N | W | DIM

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.

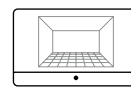
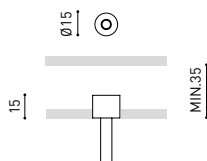
FEED

Mains Trimless*

A023-00-01- | W | N | NO DIM

Mains Thick Trimless*

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



PRODUCT CONFIGURATOR

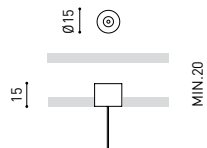
Use our online configurator to design your own custom product layout. The tool will guide you through the process and automatically calculate the required drivers and accessories.

[Start your configuration →](#)

FASTENING

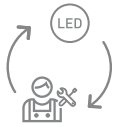
Steel Cable Trimless*

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

