



DIMENSIONS



ACCESSORIES



HIGH CHROMATIC LED



TRACK 48V OPTIONS

AWARDS

PREMIO
ADCV 2019
OROSHORTLIST
2019

Name	PLUS 48V DIM DALI 2700K WTW
Reference	A3230020WTW
Color	Textured white - White track
RAL	9016
Category	TRACK LIGHTS

LIGHT SOURCE

Type	LED
Gross luminous flux	1920 lm
Colour temperature	2700 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	18 W
Current	500 mA
Efficacy	107 lm/W
LED lifespan	L90B10 > 55.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	26-40%
Light beam angle	12°-51°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included
Power values of the system	19,50 W
Dimming	DALI
Electrical insulation class	II

OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Swivel angle	180°
Rotation angle	360°
Track type	Track 48V
Weight	583 g
Packaged weight	705 g
Packaging dimensions	225 x 191 x 84 mm
Units per package	1
Materials	Aluminium / Optical Glass



Plus 48V is a spotlight for low voltage tracklight applications that offers the possibility of expanding or concentrating the beam light with just a smooth manual gesture. This characteristic makes Plus the ideal alternative for applications where the precision within the beam of light is essential- like for example: museums, expositions, retail or accent lighting applications.

POLAR DIAGRAM



CONICAL DIAGRAM

Distance [m]	Cone Diameter [m]	Beam Type	Half-value Angle	Beam Type	Half-value Angle	Beam Type	Half-value Angle	Beam Type	Half-value Angle
1.00	0.95	C0 - C180	51.4°	C0 - C180	12.2°	C90 - C270	50.6°	C0 - C180	12.2°
	0.96			C0 - C180		C90 - C270		C0 - C180	
2.00	1.89	C0 - C180	51.4°	C0 - C180	12.2°	C90 - C270	50.6°	C0 - C180	12.2°
	1.93			C0 - C180		C90 - C270		C0 - C180	
3.00	2.84	C0 - C180	51.4°	C0 - C180	12.2°	C90 - C270	50.6°	C0 - C180	12.2°
	2.89			C0 - C180		C90 - C270		C0 - C180	
4.00	3.78	C0 - C180	51.4°	C0 - C180	12.2°	C90 - C270	50.6°	C0 - C180	12.2°
	3.85			C0 - C180		C90 - C270		C0 - C180	
	4.73	C0 - C180	51.4°	C0 - C180	12.2°	C90 - C270	50.6°	C0 - C180	12.2°
	4.81			C0 - C180		C90 - C270		C0 - C180	

Distance [m]	Beam Type	Half-value Angle	Beam Type	Half-value Angle	Beam Type	Half-value Angle	Beam Type	Half-value Angle	
1.00	E(0°)	1139	E(0°)	10750	E(C90)	25.3°	439	E(C90)	6.4°
	E(C90)	25.3°	439	E(C90)	6.4°	5353	E(C0)	6.1°	
	E(C0)	25.7°	436	E(C0)	6.1°	5398			
2.00	E(0°)	285	E(0°)	2687	E(C90)	25.3°	110	E(C90)	6.4°
	E(C90)	25.3°	110	E(C90)	6.4°	1338	E(C0)	6.1°	
	E(C0)	25.7°	109	E(C0)	6.1°	1350			
3.00	E(0°)	127	E(0°)	1194	E(C90)	25.3°	49	E(C90)	6.4°
	E(C90)	25.3°	49	E(C90)	6.4°	595	E(C0)	6.1°	
	E(C0)	25.7°	48	E(C0)	6.1°	600			
4.00	E(0°)	71	E(0°)	672	E(C90)	25.3°	27	E(C90)	6.4°
	E(C90)	25.3°	27	E(C90)	6.4°	335	E(C0)	6.1°	
	E(C0)	25.7°	27	E(C0)	6.1°	337			
	E(0°)	46	E(0°)	430	E(C90)	25.3°	18	E(C90)	6.4°
	E(C90)	25.3°	18	E(C90)	6.4°	214	E(C0)	6.1°	
	E(C0)	25.7°	17	E(C0)	6.1°	216			

Legend:
— C0 - C180 (Half-value Angle: 51.4°)
— C0 - C180 (Half-value Angle: 12.2°)
— C90 - C270 (Half-value Angle: 50.6°)
— C90 - C270 (Half-value Angle: 12.8°)

Vivid Model Colour Temperature	2700K	3000K	3500K	4000K	Light Pink
📖 Reading			•	•	
🥬 Fruits & Vegetables		•	•		
🍞 Bakery	•				
👤 Retail		•	•		
💄 Cosmetics			•	•	
🥩 Meat					•
🐟 Fish				•	
🐠 Seafood				•	•



For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a «special saturation parameter», capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate diode and specific phosphor coating are carefully selected.



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 90° One Plane	A338-06-00- N WT
TRACK 48V TRIMLESS Corner 90° 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 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 90° 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 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 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



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

TRACK 48V TRIMLESS Corner 90° One Plane



*Electrical connection not included

TRACK 48V TRIMLESS Corner 90° Two Planes



*Electrical connection not included



TRACK 48V SURFACE Corner 90° One Plane



T-Joint



X-Joint



Electrical connection not included | Straight joiner included

TRACK 48V SURFACE SHORT Corner 90° One Plane



T-Joint



X-Joint



Electrical connection not included | Straight joiner included



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.

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DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm ²)	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

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

ALL 48V TRACK



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

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

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

Wireless Control 48V
0434-01-31- | N | W | Casambi/AAG Stucchi App



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



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

*Not suitable for trimless version



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



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

TRIMLESS 48V



Trimless T-Bracket 48V
A338-00-03

Trimless Long T-Bracket 48V
A338-00-04

Trimless Straight Joiner 48V (2 Units)
A338-00-05- | N | WT |

Trimless Plaster Installation Guard 1m 48V
A338-00-21



Trimless Clamp for M6 ROD 48V
A338-00-09

*See accessories quantities



Trimless Track Clamp 48V
A338-00-10

*See accessories quantities



Trimless Suspension Kit 48V
A338-00-08

*See accessories quantities

* 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 |

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 V ~ 240 V ~ To be installed aside 48V Surface Tracks
INCL



Surface Straight Joiner 48V
A338-00-11

SUSPENSION & SUSPENSION SHORT 48V



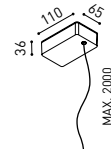
Wired Power Supply Case 48V

A338-00-25- | NT | WT | 150 W NO DIM
A338-00-26- | NT | WT | 150 W DIM

220 V ~ 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

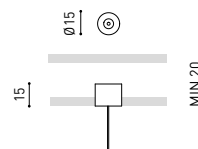
WIRE TRIMLESS ACCESSORIES



FEED

MAINS TRIMLESS*
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

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

