



## DIMENSIONS



## ACCESSORIES



HIGH CHROMATIC LED



TRACK 48V OPTIONS

## AWARDS



Name	PLUS 48V SHORT 4000K NT
Reference	A3230012NT-S
Color	Textured black
RAL	9005
Category	TRACKLIGHTS

## LIGHT SOURCE

Type	LED
Gross luminous flux	2030 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	18 W
Current	500 mA
Efficacy	113 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	18,95 W
Voltage	48Vdc
Dimming	No Dim
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	Beam Type	Half-value Angle	Beam Type	Half-value Angle	
1.00	0.95 0.96	E(0°)	1204	E(0°)	11366	0.22 0.21	E(0°)	2841	E(0°)	1263	E(0°)	710	E(0°)	455
		E(C90) 25.3°	465	E(C90) 6.4°	5660			E(C90) 25.3°		116		E(C90) 6.4°		1415
2.00	1.89 1.93	E(0°)	301	E(0°)	2841	0.45 0.43	E(0°)	1263	E(0°)	710	E(0°)	455	E(0°)	455
		E(C90) 25.3°	116	E(C90) 6.4°	1415			E(C90) 25.3°		52		E(C90) 6.4°		629
3.00	2.84 2.89	E(0°)	134	E(0°)	1263	0.67 0.64	E(0°)	1263	E(0°)	710	E(0°)	455	E(0°)	455
		E(C90) 25.3°	51	E(C90) 6.1°	634			E(C90) 25.3°		29		E(C90) 6.4°		354
4.00	3.78 3.85	E(0°)	75	E(0°)	710	0.90 0.85	E(0°)	710	E(0°)	455	E(0°)	455	E(0°)	455
		E(C90) 25.7°	51	E(C90) 6.1°	634			E(C90) 25.7°		29		E(C90) 6.1°		357
4.00	4.73 4.81	E(0°)	48	E(0°)	455	1.12 1.07	E(0°)	455	E(0°)	455	E(0°)	455	E(0°)	455
		E(C90) 25.3°	19	E(C90) 6.4°	226			E(C90) 25.3°		19		E(C90) 6.4°		226
4.00	4.73 4.81	E(0°)	48	E(0°)	455	1.12 1.07	E(0°)	455	E(0°)	455	E(0°)	455	E(0°)	455
		E(C90) 25.7°	18	E(C90) 6.1°	228			E(C90) 25.7°		18		E(C90) 6.1°		228

Distance [m] — 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 SURFACE SHORT

#### Corner 90° One Plane



### 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



Electrical connection not included  
Straight joiner included

	P	V	D
CONSTANT VOLTAGE LED POWER SUPPLY	0434-01-61 *   N	100W	48V
	0434-01-62	150W	48V
			298 x 16 x 19 mm
			350 x 30 x 18 mm

220 V ~  
240

\*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



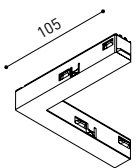
#### Live-End Connector 48V

A338-00-01- | W | N |



#### L-JOINT Connector 48V

A338-00-12- | W | N |



#### Corner 90° Connector One Plane 48V

A338-00-24- | W | N |

\*Not suitable for trimless version



#### Central Connector 48V

A338-00-02- | W | N |



#### Wireless Control 48V

0434-01-31- | W | N | Casambi/AAG Stucchi App



#### Cover Gap 1m 48V

0338-00-30- | W | N |

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

## SURFACE SHORT & SUSPENSION SHORT 48V



### Short End 48V

A338-00-18- | NT | WT |



### Short End feed 48V

A338-00-19- | NT | WT |



### Straight Joiner 48V

A338-00-11

## SURFACE SHORT 48V



### Power Supply Case 48V

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

220 V ~ 240 V ~ INCL \*To be installed aside 48V Surface Tracks

## 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- | WT | NT |



### Suspension Feed Kit 48V

A338-00-16- | W | N | NO DIM

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

\*For remote power supply

A338-00-27- | W | N | NO DIM

A338-00-28- | W | N | 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

REMOTE INCL Ø20



### FASTENING

#### STEEL CABLE TRIMLESS\*

A023-00-05- | W | N |

INCL Ø20

MAINS TRIMLESS



MAINS THICK TRIMLESS



STEEL CABLE TRIMLESS



\* 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

