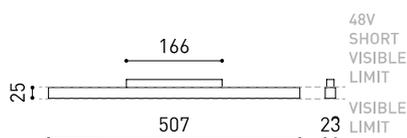




DIMENSIONS



ACCESSORIES



TRACK 48V OPTIONS

Name	LINE 500 48V DIM DALI 3000K N
Reference	A3761021N
Color	Matt black
RAL	Anodised, bath colour, looks alike RAL 9005
Category	TRACK LIGHTS

LIGHT SOURCE

Type	LED
Gross luminous flux	1600 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	10,5 W
Current	350 mA
Efficacy	152 lm/W
LED lifespan	L80B10 > 60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	43%
Light beam angle	98°

LIGHTING FIXTURE | ELECTRICAL DATA

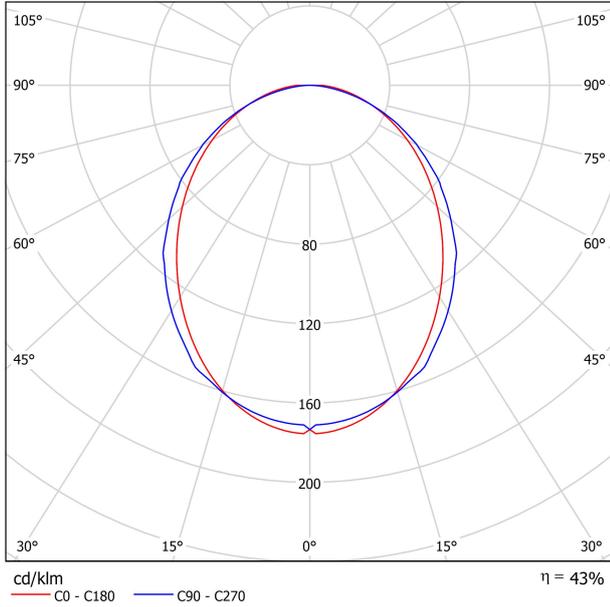
Driver	Included
Power values of the system	11,64 W
Dimming	DALI
Electrical insulation class	◆◆

OTHER DATA

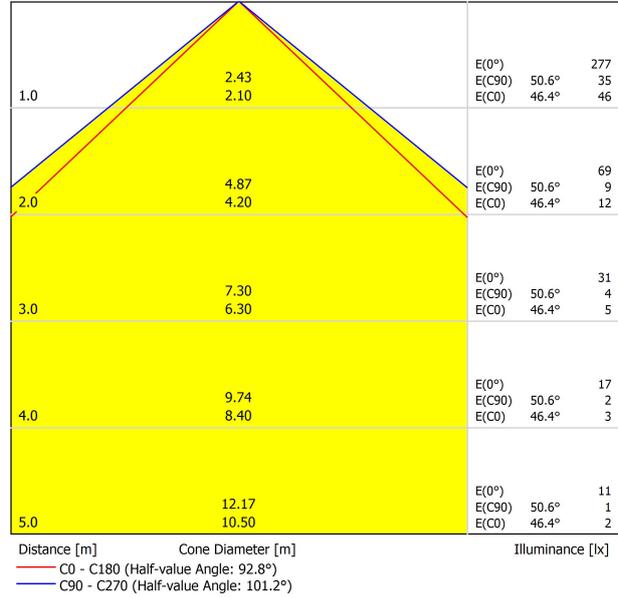
Sealing	IP20
Wireless control	Please Consult
Track type	Track 48V
Weight	230 g
Packaged weight	400 g
Packaging dimensions	Ø55 x 550 mm
Units per package	1
Materials	Aluminium / Polycarbonate

Line 48V, is the line-luminary of diffused light for 48 voltage tracklight applications. This lighting solution allows Arkoslight's 48V tracklight to combine accent lighting with longitudinal general lighting where required.

POLAR DIAGRAM



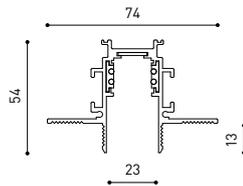
CONICAL DIAGRAM



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	22.3	23.6	22.5	23.8	24.0	22.7	24.0	23.0	24.2	24.4
	3H	24.0	25.2	24.4	25.5	25.7	24.4	25.6	24.7	25.8	26.1
	4H	24.8	25.9	25.1	26.2	26.4	25.0	26.1	25.3	26.4	26.7
	6H	25.4	26.4	25.8	26.7	27.0	25.4	26.5	25.8	26.8	27.1
	8H	25.7	26.7	26.0	27.0	27.3	25.6	26.6	25.9	26.9	27.2
4H	2H	22.9	24.0	23.2	24.3	24.6	23.2	24.3	23.5	24.6	24.9
	3H	24.9	25.8	25.3	26.2	26.5	25.1	26.1	25.5	26.4	26.7
	4H	25.8	26.6	26.2	27.0	27.3	25.9	26.8	26.3	27.1	27.5
	6H	26.6	27.3	27.0	27.7	28.1	26.5	27.2	26.9	27.6	28.0
	8H	26.9	27.6	27.3	28.0	28.4	26.7	27.4	27.1	27.8	28.2
8H	2H	27.2	27.9	27.7	28.3	28.7	26.8	27.4	27.3	27.9	28.3
	4H	26.1	26.8	26.5	27.2	27.6	26.2	26.9	26.7	27.3	27.7
	6H	27.1	27.6	27.5	28.1	28.5	27.0	27.6	27.5	28.0	28.4
	8H	27.5	28.0	28.0	28.5	29.0	27.3	27.8	27.8	28.2	28.7
	12H	28.0	28.4	28.5	28.9	29.4	27.5	27.9	28.0	28.4	28.9
12H	4H	26.2	26.8	26.6	27.2	27.6	26.3	26.9	26.7	27.3	27.7
	6H	27.2	27.7	27.7	28.1	28.6	27.1	27.6	27.6	28.0	28.5
	8H	27.7	28.1	28.2	28.6	29.1	27.4	27.9	27.9	28.3	28.8
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H		+0.2 / -0.3					+0.2 / -0.3				
S = 2.0H		+0.3 / -0.7					+0.4 / -0.7				
Standard table Correction Summand		BK07					BK06				
		6.1					5.7				

Corrected Glare Indices referring to 1600lm Total Luminous Flux



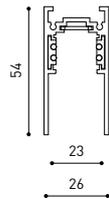
TRACK 48V TRIMLESS

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.

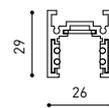


TRIMLESS INSTALLATION GUIDE
<https://youtu.be/tgGsQdaYe-w>



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



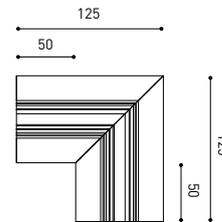
TRACK 48V SURFACE SHORT

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



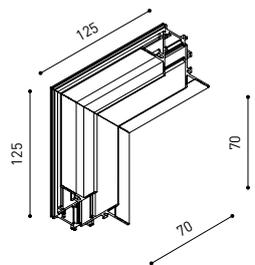
COLOUR | N ■ RAL 9005 | NT ■ RAL 9005 | WT □ RAL 9016 |

TRACK 48V TRIMLESS Corner 90° One Plane

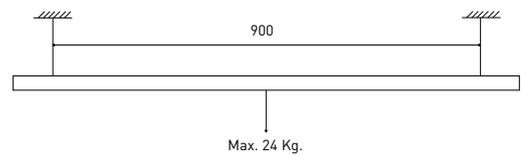


*Electrical connection not included

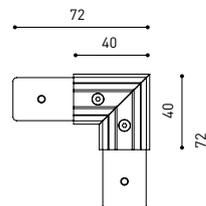
TRACK 48V TRIMLESS Corner 90° Two Planes



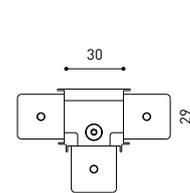
*Electrical connection not included



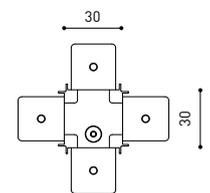
TRACK 48V SURFACE Corner 90° One Plane



T-Joint

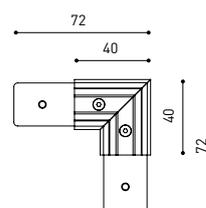


X-Joint

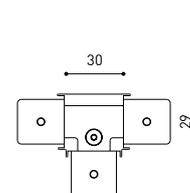


Electrical connection not included | Straight joiner included

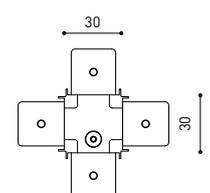
TRACK 48V SURFACE SHORT Corner 90° One Plane



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.

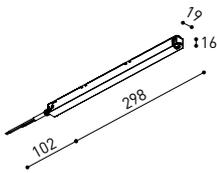
ⓘ » 282

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

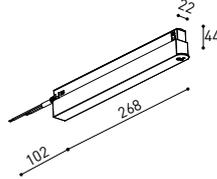
LED POWER SUPPLY

0434-01-61



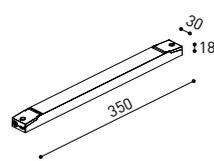
LED POWER SUPPLY

0434-01-69 **



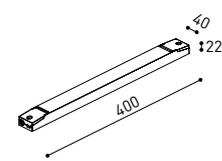
LED POWER SUPPLY

0434-01-62



LED POWER SUPPLY

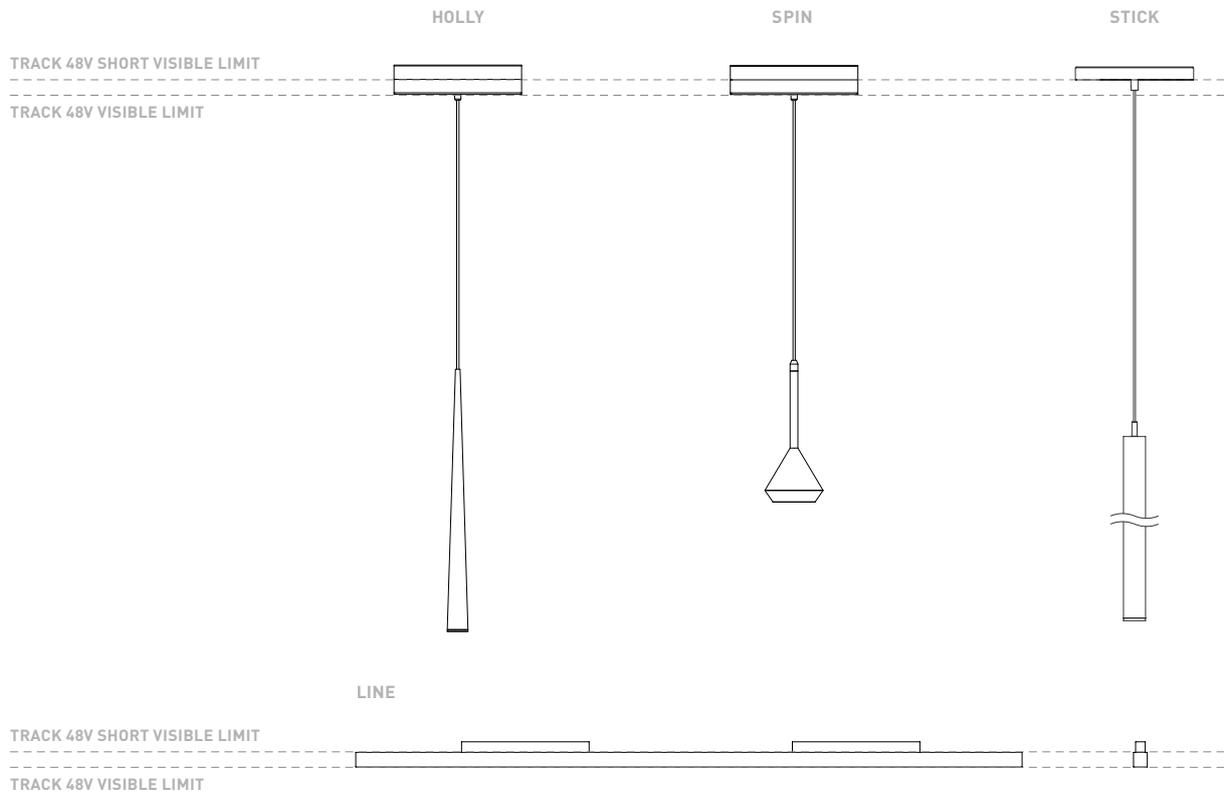
0434-01-80



**Not recommended for Track 48V Surface Short

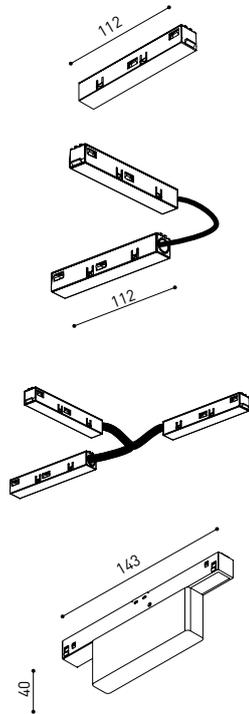
COMPATIBILITY ACCORDING TO TYPE OF TRACK

TRACK 48V & TRACK 48V SURFACE SHORT



COLOUR | N ■ RAL 9005 |

ALL 48V TRACK

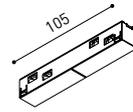


Live-End Connector 48V
A338-00-01- | N | W |

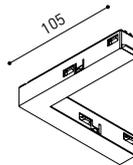
L-Joint Connector 48V
A338-00-12- | N | W |

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

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

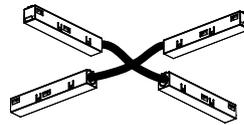


Central Connector 48V
A338-00-02- | N | W |



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

*Not suitable for trimless version

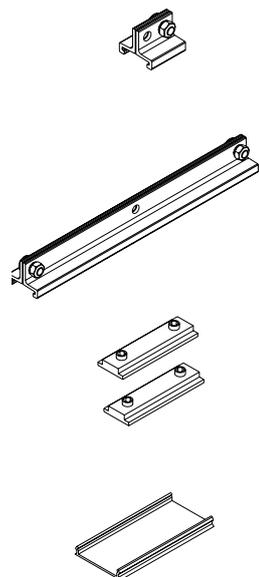


X-Joint Connector 48V
A450-00-08- | N |



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



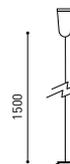
Trimless Clamp for M6 ROD 48V
A338-00-09

*See accessories quantities



Trimless Track Clamp 48V
A338-00-10

*See accessories quantities



Trimless Suspension Kit 48V
A338-00-08

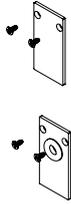
*See accessories quantities

* 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 |

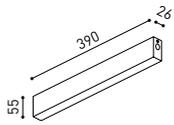
SURFACE & SUSPENSION SHORT 48V



Short End 48V
A338-00-18- | NT | WT |

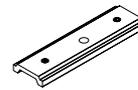
Short End feed 48V
A338-00-19- | NT | WT |

SURFACE & SURFACE SHORT 48V



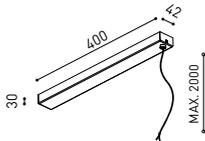
Power Supply Case 48V
A338-00-29- | NT | WT | 150 W

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



Surface Straight Joiner 48V
A338-00-11

SUSPENSION & SUSPENSION SHORT 48V

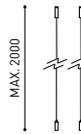


Wired Power Supply Case 48V

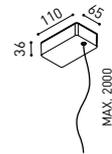
A338-00-25- | NT | WT | 150 W

A338-00-26- | NT | WT | 150 W

220 V ~ 240 V ~ INCL



Suspension Kit 48V [2 units]
A338-00-15- | NT | WT |



Suspension Feed Kit 48V

A338-00-16- | N | W |

A338-00-17- | N | W |

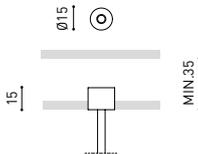
For remote power supply

A338-00-27- | N | W |

A338-00-28- | N | W |

For power supply inside the track

WIRE TRIMLESS ACCESSORIES



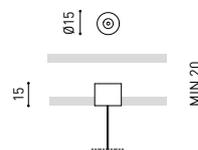
FEED

MAINS TRIMLESS*

A023-00-01- | W | N |

MAINS THICK TRIMLESS*

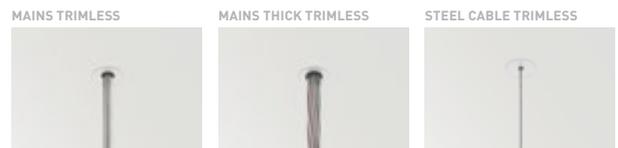
A023-00-02- | W | N |



FASTENING

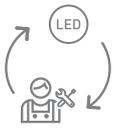
STEEL CABLE TRIMLESS*

A023-00-05- | W | N |



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

* AS MANY PIECES AS NEEDED ACCORDING TO YOUR PRODUCT



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

