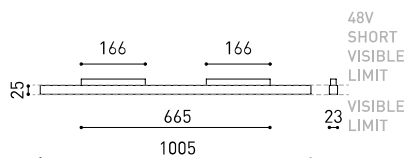




DIMENSIONS



ACCESSORIES



TRACK 48V OPTIONS

PRODUCT

Name	LINE 1000 48V DIM DALI 2700K N
Reference	A3762020N
Color	Matt black
RAL	Anodised, bath colour, looks alike RAL 9005
Category	TRACK LIGHTS

LIGHT SOURCE

Type	LED
Gross luminous flux	3000 lm
Colour temperature	2700 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	21 W
Efficacy	143 lm/W
LED lifespan	L80B10 > 60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	43%
Light beam angle	98°

LIGHTING FIXTURE | ELECTRICAL DATA

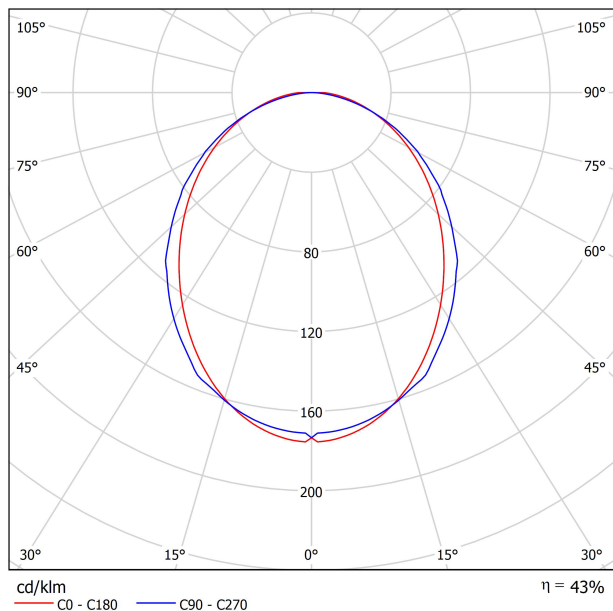
Power values of the system	23,00 W
Dimming	DALI
Electrical insulation class	II

OTHER DATA

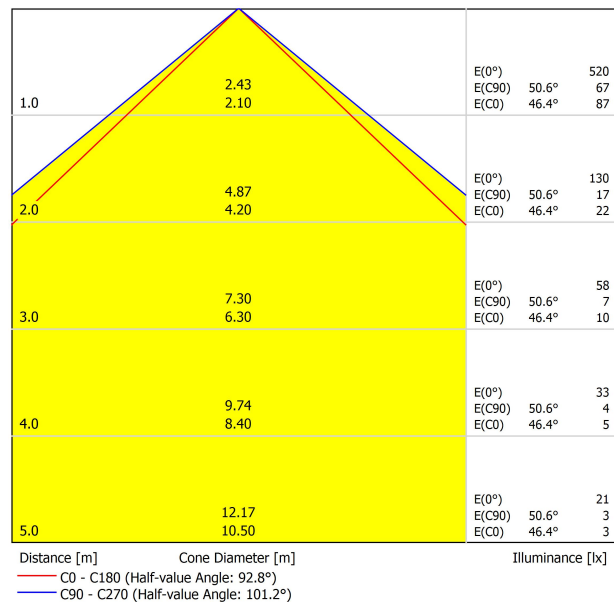
Sealing	IP20
Wireless control	Please Consult
Track type	Track 48V
Weight	445 g
Packaged weight	795 g
Packaging dimensions	Ø55 x 1050 mm
Units per package	1
Materials	Aluminium / Polycarbonate

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

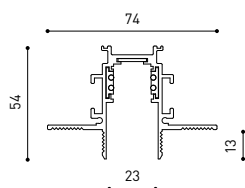
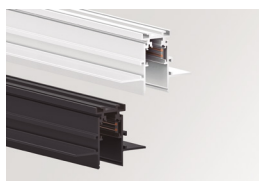


CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	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	22.1	23.3	22.3	23.6	23.8	22.5	23.8	22.8	24.0	24.2	24.2
	3H	23.8	25.0	24.2	25.3	25.5	24.2	25.3	24.5	25.6	25.9	25.9
	4H	24.6	25.7	24.9	26.0	26.2	24.8	25.9	25.1	26.2	26.5	26.5
	6H	25.2	26.2	25.6	26.5	26.8	25.2	26.3	25.6	26.6	26.9	26.9
	8H	25.5	26.5	25.8	26.8	27.1	25.4	26.4	25.7	26.7	27.0	27.0
4H	12H	25.7	26.7	26.1	27.0	27.3	25.4	26.4	25.8	26.7	27.0	27.0
	2H	22.7	23.8	23.0	24.1	24.3	23.0	24.1	23.3	24.4	24.7	24.7
	3H	24.7	25.6	25.1	26.0	26.3	24.9	25.9	25.3	26.2	26.5	26.5
	4H	25.6	26.4	26.0	26.8	27.1	25.7	26.6	26.1	26.9	27.3	27.3
	6H	26.4	27.1	26.8	27.5	27.9	26.3	27.0	26.7	27.4	27.8	27.8
8H	12H	26.7	27.4	27.1	27.8	28.2	26.5	27.2	26.9	27.6	28.0	28.0
	2H	27.0	27.7	27.5	28.1	28.5	26.6	27.2	27.1	27.6	28.1	28.1
	3H	25.9	26.6	26.3	27.0	27.4	26.0	26.7	26.5	27.1	27.5	27.5
	4H	26.9	27.4	27.3	27.9	28.3	26.8	27.3	27.3	27.8	28.2	28.2
	6H	27.3	27.8	27.8	28.3	28.8	27.1	27.6	27.6	28.0	28.5	28.5
12H	12H	27.8	28.2	28.3	28.7	29.2	27.3	27.7	27.8	28.2	28.7	28.7
	4H	25.9	26.6	26.4	27.0	27.4	26.1	26.7	26.5	27.1	27.5	27.5
	6H	27.0	27.5	27.4	27.9	28.4	26.9	27.4	27.4	27.8	28.3	28.3
	8H	27.5	27.9	28.0	28.4	28.9	27.2	27.7	27.7	28.1	28.6	28.6
Variation of the observer position for the luminaires 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		BK07					BK06					
Correction		3.7					3.3					
Summand												
Corrected Glare Indices referring to 3000lm Total Luminous Flux												



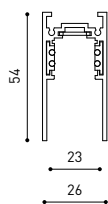
TRACK 48V TRIMLESS

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.

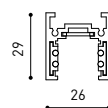


TRIMLESS INSTALLATION GUIDE
<https://youtu.be/tgGsQdaYe-w>



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

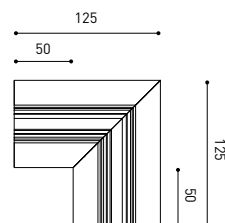
TRACK 48V SURFACE SHORT 1m	A338-21-00- NT WT
TRACK 48V SURFACE SHORT 2m	A338-22-00- NT WT
TRACK 48V SURFACE SHORT 3m	A338-23-00- NT WT
TRACK 48V SURFACE SHORT Corner 90° One Plane	A338-24-00- NT WT
TRACK 48V SURFACE SHORT T-Joint	A338-25-00- NT
TRACK 48V SURFACE SHORT X-Joint	A338-26-00- NT



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

TRACK 48V TRIMLESS

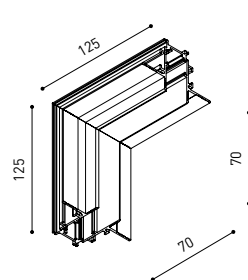
Corner 90° One Plane



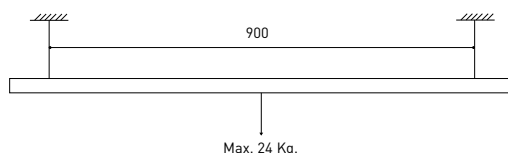
*Electrical connection not included

TRACK 48V TRIMLESS

Corner 90° Two Planes

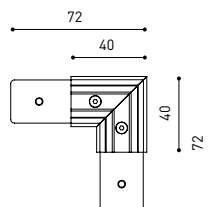


*Electrical connection not included

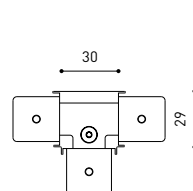


TRACK 48V SURFACE

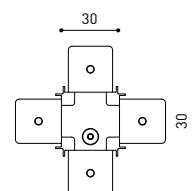
Corner 90° One Plane



T-Joint



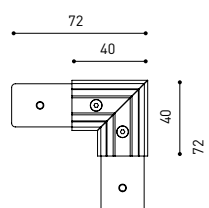
X-Joint



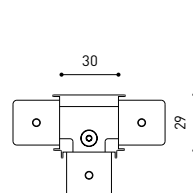
Electrical connection not included | Straight joiner included

TRACK 48V SURFACE SHORT

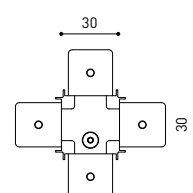
Corner 90° One Plane



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 V~ | *To be installed inside the track.

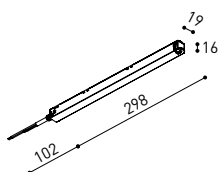
» 282

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

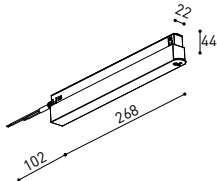
LED POWER SUPPLY

0434-01-61



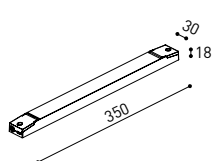
LED POWER SUPPLY

0434-01-69 **



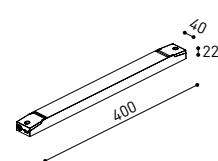
LED POWER SUPPLY

0434-01-62



LED POWER SUPPLY

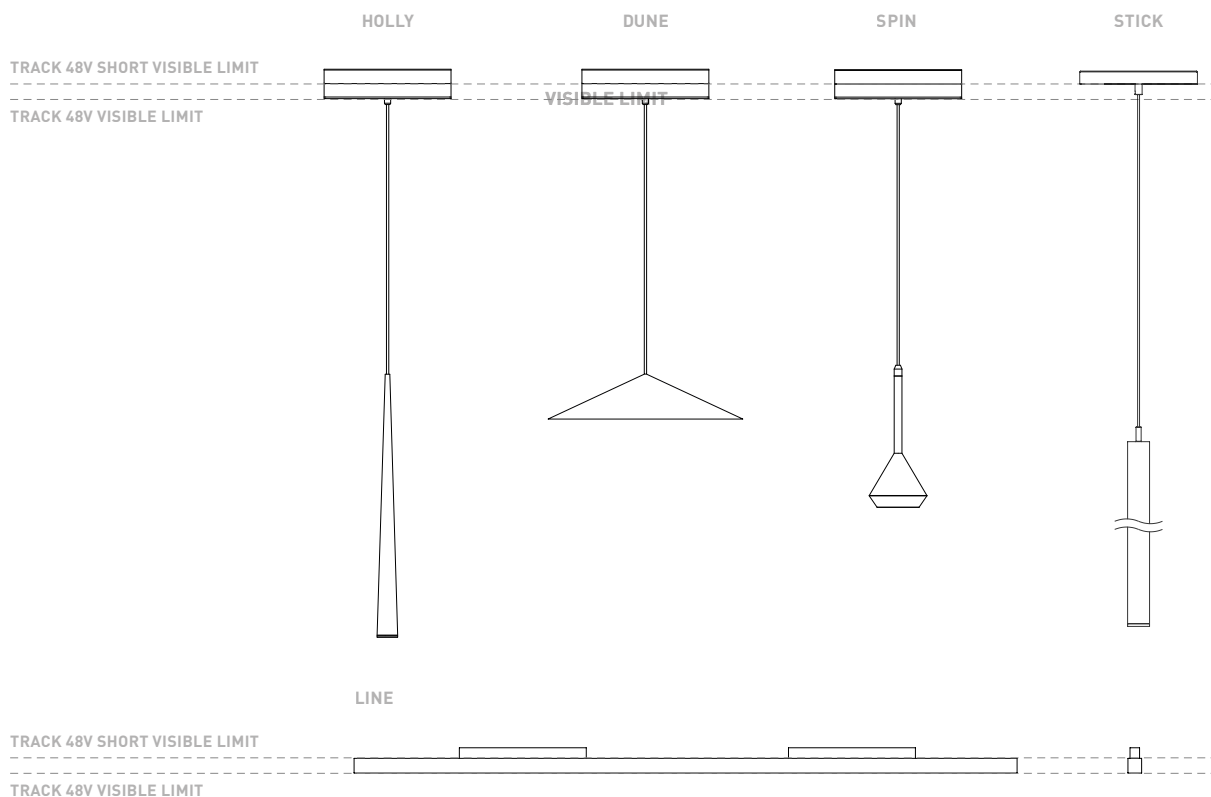
0434-01-80



**Not recommended for Track 48V Surface Short

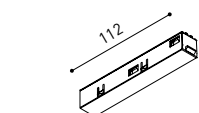
COMPATIBILITY ACCORDING TO TYPE OF TRACK

TRACK 48V & TRACK 48V SURFACE SHORT



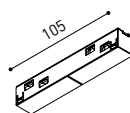
COLOUR | N ■ RAL 9005 |

ALL 48V TRACK



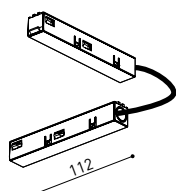
Live-End Connector 48V

A338-00-01- | N | W |



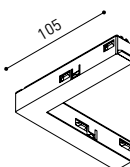
Central Connector 48V

A338-00-02- | N | W |



L-Joint Connector 48V

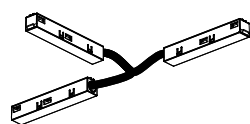
A338-00-12- | N | W |



Corner 90° Connector One Plane 48V

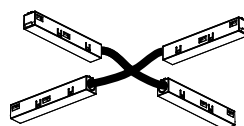
A338-00-24- | N | W |

*Not suitable for trimless version



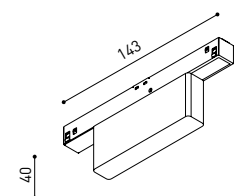
T-Joint Connector 48V

A450-00-07- | N |



X-Joint Connector 48V

A450-00-08- | N |



Wireless Control 48V

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



Cover Gap 1m 48V

A338-00-30- | N | W |

TRIMLESS 48V



Trimless T-Bracket 48V

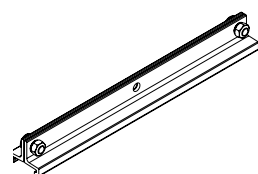
A338-00-03



Trimless Clamp for M6 ROD 48V

A338-00-09

*See accessories quantities



Trimless Long T-Bracket 48V

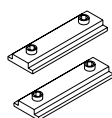
A338-00-04



Trimless Track Clamp 48V

A338-00-10

*See accessories quantities



Trimless Straight Joiner 48V (2 Units)

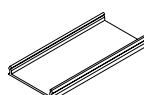
A338-00-05- | N | WT |



Trimless Suspension Kit 48V

A338-00-08

*See accessories quantities



Trimless Plaster Installation Guard 1m 48V

A338-00-21

* 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

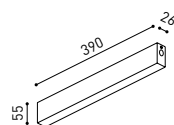
A338-00-18- | NT | WT |



Short End feed 48V

A338-00-19- | NT | WT |

SURFACE & SURFACE SHORT 48V



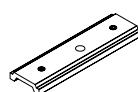
Power Supply Case 48V

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

220 V ~
240



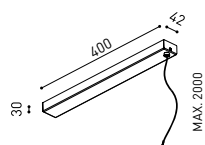
To be installed aside 48V Surface Tracks



Surface Straight Joiner 48V

A338-00-11

SUSPENSION & SUSPENSION SHORT 48V



Wired Power Supply Case 48V

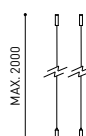
A338-00-25- | NT | WT | 150 W NO DIM

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

220 V ~
240

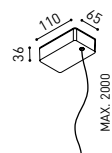


INCL



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

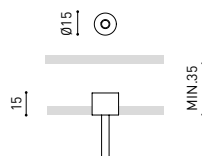
For remote power supply

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

A338-00-28- | N | W | DIM

For power supply inside the track

WIRE TRIMLESS ACCESSORIES



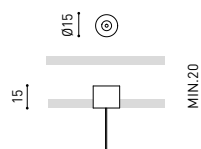
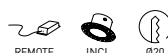
FEED

MAINS TRIMLESS*

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

MAINS THICK TRIMLESS*

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



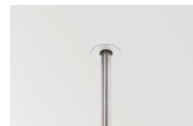
FASTENING

STEEL CABLE TRIMLESS*

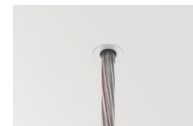
A023-00-05- | W | N |



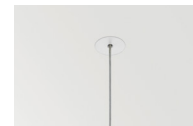
MAINS TRIMLESS



MAINS THICK TRIMLESS

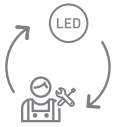


STEEL CABLE TRIMLESS



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



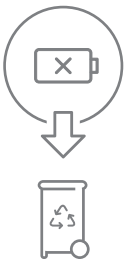
Quitar la(s) fuente(s) de luz para el desecho

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

