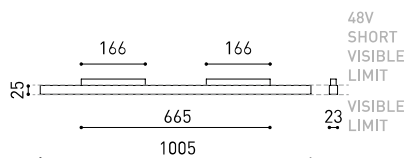




DIMENSIONS



ACCESSORIES



TRACK 48V OPTIONS

PRODUCT

Name	LINE 1000 48V DIM DALI 2700K WT
Reference	A3762020WT
Color	Textured white
RAL	Anodised, bath colour, looks alike RAL 9016
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	65%
Light beam angle	98°

LIGHTING FIXTURE | ELECTRICAL DATA

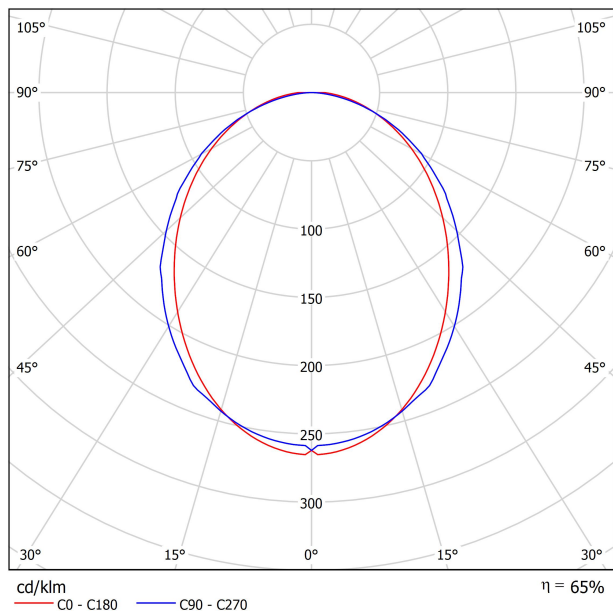
Power values of the system	23,00 W
Dimming	DALI
Electrical insulation class	II

OTHER DATA

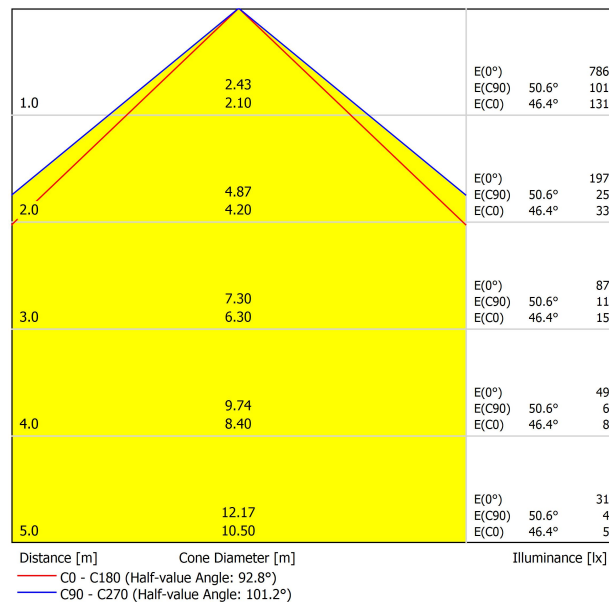
Sealing	IP20
Wireless control	Please Consult
Track type	Track 48V
Weight	445 g
Packaged weight	795 g
Packaging dimensions	Ø55 x 1050 mm
Units per package	1
Materials	Aluminium / Polycarbonate

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	23.5	24.8	23.8	25.0	25.2	23.9	25.2	24.2	25.4	25.7	25.7
	3H	25.3	26.4	25.6	26.7	27.0	25.6	26.8	25.9	27.0	27.3	27.3
	4H	26.0	27.1	26.3	27.4	27.7	26.2	27.3	26.6	27.6	27.9	27.9
	6H	26.6	27.7	27.0	28.0	28.3	26.7	27.7	27.0	28.0	28.3	28.3
	8H	26.9	27.9	27.3	28.2	28.5	26.8	27.8	27.2	28.1	28.4	28.4
12H	27.2	28.1	27.5	28.4	28.8	26.9	27.8	27.2	28.1	28.5	28.5	
4H	2H	24.1	25.2	24.4	25.5	25.8	24.4	25.5	24.8	25.8	26.1	26.1
	3H	26.1	27.1	26.5	27.4	27.7	26.4	27.3	26.7	27.6	28.0	28.0
	4H	27.0	27.8	27.4	28.2	28.6	27.2	28.0	27.6	28.3	28.7	28.7
	6H	27.8	28.5	28.2	28.9	29.3	27.7	28.5	28.2	28.9	29.2	29.2
	8H	28.1	28.8	28.6	29.2	29.6	27.9	28.6	28.4	29.0	29.4	29.4
12H	28.5	29.1	28.9	29.5	29.9	28.1	28.7	28.5	29.1	29.5	29.5	
8H	4H	27.3	28.0	27.8	28.4	28.8	27.5	28.2	27.9	28.6	29.0	29.0
	6H	28.3	28.9	28.8	29.3	29.8	28.2	28.8	28.7	29.2	29.7	29.7
	8H	28.8	29.3	29.3	29.7	30.2	28.5	29.0	29.0	29.5	29.9	29.9
	12H	29.2	29.7	29.7	30.1	30.6	28.7	29.2	29.2	29.6	30.1	30.1
	4H	27.4	28.0	27.8	28.4	28.8	27.5	28.1	28.0	28.5	29.0	29.0
6H	28.4	28.9	28.9	29.3	29.8	28.3	28.8	28.8	29.3	29.7	29.7	
8H	28.9	29.3	29.4	29.8	30.3	28.7	29.1	29.2	29.6	30.1	30.1	
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		BK07					BK06					
Correction		6.6					6.2					
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



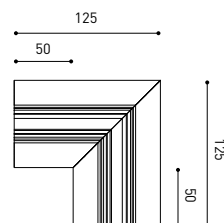
TRACK 48V SURFACE SHORT

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



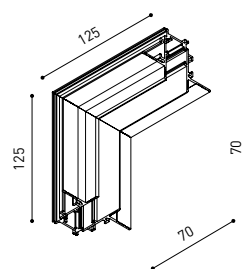
COLOUR | N ■ RAL 9005 | NT ■ RAL 9005 | WT □ RAL 9016 |

TRACK 48V TRIMLESS Corner 90° One Plane

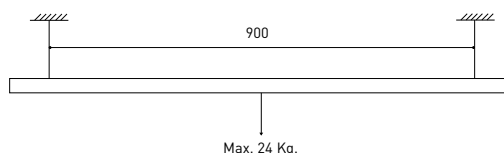


*Electrical connection not included

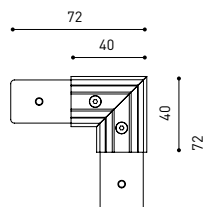
TRACK 48V TRIMLESS Corner 90° Two Planes



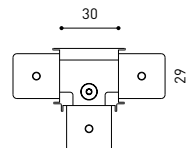
*Electrical connection not included



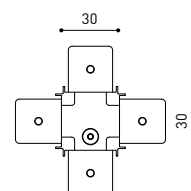
TRACK 48V SURFACE Corner 90° One Plane



T-Joint

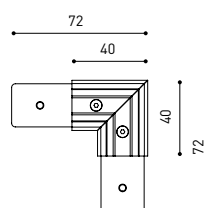


X-Joint

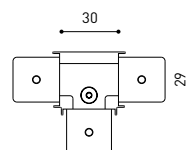


Electrical connection not included | Straight joiner included

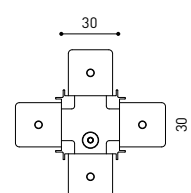
TRACK 48V SURFACE SHORT Corner 90° One Plane



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.

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DROP VOLTAGE TABLE

POWER (W)	CABLE SECTION (mm²)	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

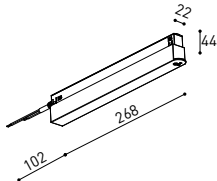
LED POWER SUPPLY

0434-01-61



LED POWER SUPPLY

0434-01-69 **



LED POWER SUPPLY

0434-01-62



LED POWER SUPPLY

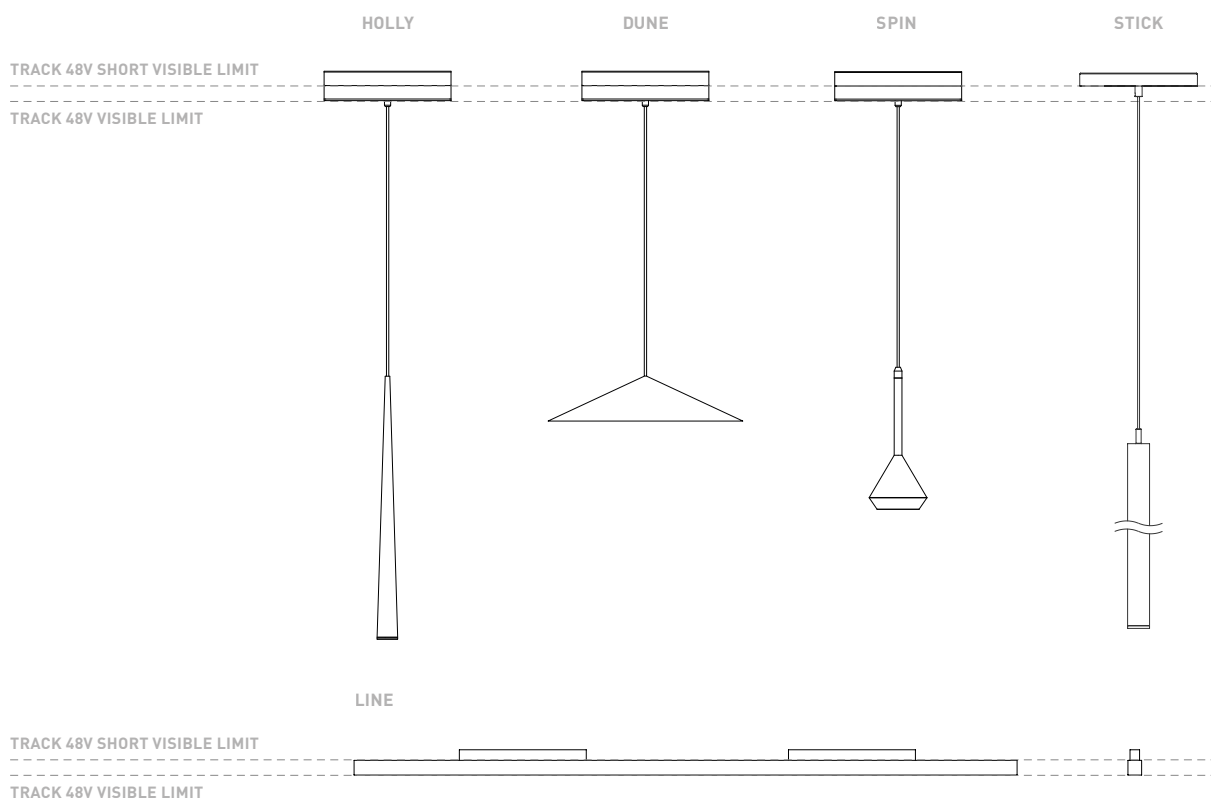
0434-01-80



**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

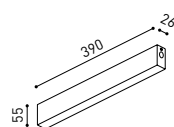
A338-00-18- | NT | WT |



Short End feed 48V

A338-00-19- | NT | WT |

SURFACE & SURFACE SHORT 48V



Power Supply Case 48V

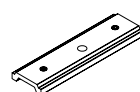
A338-00-29- | NT | WT | 150 W

220 V ~
240



To be installed aside 48V Surface Tracks

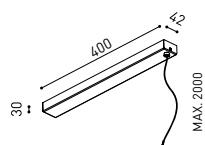
INCL



Surface Straight Joiner 48V

A338-00-11

SUSPENSION & SUSPENSION SHORT 48V



Wired Power Supply Case 48V

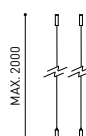
A338-00-25- | NT | WT | 150 W NO DIM

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

220 V ~
240

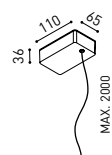


INCL



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

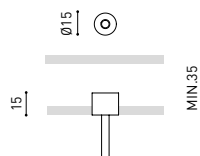
For remote power supply

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

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

For power supply inside the track

WIRE TRIMLESS ACCESSORIES



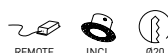
FEED

MAINS TRIMLESS*

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

MAINS THICK TRIMLESS*

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



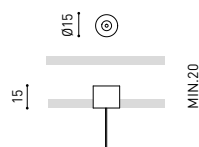
REMOTE



INCL



Ø20



FASTENING

STEEL CABLE TRIMLESS*

A023-00-05- | W | N |

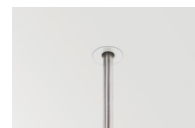


INCL

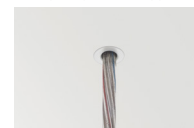


Ø20

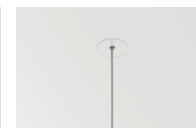
MAINS TRIMLESS



MAINS THICK TRIMLESS



STEEL CABLE TRIMLESS





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

