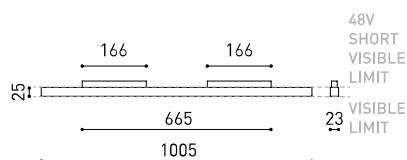




## DIMENSIONS



## ACCESSORIES



TRACK 48V OPTIONS

## PRODUCT

|           |                                             |
|-----------|---------------------------------------------|
| Name      | LINE 1000 48V DIM DALI 3000K WT             |
| Reference | A3762021WT                                  |
| Color     | Textured white                              |
| RAL       | Anodised, bath colour, looks alike RAL 9016 |
| Category  | TRACK LIGHTS                                |

## LIGHT SOURCE

|                        |                  |
|------------------------|------------------|
| Type                   | LED              |
| Gross luminous flux    | 3200 lm          |
| Colour temperature     | 3000 K           |
| Chromatic stability    | MacAdam Step 2   |
| Colour Rendering Index | CRI > 90         |
| Power                  | 21 W             |
| Efficacy               | 152 lm/W         |
| LED lifespan           | L80B10 > 60.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |     |
|---------------------|-----|
| Lighting efficiency | 65% |
| Light beam angle    | 98° |

## LIGHTING FIXTURE | ELECTRICAL DATA

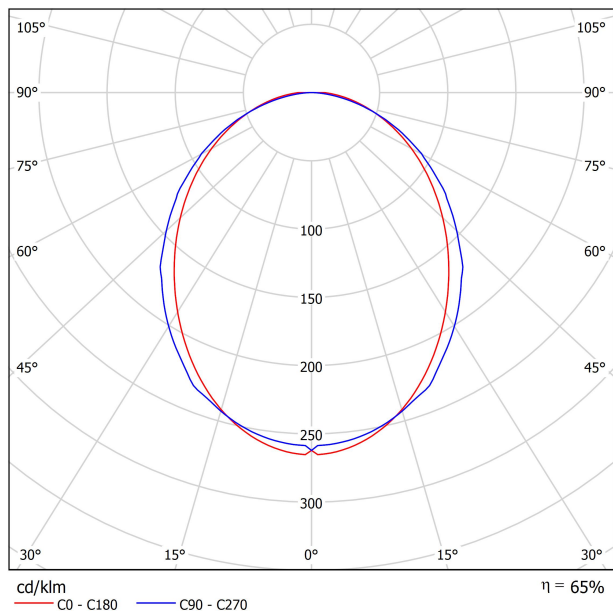
|                             |         |
|-----------------------------|---------|
| Power values of the system  | 23,00 W |
| Dimming                     | DALI    |
| Electrical insulation class | II      |

## OTHER DATA

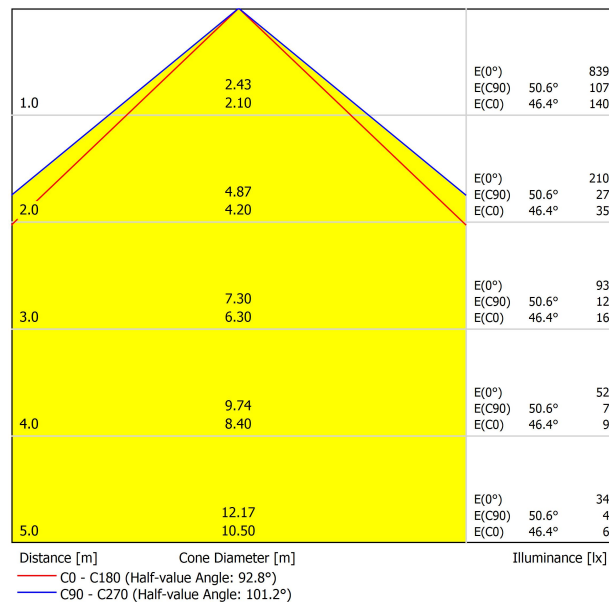
|                      |                           |
|----------------------|---------------------------|
| Sealing              | IP20                      |
| Wireless control     | Please Consult            |
| Track type           | Track 48V                 |
| Weight               | 445 g                     |
| 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                               |                                                                   |                                                   |      |      |      |      |                                            |      |      |      |      |
|-----------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|
|                                                                 |                                                                   | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   |
| p Ceiling                                                       |                                                                   | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   |
| p Walls                                                         |                                                                   | 20                                                | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   |
| p Floor                                                         |                                                                   | 20                                                | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   |
| Room Size<br>X Y                                                |                                                                   | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |
| 2H                                                              | 2H                                                                | 23.7                                              | 25.0 | 24.0 | 25.2 | 25.5 | 24.1                                       | 25.4 | 24.4 | 25.6 | 25.9 |
|                                                                 | 3H                                                                | 25.5                                              | 26.7 | 25.8 | 26.9 | 27.2 | 25.8                                       | 27.0 | 26.2 | 27.3 | 27.5 |
|                                                                 | 4H                                                                | 26.2                                              | 27.3 | 26.6 | 27.6 | 27.9 | 26.5                                       | 27.6 | 26.8 | 27.8 | 28.1 |
|                                                                 | 6H                                                                | 26.9                                              | 27.9 | 27.2 | 28.2 | 28.5 | 26.9                                       | 27.9 | 27.2 | 28.2 | 28.5 |
|                                                                 | 8H                                                                | 27.1                                              | 28.1 | 27.5 | 28.4 | 28.8 | 27.0                                       | 28.0 | 27.4 | 28.3 | 28.7 |
| 4H                                                              | 12H                                                               | 27.4                                              | 28.3 | 27.8 | 28.7 | 29.0 | 27.1                                       | 28.0 | 27.5 | 28.4 | 28.7 |
|                                                                 | 2H                                                                | 24.3                                              | 25.4 | 24.7 | 25.7 | 26.0 | 24.7                                       | 25.8 | 25.0 | 26.0 | 26.3 |
|                                                                 | 3H                                                                | 26.3                                              | 27.3 | 26.7 | 27.6 | 27.9 | 26.6                                       | 27.5 | 27.0 | 27.9 | 28.2 |
|                                                                 | 4H                                                                | 27.2                                              | 28.1 | 27.6 | 28.4 | 28.8 | 27.4                                       | 28.2 | 27.8 | 28.6 | 28.9 |
|                                                                 | 6H                                                                | 28.0                                              | 28.8 | 28.4 | 29.1 | 29.5 | 28.0                                       | 28.7 | 28.4 | 29.1 | 29.5 |
| 8H                                                              | 8H                                                                | 28.4                                              | 29.0 | 28.8 | 29.4 | 29.9 | 28.2                                       | 28.8 | 28.6 | 29.2 | 29.6 |
|                                                                 | 12H                                                               | 28.7                                              | 29.3 | 29.2 | 29.7 | 30.2 | 28.3                                       | 28.9 | 28.7 | 29.3 | 29.7 |
|                                                                 | 4H                                                                | 27.6                                              | 28.3 | 28.0 | 28.6 | 29.1 | 27.7                                       | 28.4 | 28.1 | 28.8 | 29.2 |
|                                                                 | 6H                                                                | 28.5                                              | 29.1 | 29.0 | 29.5 | 30.0 | 28.4                                       | 29.0 | 28.9 | 29.4 | 29.9 |
|                                                                 | 8H                                                                | 29.0                                              | 29.5 | 29.5 | 29.9 | 30.4 | 28.7                                       | 29.2 | 29.2 | 29.7 | 30.2 |
| 12H                                                             | 12H                                                               | 29.5                                              | 29.9 | 30.0 | 30.4 | 30.9 | 29.0                                       | 29.4 | 29.4 | 29.8 | 30.3 |
|                                                                 | 4H                                                                | 27.6                                              | 28.2 | 28.1 | 28.6 | 29.1 | 27.7                                       | 28.4 | 28.2 | 28.8 | 29.2 |
|                                                                 | 6H                                                                | 28.6                                              | 29.1 | 29.1 | 29.6 | 30.0 | 28.6                                       | 29.0 | 29.0 | 29.5 | 30.0 |
|                                                                 | 8H                                                                | 29.2                                              | 29.6 | 29.6 | 30.0 | 30.5 | 28.9                                       | 29.3 | 29.4 | 29.8 | 30.3 |
|                                                                 | 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                                                      |                                                                   | 6.6                                               |      |      |      |      | 6.2                                        |      |      |      |      |
| Summand                                                         |                                                                   |                                                   |      |      |      |      |                                            |      |      |      |      |
| Corrected Glare Indices referring to 3200lm 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  |

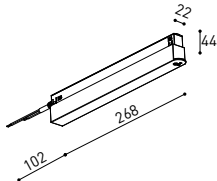
### LED POWER SUPPLY

0434-01-61



### LED POWER SUPPLY

0434-01-69 \*\*



### LED POWER SUPPLY

0434-01-62



### LED POWER SUPPLY

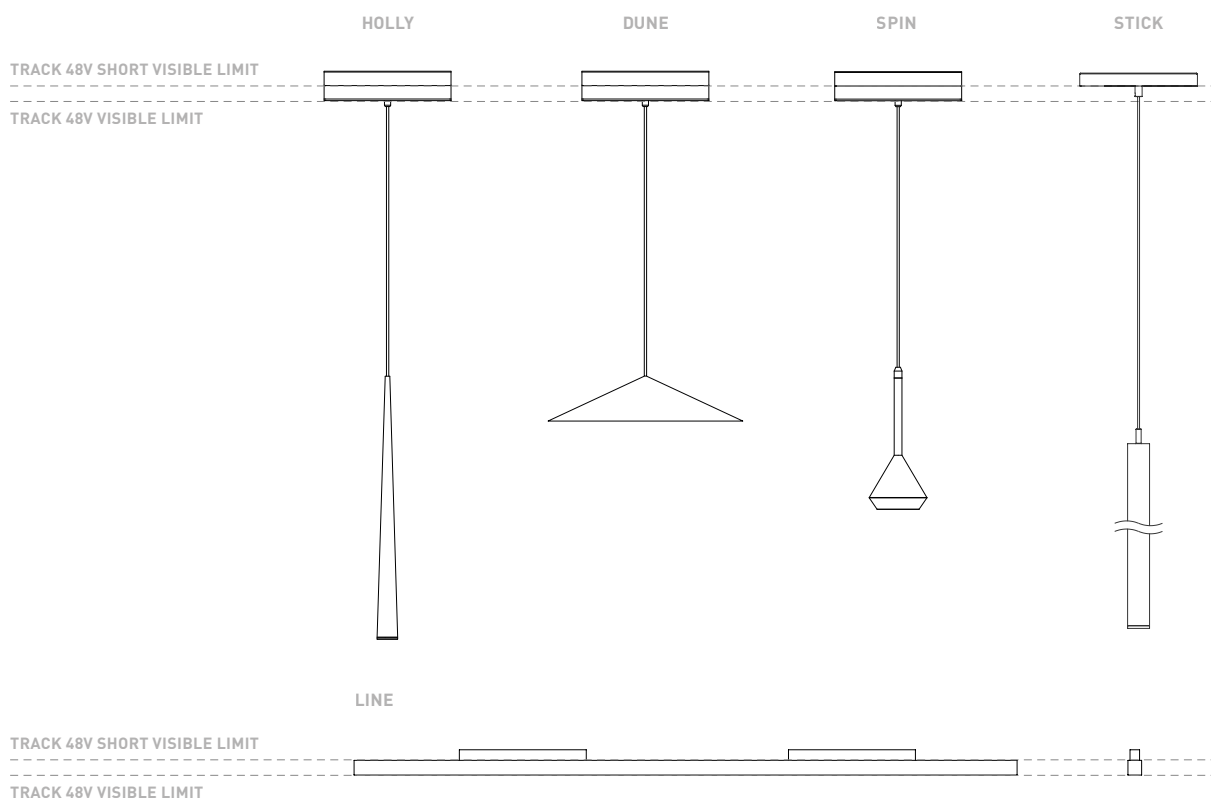
0434-01-80



\*\*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

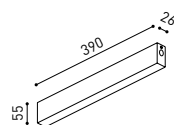
A338-00-18- | NT | WT |



### Short End feed 48V

A338-00-19- | NT | WT |

## SURFACE & SURFACE SHORT 48V



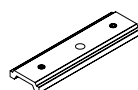
### Power Supply Case 48V

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

220 V ~  
240



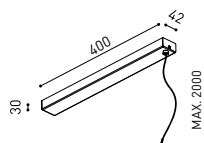
To be installed aside 48V Surface Tracks



### Surface Straight Joiner 48V

A338-00-11

## SUSPENSION & SUSPENSION SHORT 48V



### Wired Power Supply Case 48V

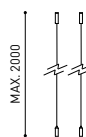
A338-00-25- | NT | WT | 150 W NO DIM

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

220 V ~  
240

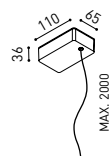


INCL



### 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

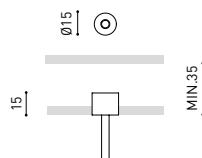
For remote power supply

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



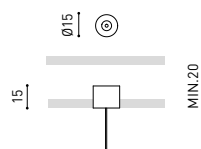
REMOTE



INCL



Ø20



### FASTENING

#### STEEL CABLE TRIMLESS\*

A023-00-05- | W | N |

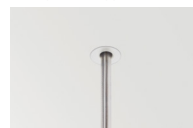


INCL

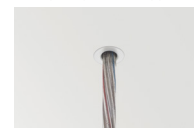


Ø20

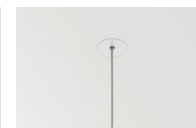
MAINS TRIMLESS



MAINS THICK TRIMLESS



STEEL CABLE TRIMLESS



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

