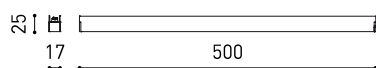




DIMENSIONS



ACCESSORIES



MINIMAL TRACK OPTIONS

AWARDS



reddot winner 2020
innovative product
& lighting design



Bronze Delta
ADI Awards 2020



HONORABLE MENTION
EUROPEAN
PRODUCT
DESIGN
AWARD



WINNER
2020



archiproducts
DESIGN AWARDS
WINNER 2020



PREMIO
ADCV
2022
ORO

PRODUCT

| | |
|-----------|-----------------------------|
| Name | LINE MICRO 500 24V 3000K WT |
| Reference | A3951001WT |
| Color | Textured white |
| RAL | 9016 |
| Category | TRACKLIGHTS |

LIGHT SOURCE

| | |
|------------------------|------------------|
| Type | LED |
| Gross luminous flux | 840 lm |
| Colour temperature | 3000 K |
| Chromatic stability | MacAdam Step 2 |
| Colour Rendering Index | CRI > 90 |
| Power | 5 W |
| Current | 400 mA |
| Efficacy | 168 lm/W |
| LED lifespan | L80B10 > 60.000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|---------------------|------|
| Lighting efficiency | 70% |
| Light beam angle | 113° |

LIGHTING FIXTURE | ELECTRICAL DATA

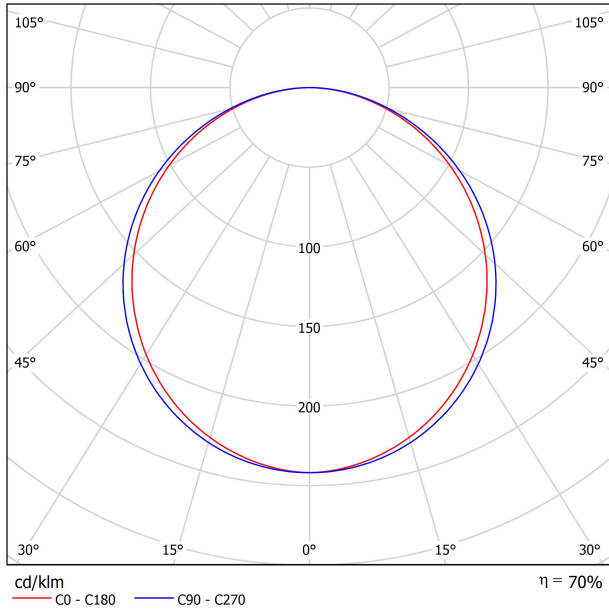
| | |
|-----------------------------|----------|
| Driver | Included |
| Power values of the system | 5,56 W |
| Voltage | 24Vdc |
| Dimming | No Dim |
| Electrical insulation class | II |

OTHER DATA

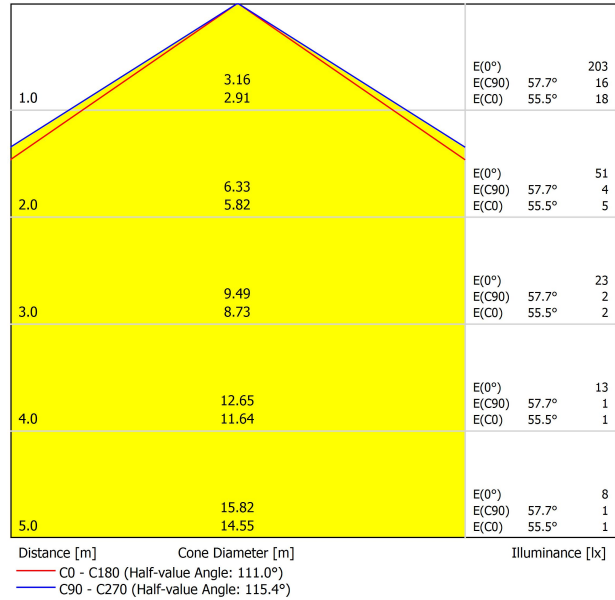
| | |
|----------------------|---------------------------|
| Sealing | IP20 |
| Wireless control | Please Consult |
| Track type | Minimal Track |
| Weight | 175 g |
| Packaged weight | 230 g |
| Packaging dimensions | 515 x 46 x 40 mm |
| Units per package | 1 |
| Materials | Aluminium / Polycarbonate |

Line Micro 24V, is the line-luminary of diffused light for Minimal Track applications. This lighting solution allows Arkoslight's 24V 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 | Viewing direction at right angles to lamp axis | Viewing direction parallel to lamp axis | | | | | | | | | |
| X Y | | | | | | | | | | | |
| 2H | 2H | 23.0 | 24.3 | 23.3 | 24.5 | 24.8 | 23.2 | 24.6 | 23.5 | 24.8 | 25.0 |
| | 3H | 24.8 | 26.0 | 25.1 | 26.3 | 26.6 | 25.1 | 26.3 | 25.4 | 26.6 | 26.9 |
| | 4H | 25.5 | 26.7 | 25.9 | 26.9 | 27.2 | 25.8 | 27.0 | 26.2 | 27.3 | 27.6 |
| | 6H | 26.1 | 27.1 | 26.4 | 27.4 | 27.8 | 26.4 | 27.5 | 26.8 | 27.8 | 28.1 |
| | 8H | 26.3 | 27.3 | 26.6 | 27.6 | 27.9 | 26.6 | 27.6 | 27.0 | 28.0 | 28.3 |
| | 12H | 26.4 | 27.4 | 26.8 | 27.7 | 28.0 | 26.8 | 27.7 | 27.1 | 28.1 | 28.4 |
| 4H | 2H | 23.6 | 24.7 | 23.9 | 25.0 | 25.3 | 23.8 | 24.9 | 24.1 | 25.2 | 25.5 |
| | 3H | 25.6 | 26.6 | 26.0 | 27.0 | 27.3 | 25.9 | 26.9 | 26.3 | 27.2 | 27.5 |
| | 4H | 26.5 | 27.4 | 26.9 | 27.7 | 28.1 | 26.8 | 27.7 | 27.2 | 28.0 | 28.4 |
| | 6H | 27.2 | 28.0 | 27.6 | 28.3 | 28.7 | 27.5 | 28.3 | 27.9 | 28.6 | 29.0 |
| | 8H | 27.5 | 28.2 | 27.9 | 28.6 | 29.0 | 27.8 | 28.5 | 28.2 | 28.9 | 29.3 |
| | 12H | 27.6 | 28.3 | 28.1 | 28.7 | 29.1 | 28.0 | 28.6 | 28.4 | 29.0 | 29.5 |
| 8H | 4H | 26.9 | 27.6 | 27.3 | 28.0 | 28.4 | 27.1 | 27.8 | 27.5 | 28.2 | 28.6 |
| | 6H | 27.7 | 28.3 | 28.2 | 28.7 | 29.2 | 28.0 | 28.5 | 28.4 | 29.0 | 29.4 |
| | 8H | 28.1 | 28.6 | 28.5 | 29.0 | 29.5 | 28.3 | 28.8 | 28.8 | 29.3 | 29.8 |
| | 12H | 28.3 | 28.7 | 28.8 | 29.2 | 29.7 | 28.6 | 29.1 | 29.1 | 29.5 | 30.0 |
| 12H | 4H | 26.9 | 27.5 | 27.3 | 28.0 | 28.4 | 27.1 | 27.8 | 27.6 | 28.2 | 28.6 |
| | 6H | 27.8 | 28.3 | 28.3 | 28.8 | 29.2 | 28.0 | 28.6 | 28.5 | 29.0 | 29.5 |
| | 8H | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 | 28.5 | 28.9 | 28.9 | 29.4 | 29.9 |
| 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 / -0.6 | | | | | +0.3 / -0.6 | | | | |
| Standard table | | BK06 | | | | | BK06 | | | | |
| Correction Summand | | 10.1 | | | | | 10.4 | | | | |
| Corrected Glare Indices referring to 840lm Total Luminous Flux | | | | | | | | | | | |

GUÍA DE INSTALACIÓN



<https://youtu.be/KnedjbKp7oo>



MINIMAL TRACK 24V Profile 2m A384-02-00- | N | WT |



MINIMAL TRACK 24V Rubber Cable n x 1m A384-00-01- | N |

n = Total Length of System.

24V | Max. 4A

MINIMAL TRACK 24V Corner 90° 1 Plane

A384-00-02- | N | WT |

Cable Length = 35mm.



MINIMAL TRACK 24V Corner 90° 1 Plane Rounded

A384-00-03- | N | WT |

Cable Length = 35mm.



MINIMAL TRACK 24V Corner 90° 2 Planes

A384-00-04- | N | WT |

Cable Length = 100mm.



MINIMAL TRACK 24V End Cap

A384-00-05- | N | WT |



MINIMAL TRACK 24V Connection Box

A384-00-06- | N | WT |



| | | | P | V | D [A x B x C] |
|---|--------|-----------------------|------|-----|-----------------|
| MINIMAL TRACK 24V Power Supply Box | ON/OFF | A384-00-07- NT WT | 40W | 24V | 280 x 30 x 24mm |
| | | A384-00-08- NT WT | 100W | 24V | 280 x 30 x 24mm |

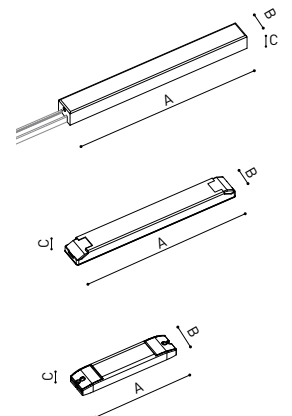
220
240 V~ | Included ON/OFF 24Vdc Power Supply.

| | | | | | |
|--|--------|------------|------|-----|-----------------|
| MINIMAL TRACK 24V Remote Power Supply | ON/OFF | 0434-01-37 | 60W | 24V | 180 x 52 x 30mm |
| | | 0433-10-22 | 100W | 24V | 295 x 43 x 30mm |

220
240 V~

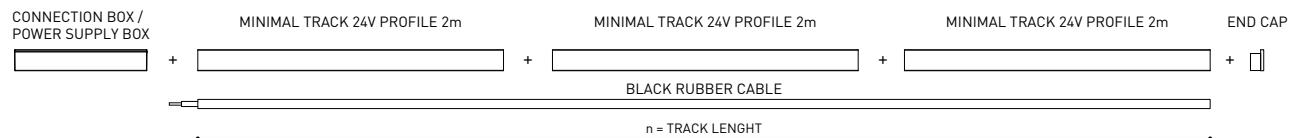
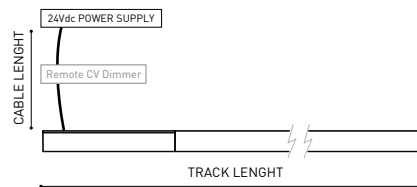
| MINIMAL TRACK 24V Remote Constant Voltage Dimmer | | DALI / Push | 24V | | |
|---|--|-------------|-----------------|--|--|
| | | | 181 x 42 x 20mm | | |
| | | | 0433-01-32 | | |
| | | CASAMBI | 172 x 42 x 20mm | | |
| | | 0433-01-33 | 172 x 42 x 20mm | | |
| | | WIFI | 105 x 44 x 23mm | | |
| | | 0434-01-64 | 105 x 44 x 23mm | | |

24V



DROP VOLTAGE TABLE

| POWER [W] | CABLE SECTION [mm²] | CABLE LENGTH [m] | | | |
|-----------|---------------------|------------------|-----|-----|-----|
| | | <5 | <10 | <20 | <30 |
| 40 | 0,75 | 30 | 30 | 30 | 30 |
| | 1,5 | 30 | 30 | 30 | 30 |
| 60 | 0,75 | 30 | 30 | 20 | 10 |
| | 1,5 | 30 | 30 | 30 | 20 |
| 100 | 0,75 | 20 | 10 | X | X |
| | 1,5 | 20 | 20 | 10 | X |



COLOUR | N ■ | NT ■ | WT □ |

DIM OPTIONS PLEASE CONSULT

INSTALLATION GUIDE
<https://youtu.be/KnedJbKp7oo>





MINIMAL TRACK 24V Suspension

Profile 2m

A384-02-00- | N | WT |

Profile 2m Initial feed kit

A400-02-10- | N | WT |

Profile 2m Middle feed kit*

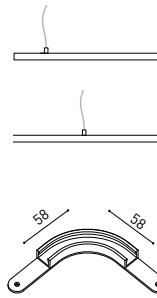
A400-02-20- | N | WT |

* Unidirectional Middle Feed.

MINIMAL TRACK 24V Suspension Corner 90°

A400-00-03- | N | WT |

Cable Length = 85mm.



MINIMAL TRACK 24V Suspension

Rubber Cable n x 1m

A400-00-01- | N |

n = Total Length of System.

24V | Max. 4A

MINIMAL TRACK 24V Suspension Straight Joiner

A400-00-02- | N | WT |

MINIMAL TRACK 24V Suspension Kit

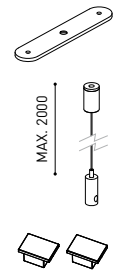
A400-02-04- | N | WT |

Max distance between suspension kits = 100 cm.

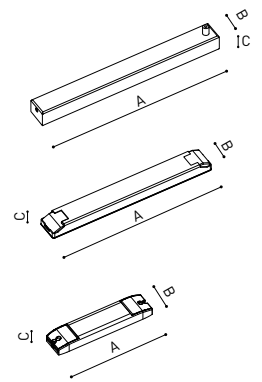
MINIMAL TRACK 24V Suspension End Caps

A400-00-05- | N | WT |

Two End Caps Included.



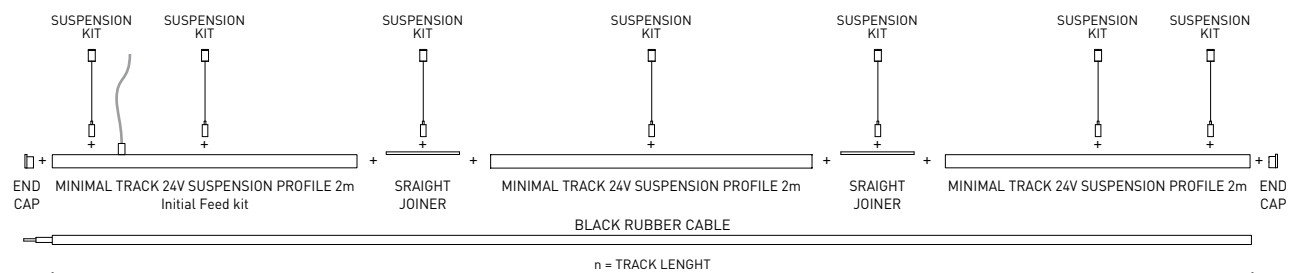
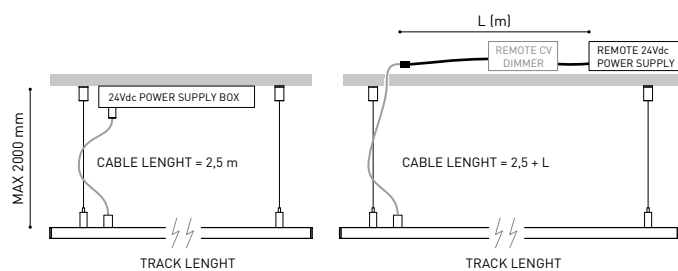
| | | | P | V | D (A x B x C) |
|--|--------|-----------------------|-------------|-----|-----------------|
| MINIMAL TRACK 24V Suspension Power Supply Box | ON/OFF | A400-00-06- NT WT | 40W | 24V | 280 x 30 x 36mm |
| | | A400-00-07- NT WT | 100W | 24V | 280 x 30 x 36mm |
| 220 V~ Included ON/OFF 24Vdc Power Supply. | | | | | |
| MINIMAL TRACK 24V Remote Power Supply | ON/OFF | 0434-01-37 | 60W | 24V | 180 x 52 x 30mm |
| | | 0433-10-22 | 100W | 24V | 295 x 43 x 30mm |
| 220 V~ | | | | | |
| MINIMAL TRACK 24V Remote Constant Voltage Dimmer | | 0433-01-32 | DALI / Push | 24V | 181 x 42 x 20mm |
| | | 0433-01-33 | CASAMBI | 24V | 172 x 42 x 20mm |
| | | 0434-01-64 | WIFI | 24V | 105 x 44 x 23mm |



24V

DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm ²) | CABLE LENGTH (m) | | | |
|-----------|----------------------------------|------------------|-----|-----|-----|
| | | <5 | <10 | <20 | <30 |
| 40 | 0,75 | 30 | 30 | 30 | 30 |
| | 1,5 | 30 | 30 | 30 | 30 |
| 60 | 0,75 | 30 | 30 | 20 | 10 |
| | 1,5 | 30 | 30 | 30 | 20 |
| 100 | 0,75 | 20 | 10 | X | X |
| | 1,5 | 20 | 20 | 10 | X |



COLOUR | N ■ | NT ■ | WT □ |

DIM OPTIONS PLEASE CONSULT



| | |
|------------------|---|
| Model | Coaxial Trimless |
| Reference | A023-00-03- W N |
| Colour | W <input type="checkbox"/> RAL 9016 N <input type="checkbox"/> RAL 9005 |
| Category | Accessories |

PRODUCT

Coaxial Trimless

A023-00-03- | W | N |

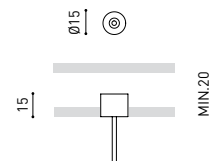
W RAL 9016 | N RAL 9005

Accessories

Fasteners not available



DIMENSIONAL DRAWING



Wire Trimless Accessory is a collection of accessories for fitting tensioners and cables to Arkoslight luminaires suspended directly from the ceiling with any visible ceiling rose or fixings. This achieves a minimalist application with a visually tidy finish.

With Wire Trimless Accessory the items adjacent to the ceiling of the standard product (ceiling roses, fixings, driver boxes, etc.) are concealed by a simple recessed application.

Wire Trimless Accessory reduces the visual impact of the installation leading to extremely minimalist aesthetics. The wires come out of the ceiling material as a part of the structure. This detail creates a much purer, more essential layout, particular when several luminaires are fitted in an arrangement.



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

