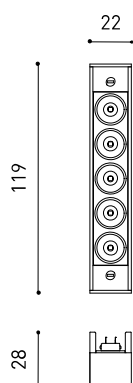




DIMENSIONES



ACCESORIOS



MINIMAL TRACK OPTIONS

PREMIOS



PRODUCTO

| | |
|------------|----------------------------------|
| Nombre | BLACK FOSTER MICRO 24V 5 4000K N |
| Referencia | A4152012N |
| Color | Negro |
| RAL | 9005 |
| Categoría | TRACKLIGHTS |

FUENTE DE LUZ

| | |
|----------------------------------|------------------|
| Tipo | LED |
| Flujo Luminoso | 850 lm |
| Temperatura de color | 4000 K |
| Estabilidad cromática | MacAdam Step 3 |
| Índice de reproducción cromática | CRI > 90 |
| Potencia | 7 W |
| Corriente | 500 mA |
| Eficacia | 121 lm/W |
| Horas de Vida del LED | L90B10 > 60.000h |

LUMINARIA | DATOS FOTOMÉTRICOS

| | |
|-----------------------|-----|
| Eficiencia Lumínica | 87% |
| Ángulo del haz de luz | 37° |

LUMINARIA | DATOS ELÉCTRICOS

| | |
|------------------------------|--------------|
| Driver | Incluido |
| Potencia del sistema | 7,80 W |
| Tensión | 24Vdc |
| Regulación | Opciones DIM |
| Clase de seguridad eléctrica | II |

OTROS DATOS

| | |
|-----------------------|---|
| Estanqueidad | IP20 |
| Control inalámbrico | Consultar |
| Tipo de carril | Minimal Track |
| Peso | 80 g |
| Peso con embalaje | 91 g |
| Dimensiones embalaje | 134 x 37 x 35 mm |
| Unidades por embalaje | 1 |
| Materiales | Aluminio / Acrilonitrilo Butadieno Estireno / Policarbonato |



Black Foster Micro 24V para Minimal Track, el downlight más compacto con efecto «The Invisible Black». Esta luminaria lineal cuenta con un excelente control del haz de luz cuyos rayos no bañan la luminaria y se encauzan directamente al exterior sin tocar la pantalla. Además, su reducido diseño permite insertar módulos en los sistemas con una absoluta integración.

DIAGRAMA POLAR

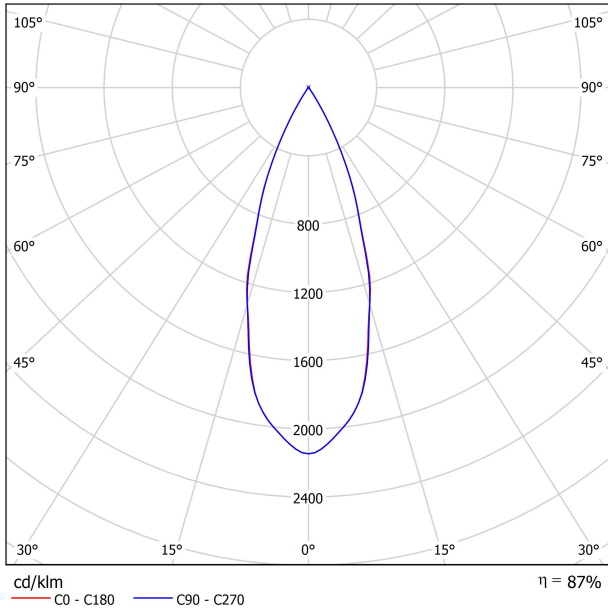
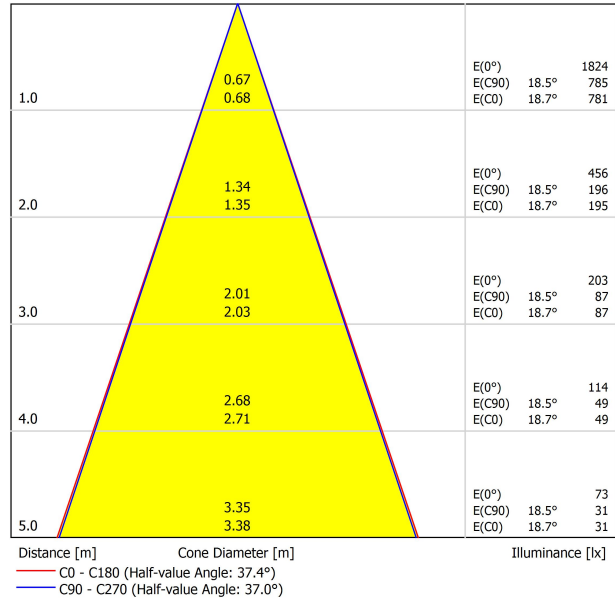


DIAGRAMA CÓNICO



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 | 1.2 | 1.8 | 1.4 | 2.0 | 2.2 | 0.9 | 1.5 | 1.1 | 1.7 | 1.9 | |
| | 3H | 4.5 | 5.1 | 4.8 | 5.3 | 5.5 | 4.3 | 4.8 | 4.5 | 5.1 | 5.3 | |
| | 4H | 6.3 | 6.9 | 6.6 | 7.1 | 7.4 | 6.1 | 6.7 | 6.4 | 6.9 | 7.2 | |
| | 6H | 8.2 | 8.8 | 8.6 | 9.0 | 9.3 | 8.2 | 8.7 | 8.5 | 9.0 | 9.3 | |
| | 8H | 9.5 | 10.0 | 9.8 | 10.2 | 10.5 | 9.4 | 9.8 | 9.7 | 10.1 | 10.4 | |
| 4H | 2H | 2.2 | 2.7 | 2.5 | 3.0 | 3.2 | 1.9 | 2.5 | 2.2 | 2.7 | 3.0 | |
| | 3H | 5.6 | 6.1 | 6.0 | 6.4 | 6.7 | 5.6 | 6.0 | 5.9 | 6.3 | 6.6 | |
| | 4H | 7.7 | 8.1 | 8.0 | 8.4 | 8.7 | 7.5 | 7.9 | 7.9 | 8.2 | 8.6 | |
| | 6H | 9.8 | 10.2 | 10.2 | 10.5 | 10.9 | 9.8 | 10.1 | 10.2 | 10.5 | 10.9 | |
| | 8H | 11.2 | 11.5 | 11.6 | 11.8 | 12.2 | 11.1 | 11.4 | 11.5 | 11.7 | 12.1 | |
| 8H | 2H | 12.7 | 12.9 | 13.1 | 13.3 | 13.7 | 12.6 | 12.9 | 13.0 | 13.3 | 13.7 | |
| | 4H | 8.5 | 8.8 | 8.9 | 9.2 | 9.6 | 8.3 | 8.6 | 8.8 | 9.0 | 9.4 | |
| | 6H | 10.9 | 11.1 | 11.4 | 11.6 | 12.0 | 10.9 | 11.1 | 11.4 | 11.6 | 12.0 | |
| | 8H | 12.4 | 12.6 | 12.9 | 13.0 | 13.5 | 12.4 | 12.5 | 12.8 | 13.0 | 13.4 | |
| | 12H | 14.2 | 14.3 | 14.7 | 14.8 | 15.3 | 14.1 | 14.3 | 14.6 | 14.7 | 15.2 | |
| 12H | 4H | 8.7 | 9.0 | 9.2 | 9.4 | 9.8 | 8.6 | 8.8 | 9.0 | 9.2 | 9.7 | |
| | 6H | 11.3 | 11.4 | 11.7 | 11.9 | 12.4 | 11.3 | 11.4 | 11.7 | 11.9 | 12.4 | |
| | 8H | 12.9 | 13.0 | 13.4 | 13.5 | 14.0 | 12.8 | 13.0 | 13.3 | 13.4 | 13.9 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | | +3.5 | / | -1.3 | | +3.6 | / | -1.3 | | | | |
| S = 1.5H | | +6.0 | / | -1.6 | | +6.0 | / | -1.6 | | | | |
| S = 2.0H | | +8.0 | / | -1.7 | | +8.0 | / | -1.9 | | | | |
| Standard table | | --- | | --- | | --- | | --- | | | | |
| Correction | | --- | | --- | | --- | | --- | | | | |
| Summand | | --- | | --- | | --- | | --- | | | | |
| Corrected Glare Indices referring to 850lm 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 |

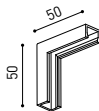
Cable Length = 35mm.



MINIMAL TRACK 24V Corner 90° 2 Planes

A384-00-04- | N | WT |

Cable Length = 100mm.



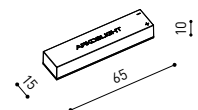
MINIMAL TRACK 24V End Cap

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 |

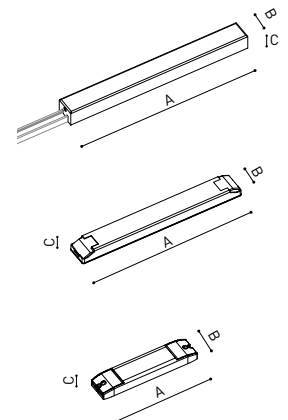
220
240 V~ | Included ON/OFF 24Vdc Power Supply.

| | | | | | |
|--|--------|------------|------|-----|-----------------|
| 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~

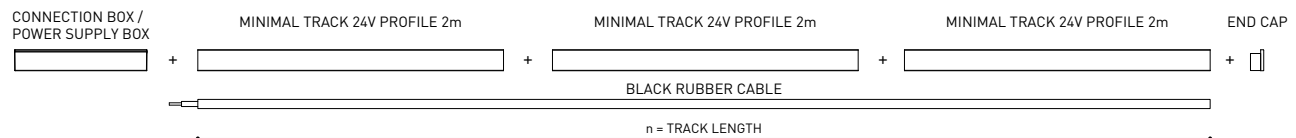
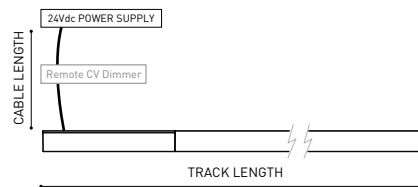
| MINIMAL TRACK 24V Remote Constant Voltage Dimmer | | | | | |
|---|--|------------|-------------|-----|------------------|
| | | 0433-01-32 | DALI / Push | 24V | 181 x 42 x 20mm |
| | | 0433-01-35 | CASAMBI | 24V | 72,6 x 30 x 18mm |
| | | 0434-01-64 | WIFI | 24V | 105 x 44 x 23mm |

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 |

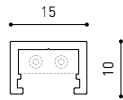
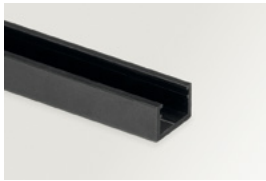


COLOUR | N ■ | NT ■ | WT □ |

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*

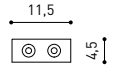
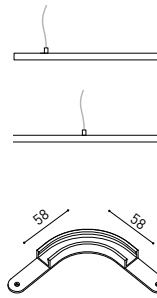
A400-02-20- | N | WT |

* 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

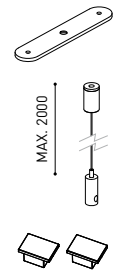
A400-02-04- | N | WT |

Max distance between suspension kits = 100 cm.

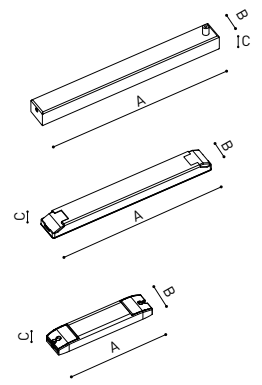
MINIMAL TRACK 24V Suspension End Caps

A400-00-05- | N | WT |

Two End Caps Included.



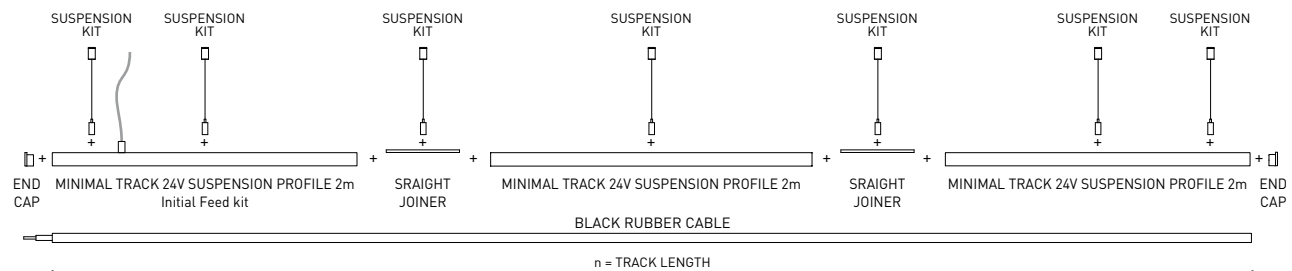
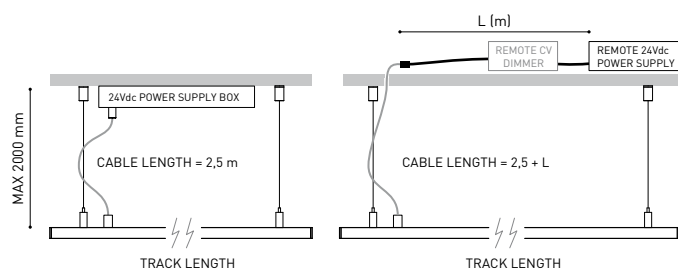
| | | | P | V | D (A x B x C) |
|--|--------|-----------------------|-------------|-----|------------------|
| MINIMAL TRACK 24V Suspension Power Supply Box | ON/OFF | A400-00-06- NT WT | 40W | 24V | 280 x 30 x 36mm |
| | | A400-00-07- NT WT | 100W | 24V | 280 x 30 x 36mm |
| 220 V~ Included ON/OFF 24Vdc 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 |
| | | 0433-01-35 | CASAMBI | 24V | 72,6 x 30 x 18mm |
| | | 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 |



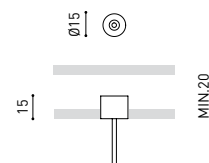
COLOUR | N ■ | NT ■ | WT □ |

DIM OPTIONS PLEASE CONSULT



| PRODUCT | |
|-------------------------|---|
| Model | Coaxial Trimless |
| Reference | A023-00-03- W N |
| Colour | W <input type="checkbox"/> RAL 9016 N <input type="checkbox"/> RAL 9005 |
| Category | Accessories |
| Fasteners not available | |
| |  REMOTE  INCL  Ø20 |

DIMENSIONAL DRAWING



Wire Trimless Accessory es una colección de accesorios que permiten instalar los tensores y cables de las luminarias de suspensión de Arkoslight directamente desde el techo, sin ningún lorón ni anclaje visto. Se logra así una aplicación minimalista y visualmente limpia en el espacio.

Con los Wire Trimless Accessory los elementos adyacentes al techo del producto estándar (florones, anclajes, cajas de driver...) se esconden a través de una simple aplicación de empotramiento.

Wire Trimless Accessory reduce el peso visual de la instalación y genera una estética extremadamente minimalista. Los cables nacen desde el material en el techo como parte de la estructura. Este detalle genera una disposición mucho más pura y esencial, especialmente, en composiciones de varias unidades.



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

