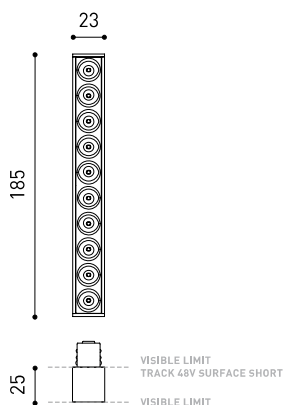




## DIMENSIONES



## ACCESORIOS



TRACK 48V OPTIONS

## PRODUCTO

|            |                                   |
|------------|-----------------------------------|
| Nombre     | BLACK FOSTER MICRO 48V 10 2700K N |
| Referencia | A4165010N                         |
| Color      | Negro Mate                        |
| RAL        | 9005                              |
| Categoría  | TRACKLIGHTS                       |

## FUENTE DE LUZ

|                                  |                  |
|----------------------------------|------------------|
| Tipo                             | LED              |
| Flujo Luminoso                   | 1550 lm          |
| Temperatura de color             | 2700 K           |
| Estabilidad cromática            | MacAdam Step 3   |
| Índice de reproducción cromática | CRI > 90         |
| Potencia                         | 14 W             |
| Corriente                        | 500 mA           |
| Eficacia                         | 111 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         | 14,97 W  |
| Tensión                      | 48Vdc    |
| Regulación                   | No Dim   |
| Clase de seguridad eléctrica | II       |

## OTROS DATOS

|                       |   |
|-----------------------|---|
| Estanqueidad          | IP20  |
| Control inalámbrico   | Consultar   |
| Tipo de carril        | Track 48V   |
| Peso                  | 140 g   |
| Peso con embalaje     | 163 g   |
| Dimensiones embalaje  | 220 x 48 x 49 mm  |
| Unidades por embalaje | 1   |
| Materiales            | Aluminio / Acrilonitrilo Butadieno Estireno / Policarbonato |

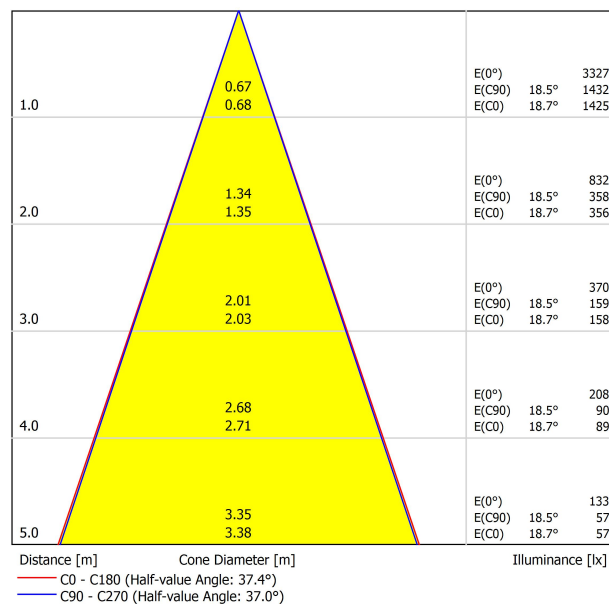


Black Foster Micro para Track 48V, el downlight más compacto con efecto 'The Invisible Black'. Esta luminaria lineal cuenta con un excelente control del haz de luz cuyos rayos no bañan la luminaria y se encauzan directamente al exterior sin tocar la pantalla. Además, su reducido diseño permite insertar módulos en los sistemas con una absoluta integración.

DIAGRAMA POLAR

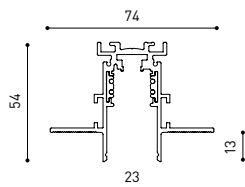


DIAGRAMA CÓNICO



UGR

| Glare Evaluation According to UGR                                |     |   |      |      |      |      |  |      |      |      |      |
|--|-----|---|------|------|------|------|--|------|------|------|------|
| ρ Ceiling  |     | 70  | 70   | 50   | 50   | 30   | 70   | 70   | 50   | 50   | 30   |
| ρ Walls  |     | 50  | 30   | 50   | 30   | 30   | 50   | 30   | 50   | 30   | 30   |
| ρ 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  | 0.9   | 1.5  | 1.1  | 1.7  | 1.9  | 0.5  | 1.2  | 0.8  | 1.4  | 1.6  |
|  | 3H  | 4.2   | 4.8  | 4.5  | 5.0  | 5.2  | 3.9  | 4.5  | 4.2  | 4.7  | 5.0  |
|  | 4H  | 6.0   | 6.6  | 6.3  | 6.8  | 7.1  | 5.8  | 6.3  | 6.1  | 6.6  | 6.8  |
|  | 6H  | 7.9   | 8.4  | 8.2  | 8.7  | 9.0  | 7.9  | 8.4  | 8.2  | 8.7  | 9.0  |
|  | 8H  | 9.2   | 9.6  | 9.5  | 9.9  | 10.2 | 9.0  | 9.5  | 9.4  | 9.8  | 10.1 |
|  | 12H | 10.5  | 11.0 | 10.9 | 11.3 | 11.6 | 10.4                                       | 10.9 | 10.8 | 11.2 | 11.5 |
| 4H   | 2H  | 1.8   | 2.4  | 2.1  | 2.6  | 2.9  | 1.6  | 2.2  | 1.9  | 2.4  | 2.7  |
|  | 3H  | 5.3   | 5.8  | 5.7  | 6.1  | 6.4  | 5.2  | 5.7  | 5.6  | 6.0  | 6.3  |
|  | 4H  | 7.4   | 7.8  | 7.7  | 8.1  | 8.4  | 7.2  | 7.6  | 7.5  | 7.9  | 8.2  |
|  | 6H  | 9.5   | 9.8  | 9.9  | 10.2 | 10.6 | 9.5  | 9.8  | 9.9  | 10.2 | 10.6 |
|  | 8H  | 10.8  | 11.1 | 11.3 | 11.5 | 11.9 | 10.8                                       | 11.0 | 11.2 | 11.4 | 11.8 |
|  | 12H | 12.4  | 12.6 | 12.8 | 13.0 | 13.4 | 12.3                                       | 12.5 | 12.7 | 12.9 | 13.4 |
| 8H   | 4H  | 8.2   | 8.5  | 8.6  | 8.8  | 9.2  | 8.0  | 8.3  | 8.4  | 8.7  | 9.1  |
|  | 6H  | 10.6  | 10.8 | 11.1 | 11.2 | 11.7 | 10.6                                       | 10.8 | 11.1 | 11.2 | 11.7 |
|  | 8H  | 12.1  | 12.3 | 12.6 | 12.7 | 13.2 | 12.0                                       | 12.2 | 12.5 | 12.7 | 13.1 |
|  | 12H | 13.8  | 14.0 | 14.3 | 14.5 | 14.9 | 13.8                                       | 13.9 | 14.3 | 14.4 | 14.9 |
| 12H  | 4H  | 8.4   | 8.7  | 8.8  | 9.1  | 9.5  | 8.3  | 8.5  | 8.7  | 8.9  | 9.3  |
|  | 6H  | 10.9  | 11.1 | 11.4 | 11.6 | 12.0 | 10.9                                       | 11.1 | 11.4 | 11.6 | 12.0 |
|  | 8H  | 12.6  | 12.7 | 13.0 | 13.2 | 13.7 | 12.5                                       | 12.6 | 13.0 | 13.1 | 13.6 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H<br>S = 1.5H<br>S = 2.0H                                 |     | +3.5 / -1.3<br>+6.0 / -1.6<br>+8.0 / -1.7         |      |      |      |      | +3.6 / -1.3<br>+6.0 / -1.6<br>+8.0 / -1.9  |      |      |      |      |
| Standard table   |     | ---   |      |      |      |      | ---  |      |      |      |      |
| Correction   |     | ---   |      |      |      |      | ---  |      |      |      |      |
| Summand  |     | ---   |      |      |      |      | ---  |      |      |      |      |
| Corrected Glare Indices referring to 1550lm Total Luminous Flux  |     |   |      |      |      |      |  |      |      |      |      |



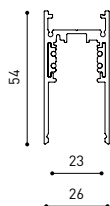
## TRACK 48V TRIMLESS

|  |             |   |    |
|--|-------------|---|----|
| 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 |

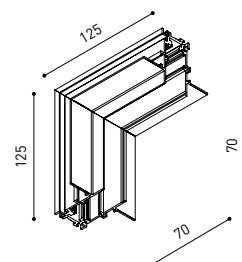


## TRACK 48V TRIMLESS Corner 90° One Plane



\*Electrical connection not included

## TRACK 48V TRIMLESS Corner 90° Two Planes



\*Electrical connection not included

## TRACK 48V SURFACE Corner 90° One Plane



Electrical connection not included  
Straight joiner included



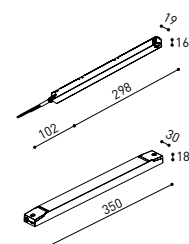
## DROP VOLTAGE TABLE

| DROP VOLTAGE TABLE |                     | CABLE LENGHT (m) |    |    |    |
|--------------------|---------------------|------------------|----|----|----|
|                    |                     | 5                | 10 | 20 | 30 |
| POWER (W)          | CABLE SECTION (mm²) | TRACK LENGHT (m) |    |    |    |
| 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  |

|                                   |                 | P    | V   | D                |
|-----------------------------------|-----------------|------|-----|------------------|
| CONSTANT VOLTAGE LED POWER SUPPLY | 0434-01-61*   N | 100W | 48V | 298 x 16 x 19 mm |
|                                   | 0434-01-62      | 150W | 48V | 350 x 30 x 18 mm |

220 V ~  
240

\*To be installed inside the track.



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

## ALL 48V TRACK



Live-End Connector 48V

A338-00-01- | W | N |



L-JOINT Connector 48V

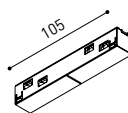
A338-00-12- | W | N |



Corner 90° Connector One Plane 48V

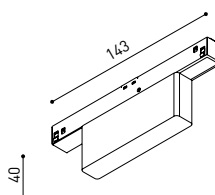
A338-00-24- | W | N |

\*Not suitable for trimless version



Central Connector 48V

A338-00-02- | W | N |



Wireless Control 48V

0434-01-31- | W | N | 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- | WT | N |



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

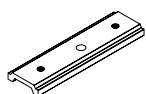
A338-00-06- | WT | NT |



### End feed 48V

A338-00-07- | WT | NT |

## SURFACE, SUSPENSION 48V



### Surface Straight Joiner 48V

A338-00-11

## SURFACE 48V



### TRACK 48V Power Supply Case

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

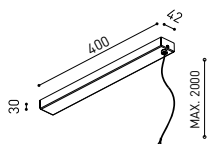
220 V -  
240



INCL

\*To be installed aside 48V Surface Tracks

## SUSPENSION 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

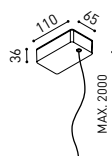


INCL



### Suspension Kit 48V (2 units)

A338-00-15- | WT | NT |



### Suspension Feed Kit 48V

A338-00-16- | W | N | NO DIM

A338-00-17- | W | N | DIM

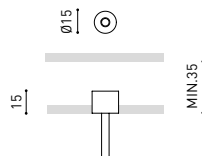
For remote power supply

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

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

For power supply inside the track

## WIRE TRIMLESS ACCESSORIES



### FEED

#### MAINS TRIMLESS\*

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

#### MAINS THICK TRIMLESS\*

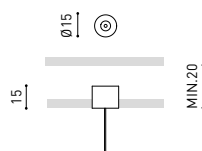
A023-00-02- | W | N | DIM



REMOTE

INCL

Ø20



### FASTENING

#### STEEL CABLE TRIMLESS\*

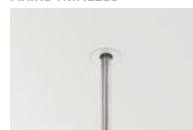
A023-00-05- | W | N |



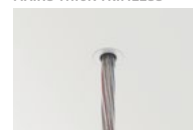
INCL

Ø20

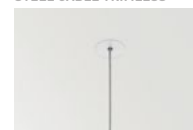
#### MAINS TRIMLESS



#### MAINS THICK TRIMLESS



#### STEEL CABLE TRIMLESS



\* AS MANY PIECES AS NEEDED ACCORDING TO YOUR PRODUCT

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



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

