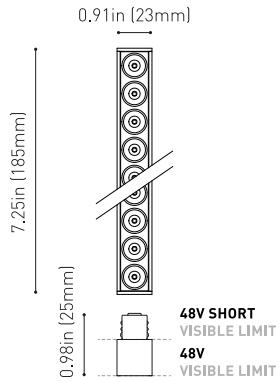




## DIMENSIONS



## ACCESORIES



TRACK 48V OPTIONS

|  |   |
|--|---|
| Reference                                  | U4165012N                                   |
| Color                                      | Matt black                                  |
| Category                                   | TRACKLIGHTS                                 |
| <b>PRODUCT</b>                             |   |
| Type                                       | LED   |
| Gross luminous flux                        | 1700 Lm                                     |
| Color temperature                          | 4000 K                                      |
| Chromatic stability                        | MacAdam Step 3                              |
| Color Rendering Index                      | CRI>90                                      |
| Power                                      | 14 W  |
| Current                                    | 500 mA                                      |
| Efficacy                                   | 121 Lm/W                                    |
| LED lifespan                               | L90B10 >60.000h                             |
| <b>LIGHT SOURCE</b>                        |   |
| Lighting efficiency                        | 87%   |
| Delivered luminous flux                    | 1479 Lm                                     |
| <b>LIGHTING FIXTURE   PHOTOMETRIC DATA</b> |   |
| <b>LIGHTING FIXTURE   ELECTRICAL DATA</b>  |   |
| Driver                                     | Included                                    |
| Power values of the system                 | 15,60 W                                     |
| Dimming                                    | 0-10V                                       |
| <b>OTHER DATA</b>                          |   |
| Environmental location                     | DAMP  |
| Track type                                 | Track 48V                                   |
| Weight                                     | 0.30 lb   140 gr                            |
| Packaged weight                            | 0.36 lb   163.2 gr                          |
| Packaging dimensions                       | 8.66x1.89x1.93 in   220x48x49 mm            |
| Materials                                  | Aluminium / Acrylonitrile Butadiene Styrene |

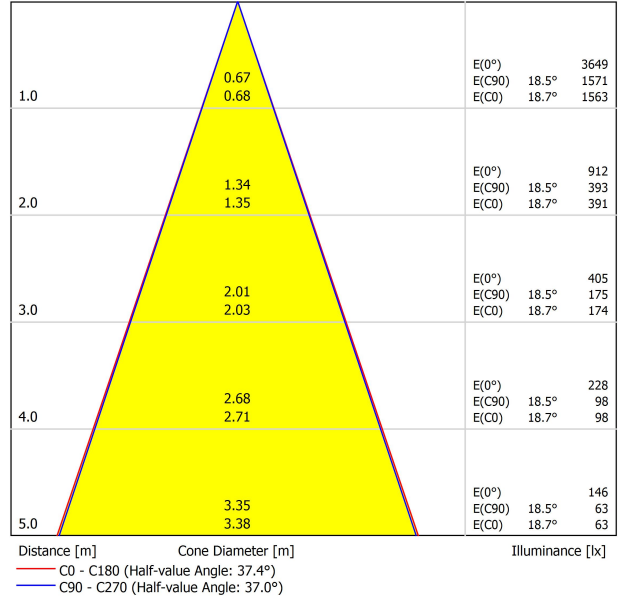


Black Foster Micro for Track 48V, the most compact downlight with "The Invisible Black" effect. This linear luminaire has an excellent control of the light beam whose rays do not bathe the luminaire and are channelled directly to the exterior without touching the screen. Furthermore, its reduced design enables an absolutely perfect installation of the modules into systems.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |             |  |      |      |      |             |   |      |      |      |      |
|--|-------------|--|------|------|------|-------------|---|------|------|------|------|
| ρ Ceiling  | 70          | 70   | 50   | 50   | 30   | 70          | 70                                      | 50   | 50   | 30   | 30   |
| ρ Walls  | 50          | 30   | 50   | 30   | 30   | 50          | 30                                      | 50   | 30   | 30   | 30   |
| ρ 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          | 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 |
|  | 12H         | 10.8   | 11.3 | 11.2 | 11.6 | 11.9        | 10.8                                    | 11.2 | 11.1 | 11.5 | 11.8 |
| 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 |
|  | 12H         | 12.7   | 12.9 | 13.1 | 13.3 | 13.7        | 12.6                                    | 12.9 | 13.0 | 13.3 | 13.7 |
| 8H   | 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 1700lm Total Luminous Flux  |             |  |      |      |      |             |   |      |      |      |      |



TRACK 48V TRIMLESS UL

|   |             |   |    |
|---|-------------|---|----|
| TRACK 48V TRIMLESS 3.28ft (1m) UL           | U338-01-00- | N | WT |
| TRACK 48V TRIMLESS 6.56ft (2m) UL           | U338-02-00- | N | WT |
| TRACK 48V TRIMLESS Corner 90° One Plane UL  | U338-06-00- | N | WT |
| TRACK 48V TRIMLESS Corner 90° Two Planes UL | U338-07-00- | N | WT |

PLASTERBOARD CEILING MANDATORY THICKNESS 0.50in (12.5mm)  
RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING

TRACK 48V TRIMLESS  
Corner 90° One Plane UL



\*Electrical connection not included

TRACK 48V TRIMLESS  
Corner 90° Two Planes UL



\*Electrical connection not included

TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/SVWNEfblfVY>



TRACK 48V SURFACE UL

|   |             |    |    |
|---|-------------|----|----|
| TRACK 48V SURFACE 3.28ft (1m) UL          | U338-11-00- | NT | WT |
| TRACK 48V SURFACE 6.56ft (2m) UL          | U338-12-00- | NT | WT |
| TRACK 48V SURFACE Corner 90° One Plane UL | U338-14-00- | NT | WT |

TRACK 48V SURFACE  
Corner 90° One Plane UL



\*Electrical connection not included



TRACK 48V SURFACE SHORT UL

|   |             |    |    |
|---|-------------|----|----|
| TRACK 48V SURFACE SHORT 3.28ft (1m) UL          | U338-21-00- | NT | WT |
| TRACK 48V SURFACE SHORT 6.56ft (2m) UL          | U338-22-00- | NT | WT |
| TRACK 48V SURFACE SHORT Corner 90° One Plane UL | U338-24-00- | NT | WT |

TRACK 48V SURFACE SHORT  
Corner 90° One Plane UL



\*Electrical connection not included



|  |                   | P   | V   | D   |
|--|-------------------|-----|-----|---|
| <b>CONSTANT VOLTAGE LED POWER SUPPLY</b> | <b>U100-00-78</b> | 96W | 48V | 8.16 x 2.97 x 1.30 in<br>207 x 75.4 x 33 mm |

120 & 277 V | 50/60 Hz

UL DROP VOLTAGE TABLE

| POWER | CABLE SECTION | CABLE LENGTH  |                |                |                |
|-------|---------------|---------------|----------------|----------------|----------------|
|       |               | 16.40ft<br>5m | 32.80ft<br>10m | 65.62ft<br>20m | 98.43ft<br>30m |
| 96W   | AWG 16        | 164ft         | 164ft          | 131.32ft       | 82ft           |
|       |               | 50m           | 50m            | 40m            | 25m            |

ALL 48V TRACK UL



**Live-End Connector 48V UL**  
U338-00-01- | N | W |



**L-JOINT Connector 48V UL**  
U338-00-12- | N | W |



**Corner 90° Connector One Plane 48V UL**  
U338-00-24- | N | W |

\*Not suitable for trimless version



**Central Connector 48V UL**  
U338-00-02- | N | W |



**Wireless Control 48V UL**  
U434-01-31- | N | W |  
Casambi/AAG Stucchi App



**Cover Gap 3,28 ft (1m) 48V UL**  
U338-00-30- | N |

TRIMLESS 48V UL



**Trimless T-Bracket 48V UL**  
U338-00-03



**Clamp for M6 ROD UL**  
U338-00-09  
\*See accessories quantities



**Trimless Long T-Bracket 48V UL**  
U338-00-04



**Track Clamp UL**  
U338-00-10  
\*See accessories quantities



**Trimless Straight Joiners 48V (2 units) UL**  
U338-00-05- | N | WT |



**Suspension Kit UL**  
U338-00-08  
\*See accessories quantities



**Trimless Plaster Installation Guard 3.28ft (1m) 48V UL**  
U338-00-21

**\* SUGGESTED MOUNTING ACCESSORIES QUANTITIES**

- 3.28ft (1000mm) - 2 Pcs.
- 6.56ft (2000mm) - 3 Pcs.
- 9.84ft (3000mm) - 4 Pcs.

SURFACE, SUSPENSION , SURFACE SHORT & SUSPENSION SHORT 48V UL



**Surface Straight Joiner 48V UL**  
U338-00-11

TRIMLESS, SURFACE & SUSPENSION 48V UL



End 48V UL

U338-00-06- | NT | WT |



End feed 48V UL

U338-00-07- | NT | WT |

SURFACE SHORT & SUSPENSION SHORT 48V UL



Short End 48V UL

U338-00-18- | NT | WT |



Short End feed 48V UL

U338-00-19- | NT | WT |

SUSPENSION & SUSPENSION SHORT 48V UL



Suspension Kit 48V [2 units] UL

U338-00-15- | NT | WT |



Suspension feed Kit 48V UL

U338-00-17- | N | W |



DIM

\*For remote power supply