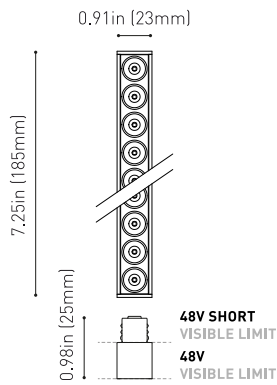




## DIMENSIONS



## ACCESORIES



TRACK 48V OPTIONS

Reference

U4165011N

Color

Matt black

Category

TRACKLIGHTS

Type

LED

Gross luminous flux

1600 Lm

Color temperature

3000 K

Chromatic stability

MacAdam Step 3

Color Rendering Index

CRI>90

Power

14 W

Current

500 mA

Efficacy

114 Lm/W

LED lifespan

L90B10 >60.000h

Lighting efficiency

0,87

Delivered luminous flux

0 Lm

Driver

Included

Power values of the system

15,60 W

Dimming

0-10V

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

## OTHER DATA

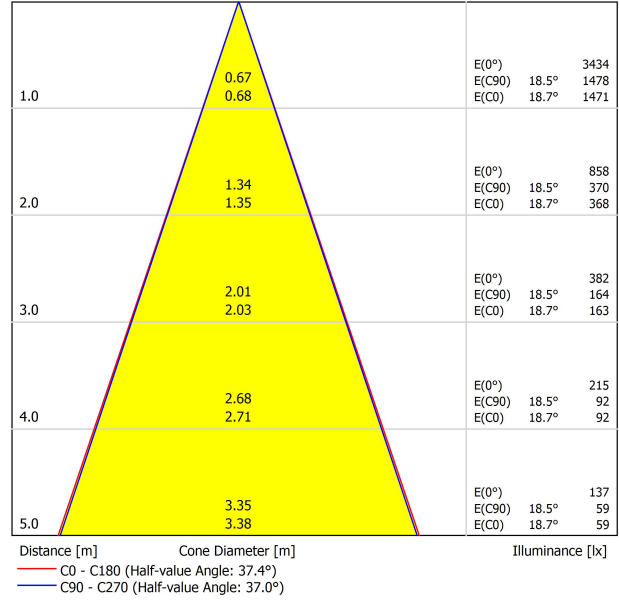


Black Foster Micro for Track 48V, the most compact downlight with "The Invisible Black" effect. This linear luminaire has an excellent control of the light beam whose rays do not bathe the luminaire and are channelled directly to the exterior without touching the screen. Furthermore, its reduced design 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          | 1.0  | 1.6  | 1.2  | 1.8  | 2.0         | 0.6                                     | 1.3  | 0.9  | 1.5  | 1.7  |
|  | 3H          | 4.3  | 4.9  | 4.6  | 5.1  | 5.3         | 4.0                                     | 4.6  | 4.3  | 4.9  | 5.1  |
|  | 4H          | 6.1  | 6.7  | 6.4  | 6.9  | 7.2         | 5.9                                     | 6.5  | 6.2  | 6.7  | 7.0  |
|  | 6H          | 8.0  | 8.5  | 8.4  | 8.8  | 9.1         | 8.0                                     | 8.5  | 8.3  | 8.8  | 9.1  |
|  | 8H          | 9.3  | 9.7  | 9.6  | 10.0 | 10.3        | 9.1                                     | 9.6  | 9.5  | 9.9  | 10.2 |
|  | 12H         | 10.6   | 11.1 | 11.0 | 11.4 | 11.7        | 10.6                                    | 11.0 | 10.9 | 11.3 | 11.6 |
| 4H   | 2H          | 2.0  | 2.5  | 2.3  | 2.8  | 3.0         | 1.7                                     | 2.3  | 2.0  | 2.5  | 2.8  |
|  | 3H          | 5.4  | 5.9  | 5.8  | 6.2  | 6.5         | 5.3                                     | 5.8  | 5.7  | 6.1  | 6.4  |
|  | 4H          | 7.5  | 7.9  | 7.8  | 8.2  | 8.5         | 7.3                                     | 7.7  | 7.6  | 8.0  | 8.3  |
|  | 6H          | 9.6  | 9.9  | 10.0 | 10.3 | 10.7        | 9.6                                     | 9.9  | 10.0 | 10.3 | 10.7 |
|  | 8H          | 11.0   | 11.2 | 11.4 | 11.6 | 12.0        | 10.9                                    | 11.2 | 11.3 | 11.5 | 11.9 |
|  | 12H         | 12.5   | 12.7 | 12.9 | 13.1 | 13.5        | 12.4                                    | 12.6 | 12.8 | 13.0 | 13.5 |
| 8H   | 4H          | 8.3  | 8.6  | 8.7  | 9.0  | 9.4         | 8.1                                     | 8.4  | 8.5  | 8.8  | 9.2  |
|  | 6H          | 10.7   | 10.9 | 11.2 | 11.4 | 11.8        | 10.7                                    | 10.9 | 11.2 | 11.4 | 11.8 |
|  | 8H          | 12.2   | 12.4 | 12.7 | 12.8 | 13.3        | 12.2                                    | 12.3 | 12.6 | 12.8 | 13.2 |
|  | 12H         | 14.0   | 14.1 | 14.4 | 14.6 | 15.1        | 13.9                                    | 14.0 | 14.4 | 14.5 | 15.0 |
| 12H  | 4H          | 8.5  | 8.8  | 9.0  | 9.2  | 9.6         | 8.4                                     | 8.6  | 8.8  | 9.0  | 9.5  |
|  | 6H          | 11.1   | 11.2 | 11.5 | 11.7 | 12.1        | 11.1                                    | 11.2 | 11.5 | 11.7 | 12.1 |
|  | 8H          | 12.7   | 12.8 | 13.2 | 13.3 | 13.8        | 12.6                                    | 12.8 | 13.1 | 13.2 | 13.7 |
| 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 1600lm 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



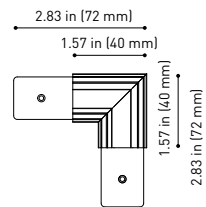
\*Electrical connection not included



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

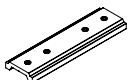


Trimless Plaster Installation Guard  
3.28ft (1m) 48V UL  
U338-00-21

\* 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 |



\*For remote power supply