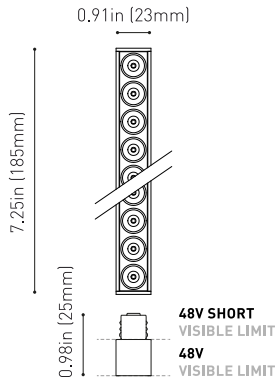




## DIMENSIONS



## ACCESORIES



TRACK 48V OPTIONS

### Reference

U4165022N

### Color

Matt black

### Category

TRACKLIGHTS

### 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

### Lighting efficiency

87%

### Delivered luminous flux

1479 Lm

### Driver

Included

### Power values of the system

15,60 W

### Dimming

DALI

### 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

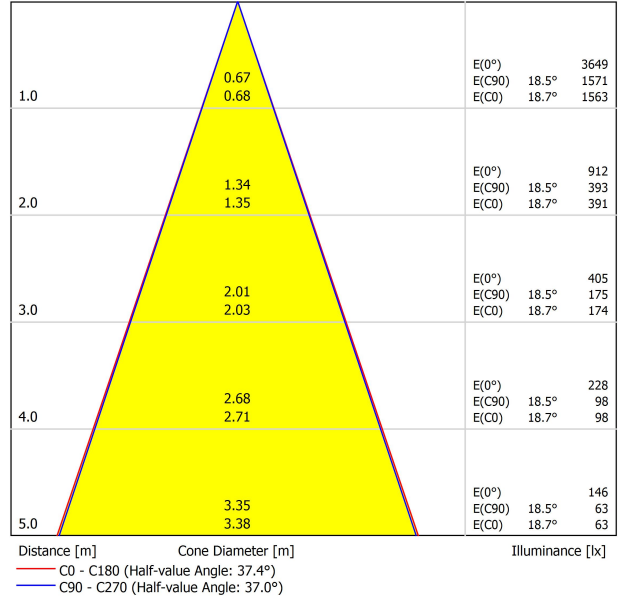


Black Foster Micro for Track 48V, the most compact downlight with "The Invisible Black" effect. This linear luminaire has an excellent control of the light beam whose rays do not bathe the luminaire and are channelled directly to the exterior without touching the screen. Furthermore, its reduced design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

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
$\rho$ Ceiling	70	70	50	50	30	70	70	50	50	30	
$\rho$ Walls	50	30	50	30	30	50	30	50	30	30	
$\rho$ 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
	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 207 x 75.4 x 33 mm

120 & 277 V | 50/60 Hz

UL DROP VOLTAGE TABLE

POWER	CABLE SECTION	CABLE LENGTH			
		16.40ft 5m	32.80ft 10m	65.62ft 20m	98.43ft 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