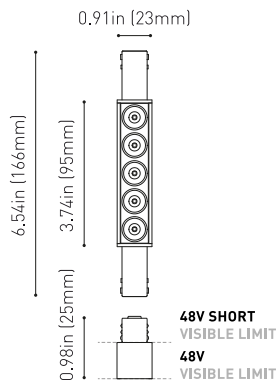




## DIMENSIONS



## ACCESSORIES



TRACK 48V OPTIONS

Name	BLACK FOSTER MICRO 48V 5 UL DIM DALI 2700K N
Reference	U4162020N
Color	Matt black
Category	TRACKLIGHTS

## PRODUCT

Type	LED
Gross luminous flux	775 Lm
Color temperature	2700 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	7 W
Current	500 mA
Efficacy	111 Lm/W
LED lifespan	L90B10 >60.000h

## LIGHT SOURCE

Lighting efficiency	87%
Delivered luminous flux	674 Lm

## LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included
Power values of the system	8,40 W
Dimming	DALI

## LIGHTING FIXTURE | ELECTRICAL DATA

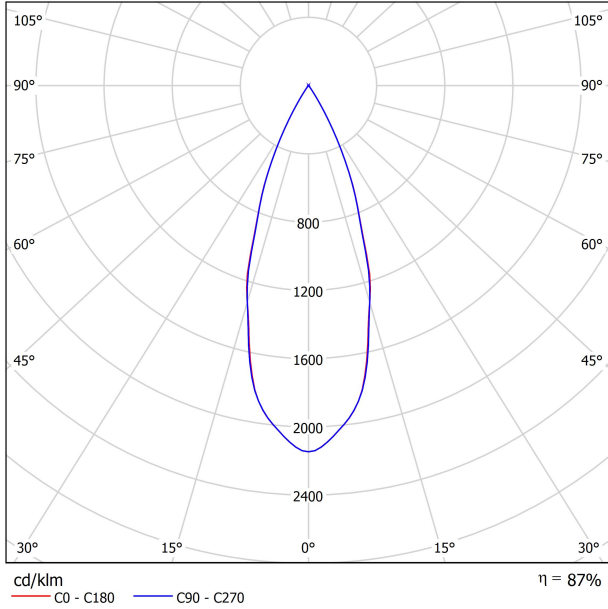
Environmental location	DAMP
Track type	Track 48V
Weight	0.19 lb   90 gr
Packaged weight	0.25 lb   113.2 gr
Packaging dimensions	8.66x1.89x1.93 in   220x48x49 mm
Materials	Aluminium / Acrylonitrile Butadiene Styrene

## OTHER DATA

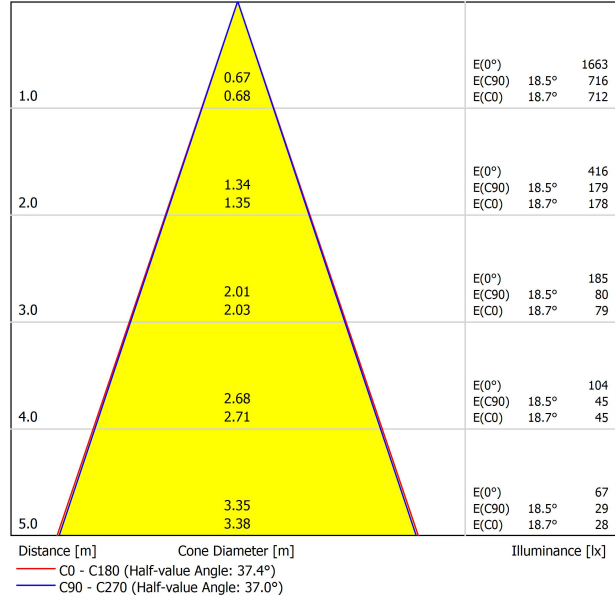


Black Foster Micro for Track 48V, the most compact downlight with "The Invisible Black" effect. This linear luminaire has an excellent control of the light beam whose rays do not bathe the luminaire and are channelled directly to the exterior without touching the screen. Furthermore, its reduced design 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
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 X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel 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
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
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
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
12H		14.4	14.5	14.8	15.0	15.4	14.4	14.5	14.8	14.9	15.4
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 775lm Total Luminous Flux											

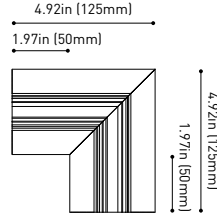


TRACK 48V TRIMLESS UL

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 |

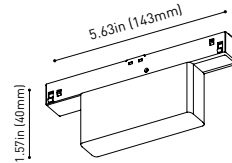


Corner 90° Connector One Plane 48V UL  
U338-00-24- | N | W |

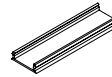
\*Not suitable for trimless version



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