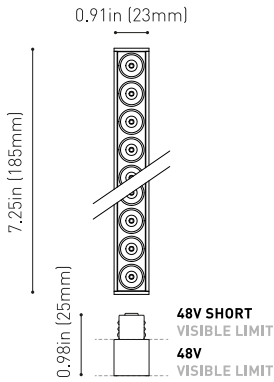




DIMENSIONS



ACCESSORIES



TRACK 48V OPTIONS

PRODUCT

Name	BLACK FOSTER MICRO 48V 10 UL DIM DALI 3500K N
Reference	U4165023N
Color	Matt black
Category	TRACKLIGHTS

LIGHT SOURCE

Type	LED
Gross luminous flux	1650 Lm
Color temperature	3500 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	14 W
Efficacy	114 Lm/W
LED lifespan	L90B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	87%
Delivered luminous flux	1436 Lm

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	15,60 W
Dimming	DALI

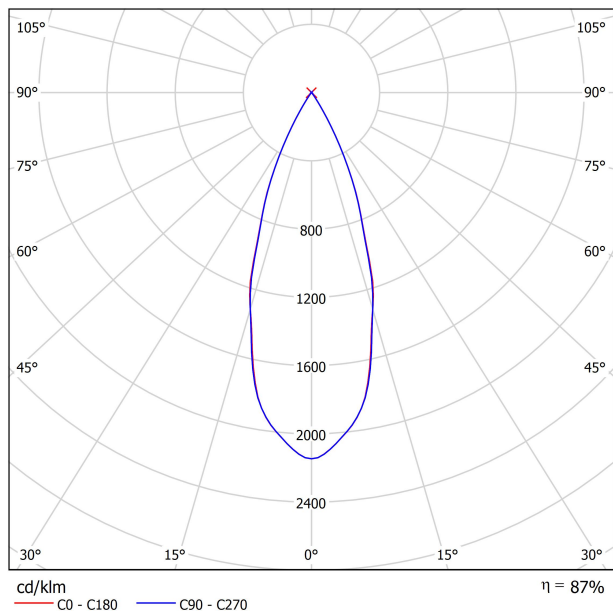
OTHER DATA

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

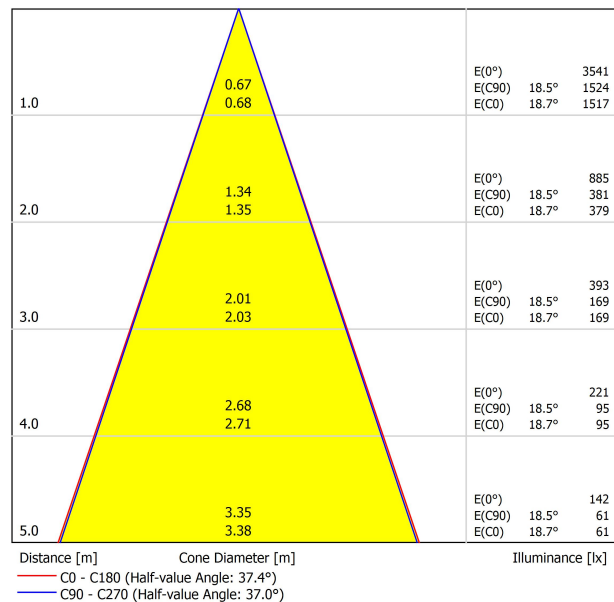


Black Foster Micro for Track 48V, the most compact downlight with "The Invisible Black" effect. This linear luminaire has an excellent control of the light beam whose rays do not bathe the luminaire and are channelled directly to the exterior without touching the screen. Furthermore, its reduced design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

POLAR DIAGRAM



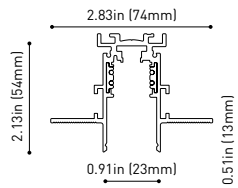
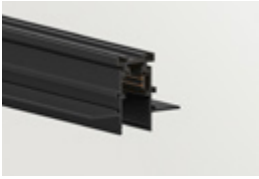
CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	50	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	11.8	12.4	12.0	12.6	12.8	11.8	12.5	12.1	12.7	12.9
	3H	11.9	12.4	12.1	12.7	12.9	11.9	12.5	12.2	12.7	13.0
	4H	12.1	12.6	12.4	12.9	13.1	12.1	12.7	12.4	12.9	13.2
	6H	12.5	13.0	12.8	13.2	13.5	12.5	13.0	12.8	13.3	13.6
	8H	12.8	13.3	13.2	13.6	13.9	12.9	13.3	13.2	13.6	13.9
4H	12H	13.4	13.8	13.7	14.1	14.4	13.4	13.9	13.7	14.2	14.5
	2H	11.6	12.2	11.9	12.4	12.7	11.7	12.2	12.0	12.5	12.8
	3H	11.9	12.3	12.2	12.6	12.9	11.9	12.4	12.3	12.7	13.0
	4H	12.2	12.6	12.6	13.0	13.3	12.3	12.6	12.6	13.0	13.3
	6H	12.9	13.2	13.3	13.6	13.9	13.0	13.3	13.4	13.6	14.0
8H	8H	13.5	13.7	13.9	14.1	14.5	13.5	13.8	13.9	14.1	14.5
	12H	14.3	14.5	14.7	14.9	15.4	14.3	14.5	14.7	14.9	15.4
	4H	12.4	12.7	12.8	13.1	13.5	12.4	12.7	12.8	13.1	13.5
	6H	13.3	13.5	13.8	13.9	14.4	13.4	13.6	13.8	14.0	14.4
	8H	14.1	14.3	14.6	14.7	15.2	14.1	14.3	14.6	14.7	15.2
12H	12H	15.2	15.4	15.7	15.8	16.3	15.2	15.4	15.7	15.8	16.3
	4H	12.4	12.7	12.9	13.1	13.5	12.5	12.7	12.9	13.1	13.5
	6H	13.5	13.6	13.9	14.1	14.5	13.5	13.7	14.0	14.1	14.6
	8H	14.4	14.5	14.8	15.0	15.5	14.4	14.5	14.9	15.0	15.5
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 1650lm Total Luminous Flux											

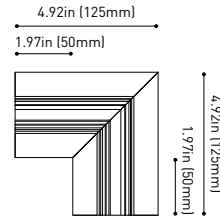
TRACK 48V UL



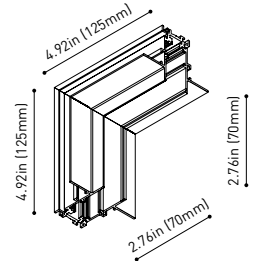
TRACK 48V TRIMLESS UL

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

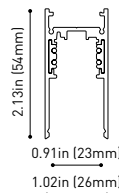
TRACK 48V TRIMLESS
Corner 90° One Plane UL

*Electrical connection not included

TRACK 48V TRIMLESS
Corner 90° Two Planes UL

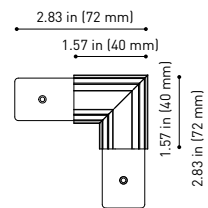
*Electrical connection not included

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

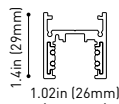


TRACK 48V SURFACE UL

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

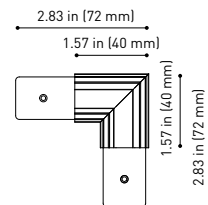
TRACK 48V SURFACE
Corner 90° One Plane UL

*Electrical connection not included

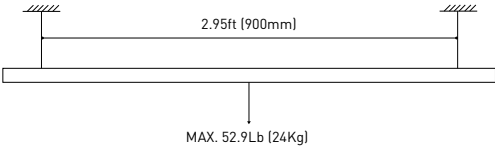


TRACK 48V SURFACE SHORT UL

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



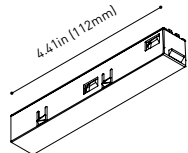
		P	V	D
CONSTANT VOLTAGE LED POWER SUPPLY	U100-00-78	96W	48V	8.16 x 2.97 x 1.30 in 207 x 75.4 x 33 mm

120 & 277 V | 50/60 Hz

UL DROP VOLTAGE TABLE

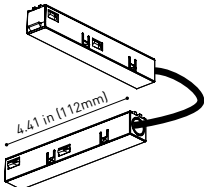
		CABLE LENGHT			
		16.40ft 5m	32.80ft 10m	65.62ft 20m	98.43ft 30m
POWER	CABLE SECTION	TRACK LENGHT			
96W	AWG16	164ft 50m	164ft 50m	131.32ft 40m	82ft 25m

ALL 48V TRACK UL



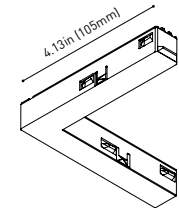
Live-End Connector 48V UL

U338-00-01- | N | W |



L-JOINT Connector 48V UL

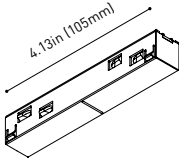
U338-00-12- | N | W |



Corner 90° Connector One Plane 48V UL

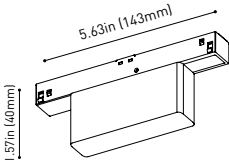
U338-00-24- | N | W |

*Not suitable for trimless version



Central Connector 48V UL

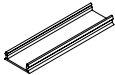
U338-00-02- | N | W |



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

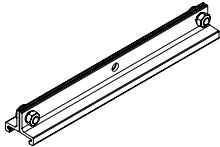
U338-00-03



Clamp for M6 ROD UL

U338-00-09

*See accessories quantities



Trimless Long T-Bracket 48V UL

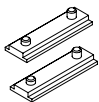
U338-00-04



Track Clamp UL

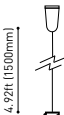
U338-00-10

*See accessories quantities



Trimless Straight Joiners 48V (2 units) UL

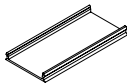
U338-00-05- | N | WT |



Suspension Kit UL

U338-00-08

*See accessories quantities



Trimless Plaster Installation Guard
3.28ft (1m) 48V UL

U338-00-21

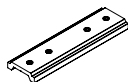
* SUGGESTED MOUNTING ACCESSORIES QUANTITIES

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

COLOUR | N ■ | W □ | WT □ |

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

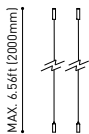
U338-00-18- | NT | WT |



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