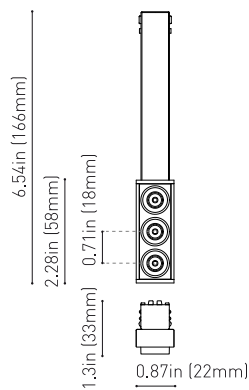




DIMENSIONS



ACCESSORIES



PRODUCT

Name	BLACK FOSTER MICRO CUSTOM MODULE 3 UL DIM DALI 3500K N
Reference	U4511023N
Color	Matt black
Category	CUSTOM SYSTEMS

LIGHT SOURCE

Type	LED
Gross luminous flux	495 Lm
Color temperature	3500 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	4.2 W
Efficacy	118 Lm/W
LED lifespan	L90B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	87%
Delivered luminous flux	431 Lm
Light beam angle	37°

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	5,30 W
Dimming	DALI

OTHER DATA

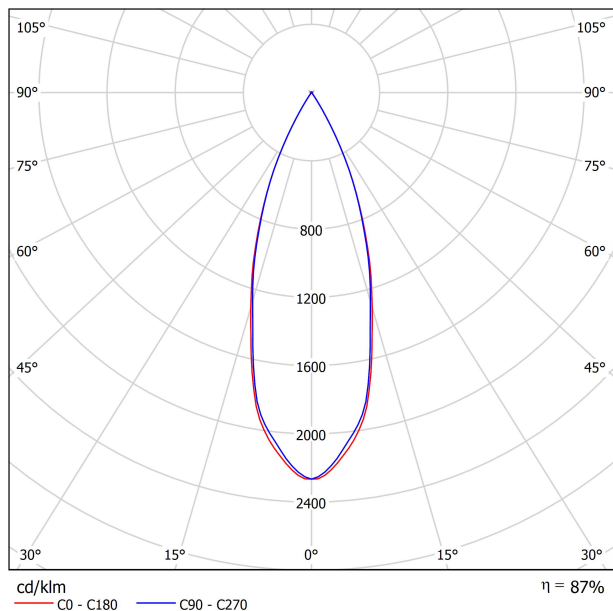
Environmental location	DAMP
Track type	Black Foster Micro Surface Track
Weight	0.18 lb 85 gr
Packaged weight	0.24 lb 110 gr
Packaging dimensions	8.66x1.89x1.93 in 220x48x49 mm
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate



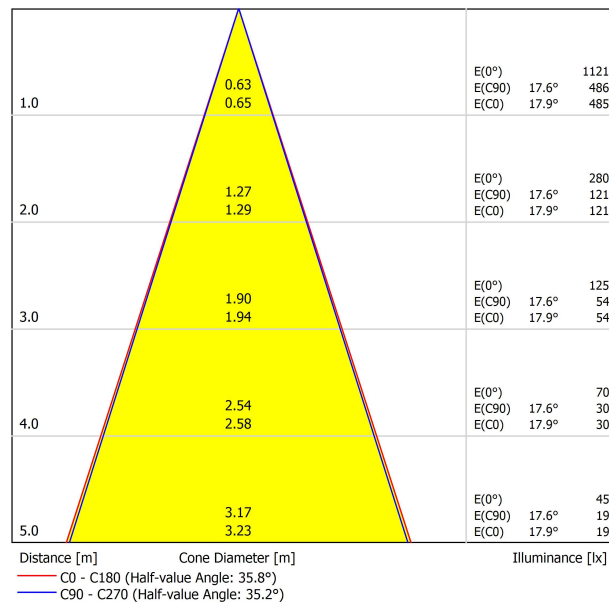
Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro is designed for general or accent lighting and can be used in projects that seek ceiling lighting that plays a minimal role.



POLAR DIAGRAM



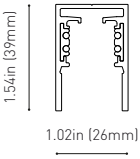
CONICAL DIAGRAM



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	9.9	10.6	10.2	10.7	10.9	9.8	10.4	10.0	10.6	10.8
	3H	9.9	10.5	10.2	10.7	10.9	9.7	10.3	10.0	10.6	10.8
	4H	10.0	10.5	10.3	10.8	11.0	9.8	10.3	10.1	10.6	10.8
	6H	10.2	10.7	10.6	11.0	11.3	9.9	10.4	10.3	10.7	11.0
	8H	10.4	10.9	10.7	11.2	11.5	10.1	10.6	10.4	10.9	11.2
	12H	10.7	11.2	11.1	11.5	11.8	10.4	10.8	10.7	11.1	11.4
4H	2H	9.7	10.3	10.0	10.5	10.8	9.6	10.2	9.9	10.4	10.7
	3H	9.8	10.2	10.1	10.5	10.8	9.6	10.1	10.0	10.4	10.7
	4H	9.9	10.3	10.3	10.7	11.0	9.7	10.1	10.1	10.5	10.8
	6H	10.4	10.7	10.8	11.1	11.5	10.1	10.4	10.5	10.7	11.1
	8H	10.7	11.0	11.1	11.4	11.8	10.3	10.6	10.7	11.0	11.4
	12H	11.3	11.5	11.7	11.9	12.3	10.8	11.1	11.3	11.5	11.9
8H	4H	10.0	10.3	10.4	10.6	11.0	9.8	10.1	10.2	10.4	10.8
	6H	10.6	10.8	11.0	11.2	11.7	10.3	10.5	10.7	10.9	11.3
	8H	11.1	11.2	11.5	11.7	12.2	10.7	10.9	11.1	11.3	11.8
	12H	11.9	12.0	12.4	12.5	13.0	11.4	11.6	11.9	12.0	12.5
12H	4H	10.0	10.2	10.4	10.6	11.0	9.8	10.0	10.2	10.4	10.9
	6H	10.7	10.8	11.1	11.3	11.7	10.3	10.5	10.8	11.0	11.4
	8H	11.2	11.4	11.7	11.8	12.3	10.8	11.0	11.3	11.4	11.9
Variation of the observer position for the luminaire distances S											
S = 1.0H		+4.7 / -2.2					+4.9 / -2.4				
S = 1.5H		+7.4 / -2.5					+7.6 / -2.7				
S = 2.0H		+9.4 / -2.8					+9.7 / -3.4				
Standard table		---					---				
Correction		---					---				
Summand		---					---				
Corrected Glare Indices referring to 495lm Total Luminous Flux											

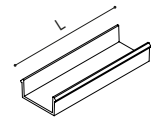
BLACK FOSTER MICRO CUSTOM UL



BLACK FOSTER MICRO CUSTOM SURFACE	3.28ft (1m) UL	U450-01-00-	NT	WT
BLACK FOSTER MICRO CUSTOM SURFACE	6.56ft (2m) UL	U450-02-00-	NT	WT

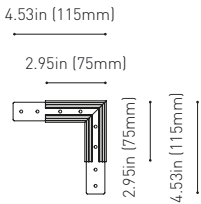
L

BLACK FOSTER MICRO CUSTOM SURFACE	Gap 250 UL	U450-00-01-	N	9.84 in / 250 mm
BLACK FOSTER MICRO CUSTOM SURFACE	Gap 500 UL	U450-00-02-	N	16.69 in / 500 mm
BLACK FOSTER MICRO CUSTOM SURFACE	Gap 1000 UL	U450-00-03-	N	39.37 in / 1000 mm



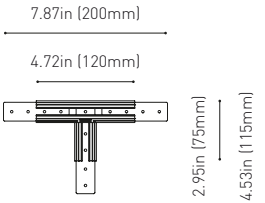
BLACK FOSTER MICRO CUSTOM SURFACE	L-Joint UL	U450-04-00-	NT	WT
BLACK FOSTER MICRO CUSTOM SURFACE	T-Joint UL	U450-05-00-	NT	WT
BLACK FOSTER MICRO CUSTOM SURFACE	X-Joint UL	U450-06-00-	NT	WT

BLACK FOSTER MICRO CUSTOM SURFACE
L-Joint UL



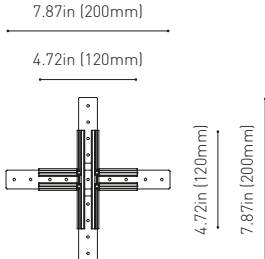
Electrical connection not included

BLACK FOSTER MICRO CUSTOM SURFACE
T-Joint UL



Electrical connection not included

BLACK FOSTER MICRO CUSTOM SURFACE
X-Joint UL



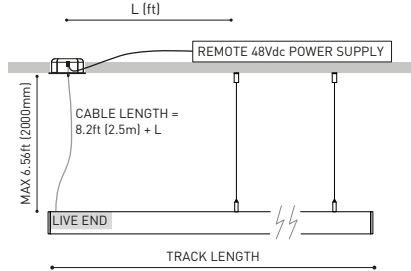
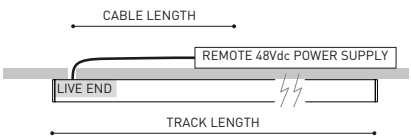
Electrical connection not included

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

120 & 277V | 50/60 Hz

UL DROP
VOLTAGE TABLE

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



COLOUR | N ■ | NT ■ | WT □ |

BLACK FOSTER MICRO CUSTOM UL

BLACK FOSTER MICRO CUSTOM TRACK COMPONENTS



BLACK FOSTER MICRO CUSTOM SURFACE			
End UL	U450-00-04-	N	W
Cover thickness = 0.12in (3mm)			

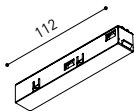


BLACK FOSTER MICRO CUSTOM SURFACE			
End Feed UL	U450-00-05-	N	W
Cover thickness = 0.12in (3mm)			

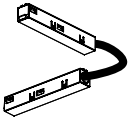


BLACK FOSTER MICRO CUSTOM SURFACE	
Straight Joiner UL	U450-00-06

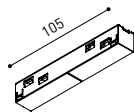
CONNECTION COMPONENTS



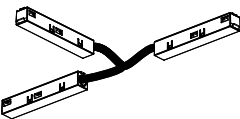
Live-End Connector 48V UL
U338-00-01- N



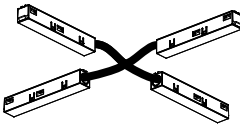
L-Joint Connector 48V UL
U338-00-12- N



Central Connector 48V UL
U338-00-02- N



T-Joint Connector 48V UL
U450-00-07- N



X-Joint Connector 48V UL
U450-00-08- N

SUSPENSION COMPONENTS



Black Foster Suspension Kit (2 Units) UL			
U450-00-09-	NT	WT	
Suggested Mounting accessories quantities			
3.28ft (1000mm)	-	2 Pcs.	
6.56ft (2000mm)	-	3 Pcs.	



Suspension Feed Kit 48V UL
U338-00-17- N W
DIM

*For remote power supply