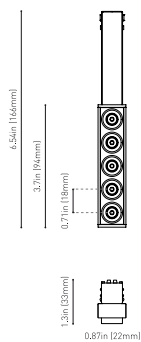




DIMENSIONS



ACCESSORIES



BLACK FOSTER CUSTOM ACCESSORIES

| | |
|-----------|--|
| Name | BLACK FOSTER MICRO CUSTOM MODULE 5 UL DIM DALI 4000K N |
| Reference | U4512022N |
| Color | Matt black |
| Category | Custom Systems |

| | |
|-----------------------|-----------------|
| Type | LED |
| Gross luminous flux | 850 Lm |
| Color temperature | 4000 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | 7 W |
| Current | 500 mA |
| Efficacy | 121 Lm/W |
| LED lifespan | L90B10 >60.000h |

| | |
|-------------------------|--------|
| Lighting efficiency | 87% |
| Delivered luminous flux | 740 Lm |
| Light beam angle | 37° |

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

| | |
|------------------------|---|
| Environmental location | DAMP |
| Track type | Black Foster Micro Surface Track |
| Weight | 0.22 lb 100 gr |
| Packaged weight | 0.27 lb 125 gr |
| Packaging dimensions | 8.66x1.89x1.93 in 220x48x49 mm |
| Materials | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

PRODUCT

LIGHT SOURCE

LIGHTING FIXTURE | PHOTOMETRIC DATA

LIGHTING FIXTURE | ELECTRICAL DATA

OTHER DATA

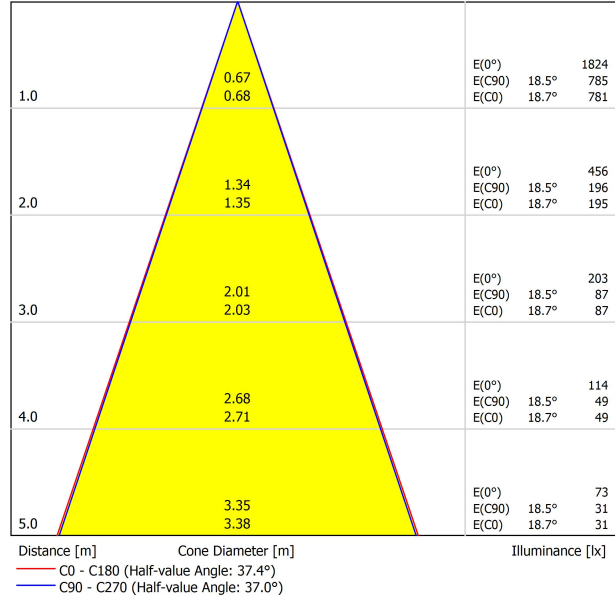


Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro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

POLAR DIAGRAM



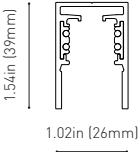
CONICAL DIAGRAM



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 | 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 850lm Total Luminous Flux | | | | | | | | | | | |

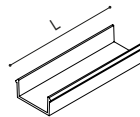
BLACK FOSTER MICRO CUSTOM UL



| | | | | |
|-----------------------------------|----------------|-------------|----|----|
| 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 |

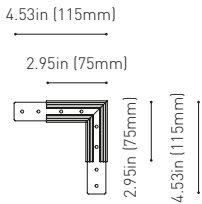
L

| | | | | |
|-----------------------------------|-------------|-------------|---|--------------------|
| 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 |



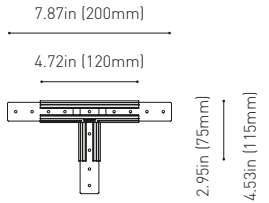
| | | | | |
|-----------------------------------|------------|-------------|----|----|
| BLACK FOSTER MICRO CUSTOM SURFACE | L-Joint UL | U450-04-00- | NT | WT |
| BLACK FOSTER MICRO CUSTOM SURFACE | T-Joint UL | U450-05-00- | NT | WT |
| BLACK FOSTER MICRO CUSTOM SURFACE | X-Joint UL | U450-06-00- |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

BLACK FOSTER MICRO CUSTOM SURFACE L-Joint UL



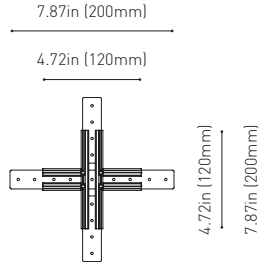
Electrical connection not included

BLACK FOSTER MICRO CUSTOM SURFACE T-Joint UL



Electrical connection not included

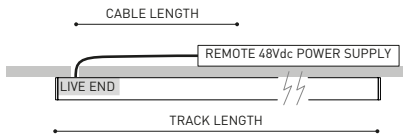
BLACK FOSTER MICRO CUSTOM SURFACE X-Joint UL



Electrical connection not included

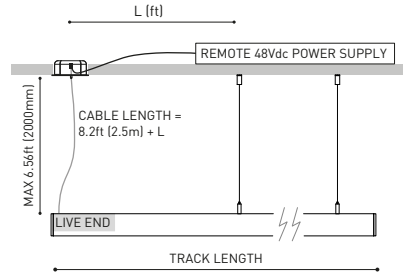
| | | P | V | D |
|------------------|------------|------|------|-----------------------|
| CONSTANT VOLTAGE | U100-00-78 | 96 W | 48 V | 8.16 x 2.97 x 1.30 in |
| LED POWER SUPPLY | | | | 207 x 75.4 x 33 mm |

120 & 277V | 50/60 Hz



UL DROP VOLTAGE TABLE

| | CABLE SECTION | CABLE LENGTH | | | |
|------|---------------|---------------|----------------|-----------------|----------------|
| | | 16.40ft 5m | 32.80ft 10m | 65.62ft 20m | 98.43ft 30m |
| 96 W | AWG16 | TRACK LENGTH | | | |
| | | 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)

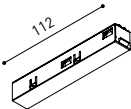


BLACK FOSTER MICRO CUSTOM SURFACE
End Feed UL **U450-00-05- | N | W |**
 Cover thickness = 0.12in (3mm)

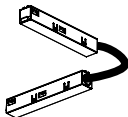


BLACK FOSTER MICRO CUSTOM SURFACE
Straight Joiner UL **U450-00-06**

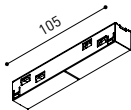
CONNECTION COMPONENTS



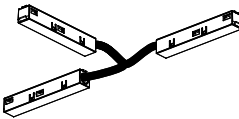
Live-End Connector 48V
A338-00-01- | N |



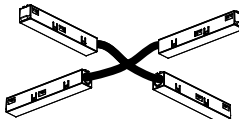
L-Joint Connector 48V UL
U338-00-12- | N |



Central Connector 48V
A338-00-02- | N |



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

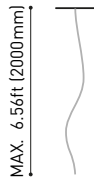


X-Joint Connector 48V UL
U450-00-08- | N |

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 | 

*For remote power supply