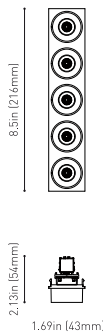




DIMENSIONS



ACCESORIES



BLACK FOSTER CUSTOM
ACCESSORIES

PRODUCT

Name BLACK FOSTER CUSTOM MODULE 5 UL SPOT DIM DALI 4000K NMG

Reference U4534122NMG

Color Black-Metallized gold

Category CUSTOM SYSTEMS

LIGHT SOURCE

Type LED

Gross luminous flux 1250 Lm

Color temperature 4000 K

Chromatic stability MacAdam Step 3

Color Rendering Index CRI > 90

Power 10,5 W

Current 700 mA

Efficacy 119 Lm/W

LED lifespan L80B10 > 60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency 90%

Light beam angle 19°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver Included

Power values of the system 12,50 W

Dimming DALI

OTHER DATA

Environmental location DAMP

Track type Black Foster Custom Surface Track

Weight 0.36 lb | 165 gr

Packaged weight 0.51 lb | 232 gr

Packaging dimensions 9.72x4.41x1.89 in | 247x112x48 mm

Units per package 1

Materials Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

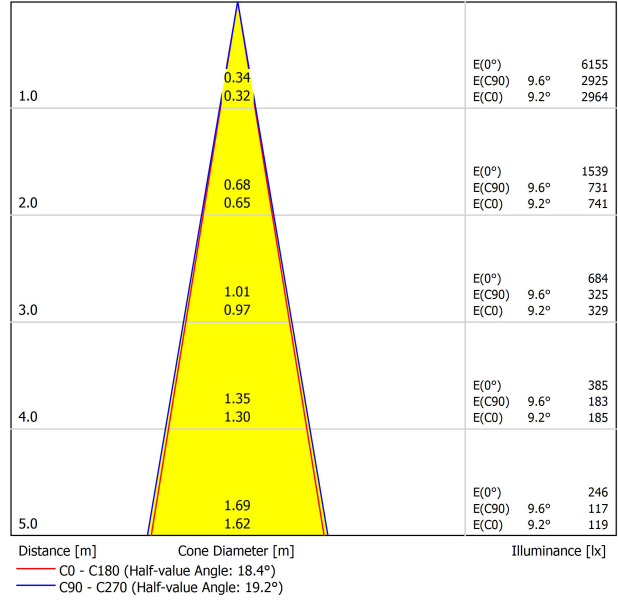


Black Foster is the lighting fixture that transfers the applauded "Invisible Black" effect to a linear system. Black Foster is composed of a series of combinable modules enabling the alternation of segments with light emission and without light emission. However, whether it is ON or OFF, this luminaire always keeps the aesthetics of a perfect dark line. To the observer, it is impossible to distinguish between Black Foster parts that emit light from those that don't. Black Foster's modularity provides a wide range of different combinations, allowing to set up the light emission location as many times as needed, and adapting itself to the requirements of each project in particular.

POLAR DIAGRAM



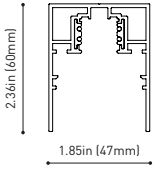
CONICAL DIAGRAM



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	2.9	3.5	3.1	3.7	3.9	3.7	4.4	3.9	4.6	4.7
	3H	6.3	7.0	6.6	7.2	7.4	7.6	8.2	7.9	8.4	8.7
	4H	8.3	8.9	8.6	9.1	9.4	9.4	10.0	9.7	10.3	10.5
	6H	10.5	11.1	10.9	11.4	11.6	11.7	12.3	12.0	12.5	12.8
	8H	11.7	12.2	12.0	12.5	12.8	13.0	13.5	13.3	13.8	14.0
4H	2H	4.2	4.8	4.5	5.0	5.3	4.8	5.4	5.1	5.6	5.9
	3H	7.9	8.4	8.3	8.7	9.0	8.8	9.3	9.2	9.6	9.9
	4H	10.0	10.4	10.4	10.8	11.1	10.8	11.3	11.2	11.6	11.9
	6H	12.3	12.7	12.7	13.0	13.4	13.3	13.6	13.7	14.0	14.4
	8H	13.5	13.8	13.9	14.2	14.6	14.6	14.9	15.0	15.3	15.7
8H	2H	15.0	15.3	15.4	15.7	16.1	16.1	16.4	16.6	16.8	17.2
	4H	11.0	11.3	11.4	11.7	12.1	11.6	11.9	12.0	12.3	12.7
	6H	13.4	13.7	13.9	14.1	14.5	14.2	14.5	14.7	14.9	15.3
	8H	14.9	15.1	15.3	15.5	16.0	15.8	16.0	16.2	16.4	16.9
	12H	16.5	16.7	17.0	17.1	17.6	17.5	17.7	18.0	18.1	18.6
12H	4H	11.3	11.5	11.7	11.9	12.4	11.8	12.1	12.2	12.5	12.9
	6H	13.8	14.0	14.3	14.5	14.9	14.5	14.7	15.0	15.1	15.6
	8H	15.4	15.5	15.8	16.0	16.5	16.1	16.3	16.6	16.8	17.3
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3				
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5				
Standard table Correction Summand		---					---				
Corrected Glare Indices referring to 1250lm Total Luminous Flux											

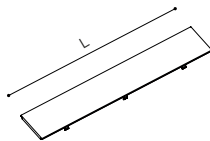
BLACK FOSTER CUSTOM UL



BLACK FOSTER CUSTOM SURFACE	3.28ft (1m) UL	U452-01-00-	NT	WT
BLACK FOSTER CUSTOM SURFACE	6.56ft (2m) UL	U452-02-00-	NT	WT

BLACK FOSTER CUSTOM COVER	Gap 250 UL	U452-00-01-	N	9.84 in / 250 mm
BLACK FOSTER CUSTOM COVER	Gap 500 UL	U452-00-02-	N	16.69 in / 500 mm

L



BLACK FOSTER CUSTOM SURFACE	L-Joint UL	U452-04-00-	NT	WT
BLACK FOSTER CUSTOM SURFACE	T-Joint UL	U452-05-00-	NT	WT
BLACK FOSTER CUSTOM SURFACE	X-Joint UL	U452-06-00-	NT	WT

BLACK FOSTER CUSTOM SURFACE
L-Joint UL



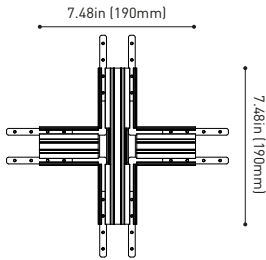
Electrical connection not included

BLACK FOSTER CUSTOM SURFACE
T-Joint UL



Electrical connection not included

BLACK FOSTER 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

POWER	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 CUSTOM UL

BLACK FOSTER CUSTOM TRACK COMPONENTS



BLACK FOSTER CUSTOM SURFACE
End UL U452-00-03- | N | W |

Cover thickness = 0.12in (3mm)



BLACK FOSTER CUSTOM SURFACE
End Feed UL U452-00-04- | N | W |

Cover thickness = 0.12in (3mm)

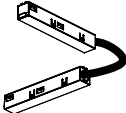


BLACK FOSTER CUSTOM SURFACE
Straight Joiner UL U452-00-05

CONNECTION COMPONENTS



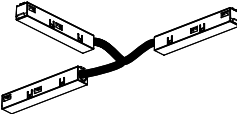
Live-End Connector 48V
 A338-00-01- | N |



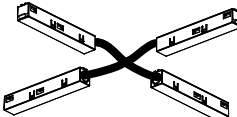
L-Joint Connector 48V UL
 U338-00-12- | N |



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