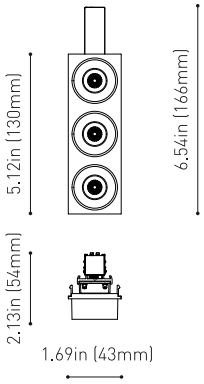
BLACK FOSTER CUSTOM MODULE

JOKERLIGHT®

DIMENSIONS



ACCESORIES

BLACK FOSTER CUSTOM ACCESSORIES

PRODUCT	
Reference	U4533121N
Color	Matt black
Category	CUSTOM SYSTEMS

LIGHT SOURCE	
Type	LED
Gross luminous flux	630 Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	6.3 W
Current	700 mA
Efficacy	119 Lm/W
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA	
Lighting efficiency	90%
Delivered luminous flux	567 Lm
Light beam angle	19°

LIGHTING FIXTURE | ELECTRICAL DATA	
Driver	Included
Power values of the system	8,40 W
Dimming	DALI

OTHER DATA	
Environmental location	DAMP
Track type	Black Foster Custom Surface Track
Weight	0.24 lb | 110 gr
Packaged weight	0.39 lb | 177 gr
Packaging dimensions	9.72x4.41x1.89 in | 247x112x48 mm
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

Intertek

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.

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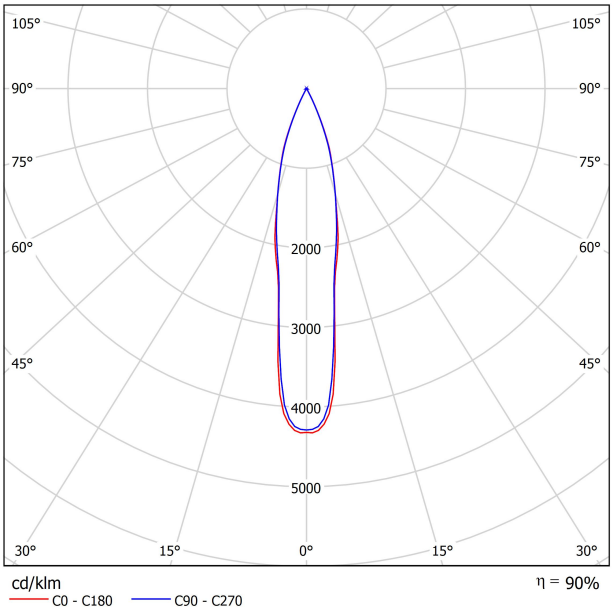
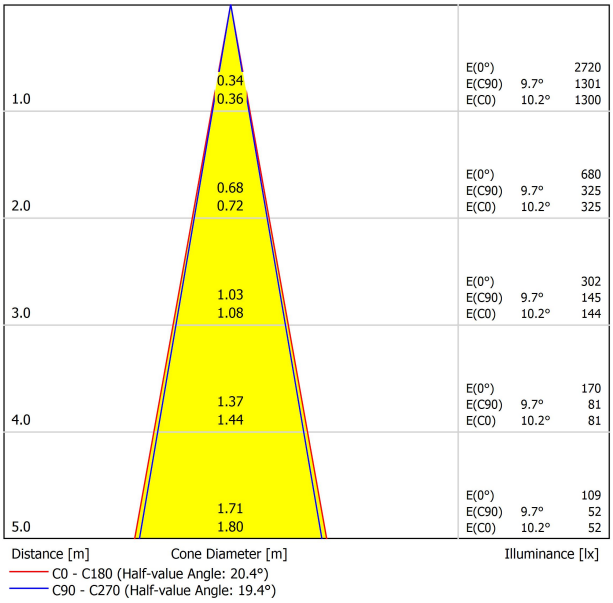
5 Year WARRANTY*

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	5.5	6.1	5.7	6.3	6.5	5.5	6.2	5.8	6.4	6.6
	3H	9.0	9.6	9.3	9.9	10.1	9.1	9.7	9.4	9.9	10.2
	4H	10.9	11.5	11.2	11.7	12.0	11.0	11.6	11.3	11.8	12.1
	6H	13.0	13.5	13.3	13.8	14.1	13.0	13.6	13.3	13.8	14.1
	8H	14.2	14.7	14.6	15.0	15.3	14.3	14.8	14.6	15.1	15.4
	12H	15.6	16.1	15.9	16.4	16.7	15.7	16.2	16.0	16.5	16.8
4H	2H	6.5	7.1	6.8	7.3	7.6	6.6	7.1	6.9	7.4	7.7
	3H	10.3	10.8	10.7	11.1	11.4	10.4	10.9	10.7	11.2	11.5
	4H	12.4	12.8	12.7	13.1	13.5	12.5	12.9	12.9	13.3	13.6
	6H	14.6	15.0	15.0	15.4	15.7	14.7	15.0	15.1	15.4	15.8
	8H	16.0	16.3	16.4	16.7	17.1	16.1	16.4	16.5	16.8	17.2
	12H	17.4	17.7	17.9	18.1	18.5	17.5	17.8	18.0	18.2	18.6
8H	4H	13.2	13.5	13.6	13.9	14.3	13.3	13.6	13.7	14.0	14.4
	6H	15.7	16.0	16.2	16.4	16.8	15.7	16.0	16.2	16.4	16.9
	8H	17.2	17.4	17.7	17.9	18.3	17.3	17.5	17.8	18.0	18.4
	12H	18.9	19.1	19.4	19.5	20.0	19.0	19.2	19.5	19.6	20.1
12H	4H	13.4	13.7	13.9	14.1	14.5	13.5	13.8	14.0	14.2	14.6
	6H	16.1	16.3	16.6	16.7	17.2	16.1	16.3	16.6	16.8	17.2
	8H	17.7	17.8	18.2	18.3	18.8	17.7	17.9	18.2	18.4	18.9

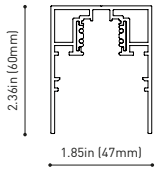
Variation of the observer position for the luminaire distances S

S = 1.0H	+0.2 / -0.2	+0.2 / -0.2
S = 1.5H	+0.3 / -0.3	+0.3 / -0.3
S = 2.0H	+0.5 / -0.6	+0.5 / -0.6
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 630lm Total Luminous Flux

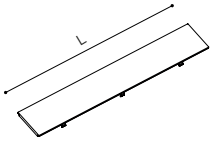
JOKERLIGHT

BLACK FOSTER CUSTOM UL



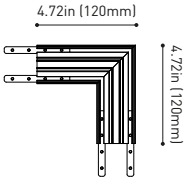
BLACK FOSTER CUSTOM SURFACE	3.28ft (1m) UL	U452-01-00-	N	NT	WT
BLACK FOSTER CUSTOM SURFACE	6.56ft (2m) UL	U452-02-00-	N	NT	WT

				L
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



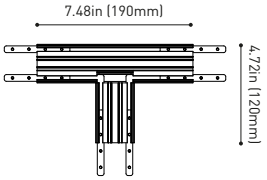
BLACK FOSTER CUSTOM SURFACE	L-Joint UL	U452-04-00-	N	NT	WT
BLACK FOSTER CUSTOM SURFACE	T-Joint UL	U452-05-00-	N	NT	WT
BLACK FOSTER CUSTOM SURFACE	X-Joint UL	U452-06-00-	N	NT	WT

BLACK FOSTER CUSTOM SURFACE
L-Joint UL



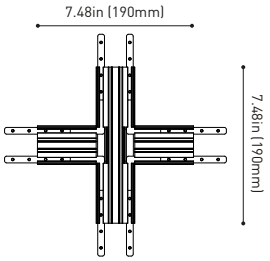
Electrical connection not included

BLACK FOSTER CUSTOM SURFACE
T-Joint UL



Electrical connection not included

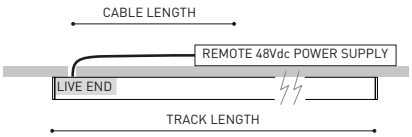
BLACK FOSTER CUSTOM SURFACE
X-Joint UL



Electrical connection not included

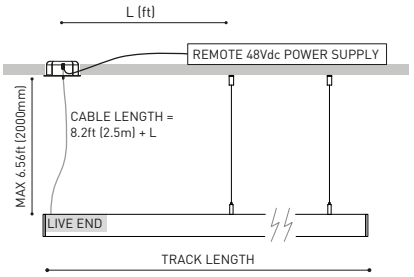
		P	V	D
CONSTANT VOLTAGE LED POWER SUPPLY	U100-00-78	96 W	48 V	8.16 x 2.97 x 1.30 in 207 x 75.4 x 33 mm

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 CUSTOM UL

BLACK FOSTER CUSTOM TRACK COMPONENTS

BLACK FOSTER CUSTOM SURFACE

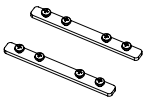
End UL U452-00-03- | N | W |

Cover thickness = 0.12in (3mm)

BLACK FOSTER CUSTOM SURFACE

End Feed UL U452-00-04- | N | W |

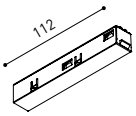
Cover thickness = 0.12in (3mm)



BLACK FOSTER CUSTOM SURFACE

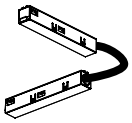
Straight Joiner UL U452-00-05

CONNECTION COMPONENTS



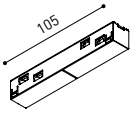
Live-End Connector 48V UL

U338-00-01- | N |



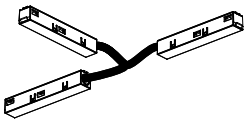
L-Joint Connector 48V UL

U338-00-12- | N |



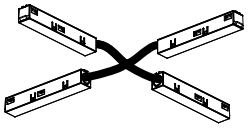
Central Connector 48V UL

U338-00-02- | N |



T-Joint Connector 48V UL

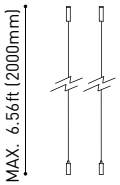
U450-00-07- | N |



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

COLOUR | N ■ | NT ■ | WT □ | W □ |