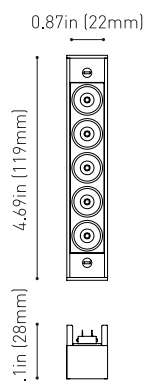


BLACK FOSTER MICRO 24V

JOKERLIGHT®



DIMENSIONS



ACCESSORIES



MINIMAL TRACK OPTIONS

AWARDS



reddot winner 2020
innovative product



reddot winner 2020
lighting design



Bronze Delta
AIA Awards 2020



WINNER
2020



archiproductions
DESIGN AWARDS
WINNER 2020

PRODUCT

Name	BLACK FOSTER MICRO 24V 5 UL 3500K N
Reference	U4152013N
Color	Matt black
Category	TRACKLIGHTS

LIGHT SOURCE

Type	LED
Gross luminous flux	825 Lm
Color temperature	3500 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	7 W
Efficacy	114 Lm/W
LED lifespan	L90B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	87%
Delivered luminous flux	718 Lm
Light beam angle	37°

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	7,60 W
Dimming	Dim options

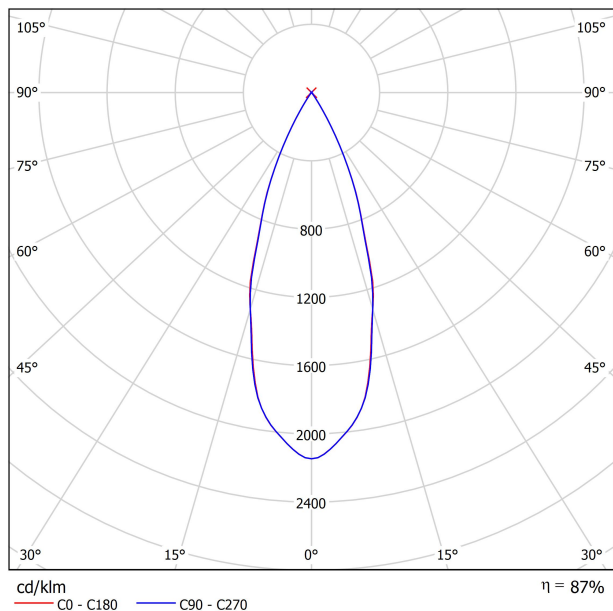
OTHER DATA

Environmental location	DRY
Track type	Minimal Track
Weight	0.18 lb 80 gr
Packaged weight	0.20 lb 91.1 gr
Packaging dimensions	5.28x1.46x1.38 in 134x37x35 mm
Materials	Aluminium / Acrylonitrile Butadiene Styrene

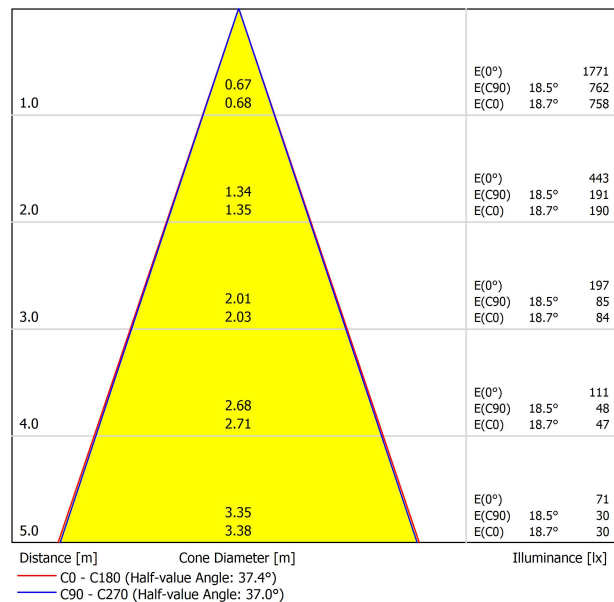


Black Foster Micro 24V for Minimal Track, the most compact downlight with "The Invisible Black" effect. This linear luminaire has an excellent control of the light beam whose rays do not bathe the luminaire and are channelled directly to the exterior without touching the screen. Furthermore, its reduced design enables an absolutely perfect installation of the modules into systems.

POLAR DIAGRAM



CONICAL DIAGRAM

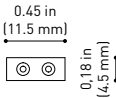
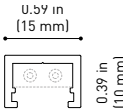


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
ρ Walls		50	30	50	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	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	
	12H	13.4	13.8	13.7	14.1	14.4	13.4	13.9	13.7	14.2	14.5	
4H	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	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	
8H	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	15.2	15.4	15.7	15.8	16.3	15.2	15.4	15.7	15.8	16.3	
12H	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 825lm Total Luminous Flux												

24V SYSTEM

MINIMAL TRACK



MINIMAL TRACK 24V Profile 2m UL

U384-02-00- | N |

2m = 78.74in

MINIMAL TRACK 24V Rubber Cable n x 1m UL

U384-00-01- | N |

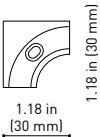
n = Total Length of System
1m = 39.37in

24 V | Max. 4A

MINIMAL TRACK 24V Corner 90° 1 Plane UL

U384-00-02- | N |

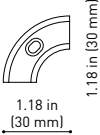
Cable Length = 1.38in (35mm)



MINIMAL TRACK 24V Corner 90° 1 Plane Rounded UL

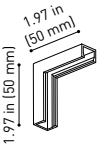
U384-00-03- | N |

Cable Length = 1.38in (35mm)



MINIMAL TRACK 24V Corner 90° 2 PLanes UL

Cable Length = 3.94in (100mm)



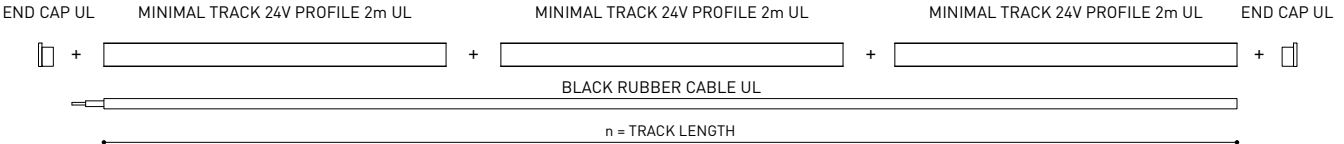
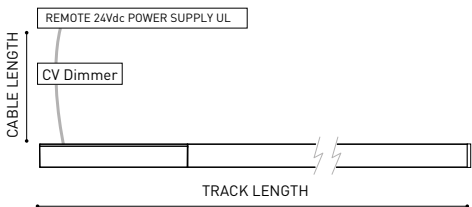
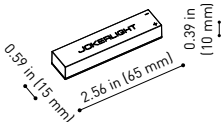
MINIMAL TRACK 24V End Cap UL

U384-00-05- | N |



MINIMAL TRACK 24V Connection Box UL

U384-00-06- | N |



COLOUR | N ■ |

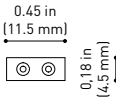
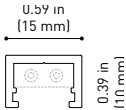
DIM OPTIONS PLEASE CONSULT

INSTALLATION GUIDE
<https://youtu.be/AqTlsTcSoGA>

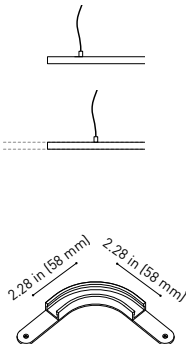


24V SYSTEM

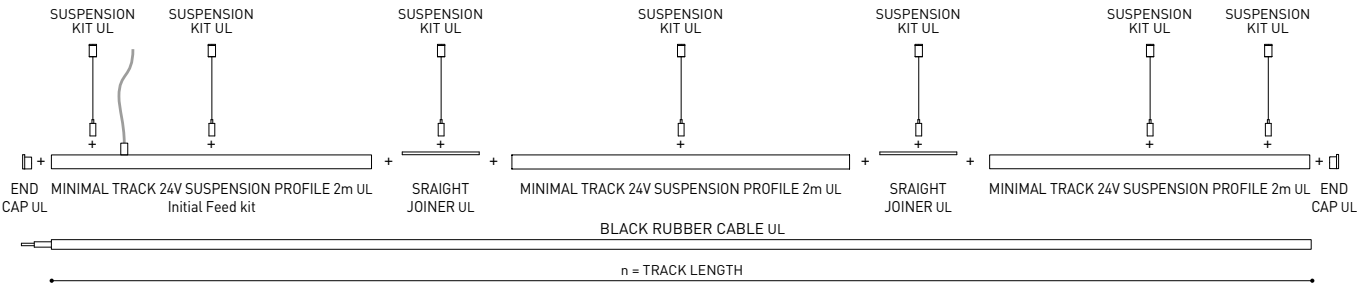
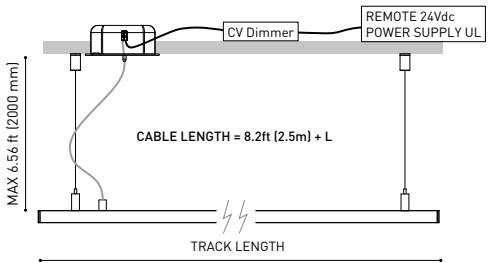
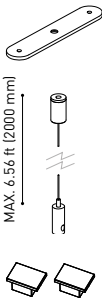
MINIMAL TRACK SUSPENSION



MINIMAL TRACK 24V Suspension UL	
Profile 2m	
U384-02-00-	N
Profile 2m Initial feed kit UL	
U400-02-10-	N
Profile 2m Middle feed kit UL*	
U400-02-20-	N
* Unidirectional Middle Feed 2m = 78.74in	
MINIMAL TRACK 24V Suspension Corner 90° UL	
U400-00-03-	N
Cable Length = 3.35in (85mm)	



MINIMAL TRACK 24V Suspension UL	
Rubber Cable n x 1m UL	U400-00-01- N
n = Total Length of System 1m = 39.37in	24V Max. 4A
MINIMAL TRACK 24V Suspension Straight Joiner UL	
U400-00-02-	N
MINIMAL TRACK 24V Suspension Kit UL	
U400-02-04-	N
MINIMAL TRACK 24V Suspension End Caps UL	
U400-00-05-	N
Two End Caps Included	



COLOUR | N ■ |

DIM OPTIONS PLEASE CONSULT

24V SYSTEM

MINIMAL TRACK SURFACE & SUSPENSION

		P	V	D (A x B x C)
MINIMAL TRACK 24V	U384-00-07	100W	24V	8.16 x 2.97 x 1.30 in
Remote Power Supply UL				207.2 x 75.4 x 33 mm

120 & 277 V | 50/60 Hz |  NO DIM

		P	V	D (A x B x C)
MINIMAL TRACK 24V	U010-00-01	60W	24V	5.83 x 1.68 x 1 in
Dimmable Power Supply UL*				148.2 x 42.6 x 25.4 mm
	U010-00-02	100W	24V	9.5 x 1.57 x 1 in
				241.3 x 39.9 x 25.4 mm

120 & 277 V | 50/60 Hz |  0-10 V

		P	V	D (A x B x C)
MINIMAL TRACK 24V	U010-00-00	144W	24V	2.86 x 1.18 x 0.71 in
Constant Voltage Dimmer				72.6 x 30 x 18 mm

24 V |  CASAMBI

UL DROP VOLTAGE TABLE		CABLE LENGTH			
		<16.40 ft <5 m	<32.80 ft <10 m	<65.62 ft <20 m	<98.43 ft <30 m
POWER	CABLE SECTION	TRACK LENGTH			
60 W	AWG18	98.43 ft	98.43 ft	65.62 ft	32.80 ft
		30 m	30 m	20 m	10 m
	AWG16	98.43 ft	98.43 ft	98.43 ft	65.62 ft
		30 m	30 m	30 m	20 m
96 W	AWG18	65.62 ft	32.80 ft	X	X
		20 m	10 m		
	AWG16	65.62 ft	65.62 ft	32.80 ft	X
		20 m	20 m	10 m	

 PHASE CUT AND DMX DIM OPTIONS PLEASE CONSLT | *POWER SUPPLY REQUIRES AN ENCLOSURE FOR INSTALLATION. ENCLOSURE NOT PROVIDED