

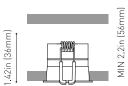


DIMENSIONS

1.81in (46mm)

.81in (46mm)





	PRODUCT
Name	BLACK FOSTER MICRO RECESSED 2X2 UL 3000K N
Reference	U4143011N
Color	Matt black
Category	CEILING RECESSED
	LIGHT SOURCE
Туре	LED
Gross luminous flux	Depending on Mounting Accessories Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	Depending on Mounting Accessories W
Current	Depending on Mounting Accessories mA
LED lifespan	L90B10 >60.000h
Lighting efficiency  Delivered luminous flux	0 Lm
Light beam angle	37°
	LIGHTING FIXTURE   ELECTRICAL DATA
Driver	Requires remote driver
Power values of the system	W
Frequency	Depending on Mounting Accessories
Dimming	Depending on Mounting Accessories
	OTHER DATA
IC Rated	Yes
Environmental location	DAMP
Recess measurements	1.65x1.65 ın   42x42
Weight	0.28 lb   130 gr
Packaged weight	0.44 lb   201 gr
Packaging dimensions	7.32x2.56x2.13 in   186x65x54 mm



Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

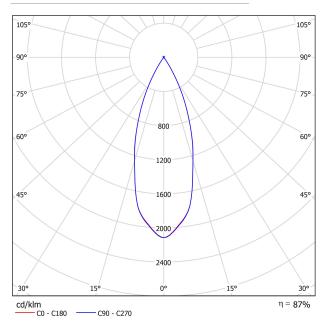
Materials

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.

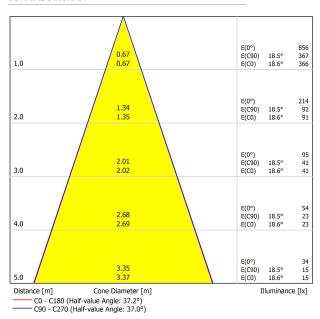




## POLAR DIAGRAM



## CONICAL DIAGRAM



UGR

Ceiling Walls Walls Floor Room Siz X 2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	-6.5 -3.4 -1.7 0.5 1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5		50 50 20 ection at b lamp ax -6.3 -3.1 -1.4 0.9 2.1 3.2 -5.4 -1.9 0.0 2.6 3.9	-5.7 -2.6 -0.9 1.3 2.5 3.6 -4.9 -1.5 0.4 2.8	-5.5 -2.4 -0.7 1.6 2.8 3.9 -4.6 -1.2 0.7 3.2	70 50 20 -7.2 -3.3 -1.3 0.8 1.8 2.9 -6.1 -2.2 0.0 2.4		50 50 20 direction of lamp ax -6.9 -3.1 -1.0 1.1 2.2 3.3 -5.8 -1.8 0.4 2.8		-6.2 -2.3 -0.3 1.9 2.9 4.0 -5.1 -1.1 1.1 3.5
PROOF ROOM Siz X 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	-6.5 -3.4 -1.7 0.5 1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5	-5.9 -2.8 -1.0 2.2 3.3 -5.1 -1.8 0.0 2.5	-6.3 -3.1 -1.4 0.9 2.1 3.2 -5.4 -1.9 0.0 2.6	-5.7 -2.6 -0.9 1.3 2.5 3.6 -4.9 -1.5 0.4 2.8	-5.5 -2.4 -0.7 1.6 2.8 3.9 -4.6 -1.2 0.7	-7.2 -3.3 -1.3 0.8 1.8 2.9 -6.1 -2.2 0.0	20 Viewing to -6.6 -2.8 -0.8 1.3 2.3 3.4 -5.6 -1.7 0.4	20 direction o lamp as -6.9 -3.1 -1.0 1.1 2.2 3.3 -5.8 -1.8 0.4	20 parallel kis -6.4 -2.5 -0.5 1.6 2.6 3.7 -5.4 -1.4 0.8	-6.2 -2.3 -0.3 1.9 2.9 4.0 -5.1 -1.1
Room Siz X 2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	-6.5 -3.4 -1.7 0.5 1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5	-5.9 -2.8 -1.2 1.0 2.2 3.3 -5.1 -1.8 0.0 2.5	-6.3 -3.1 -1.4 0.9 2.1 3.2 -5.4 -1.9 0.0 2.6	right ang right ang riss -5.7 -2.6 -0.9 1.3 2.5 3.6 -4.9 -1.5 0.4 2.8	-5.5 -2.4 -0.7 1.6 2.8 3.9 -4.6 -1.2 0.7	-7.2 -3.3 -1.3 0.8 1.8 2.9 -6.1 -2.2 0.0	Viewing to -6.6 -2.8 -0.8 1.3 2.3 3.4 -5.6 -1.7 0.4	-6.9 -3.1 -1.0 1.1 2.2 3.3 -5.8 -1.8	-6.4 -2.5 -0.5 1.6 2.6 3.7 -5.4 -1.4 0.8	-6.2 -2.3 -0.3 1.9 2.9 4.0 -5.1 -1.1
2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	-6.5 -3.4 -1.7 0.5 1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5	-5.9 -2.8 -1.2 1.0 2.2 3.3 -5.1 -1.8 0.0 2.5	-6.3 -3.1 -1.4 0.9 2.1 3.2 -5.4 -1.9 0.0 2.6	-5.7 -2.6 -0.9 1.3 2.5 3.6 -4.9 -1.5 0.4 2.8	-5.5 -2.4 -0.7 1.6 2.8 3.9 -4.6 -1.2 0.7	-3.3 -1.3 0.8 1.8 2.9 -6.1 -2.2 0.0	-6.6 -2.8 -0.8 1.3 2.3 3.4 -5.6 -1.7 0.4	-6.9 -3.1 -1.0 1.1 2.2 3.3 -5.8 -1.8 0.4	-6.4 -2.5 -0.5 1.6 2.6 3.7 -5.4 -1.4 0.8	-2.3 -0.3 1.9 2.9 4.0 -5.1 -1.1
4Н	3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	-3.4 -1.7 0.5 1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5	-2.8 -1.2 1.0 2.2 3.3 -5.1 -1.8 0.0 2.5	-3.1 -1.4 0.9 2.1 3.2 -5.4 -1.9 0.0 2.6	-2.6 -0.9 1.3 2.5 3.6 -4.9 -1.5 0.4 2.8	-2.4 -0.7 1.6 2.8 3.9 -4.6 -1.2 0.7	-3.3 -1.3 0.8 1.8 2.9 -6.1 -2.2 0.0	-2.8 -0.8 1.3 2.3 3.4 -5.6 -1.7 0.4	-3.1 -1.0 1.1 2.2 3.3 -5.8 -1.8 0.4	-2.5 -0.5 1.6 2.6 3.7 -5.4 -1.4 0.8	-2.3 -0.3 1.9 2.9 4.0 -5.1 -1.1
	4H 6H 8H 12H 2H 3H 4H 6H 8H	-1.7 0.5 1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5	-1.2 1.0 2.2 3.3 -5.1 -1.8 0.0 2.5	-1.4 0.9 2.1 3.2 -5.4 -1.9 0.0 2.6	-0.9 1.3 2.5 3.6 -4.9 -1.5 0.4 2.8	-0.7 1.6 2.8 3.9 -4.6 -1.2 0.7	-1.3 0.8 1.8 2.9 -6.1 -2.2 0.0	-0.8 1.3 2.3 3.4 -5.6 -1.7 0.4	-1.0 1.1 2.2 3.3 -5.8 -1.8 0.4	-0.5 1.6 2.6 3.7 -5.4 -1.4 0.8	-0.3 1.9 2.9 4.0 -5.1 -1.1
	6H 8H 12H 2H 3H 4H 6H 8H	0.5 1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5	1.0 2.2 3.3 -5.1 -1.8 0.0 2.5	0.9 2.1 3.2 -5.4 -1.9 0.0 2.6	1.3 2.5 3.6 -4.9 -1.5 0.4 2.8	1.6 2.8 3.9 -4.6 -1.2 0.7	0.8 1.8 2.9 -6.1 -2.2 0.0	1.3 2.3 3.4 -5.6 -1.7 0.4	1.1 2.2 3.3 -5.8 -1.8 0.4	1.6 2.6 3.7 -5.4 -1.4 0.8	1.9 2.9 4.0 -5.1 -1.1
	8H 12H 2H 3H 4H 6H 8H	1.7 2.9 -5.7 -2.2 -0.3 2.2 3.5	2.2 3.3 -5.1 -1.8 0.0 2.5	2.1 3.2 -5.4 -1.9 0.0 2.6	2.5 3.6 -4.9 -1.5 0.4 2.8	2.8 3.9 -4.6 -1.2 0.7	1.8 2.9 -6.1 -2.2 0.0	2.3 3.4 -5.6 -1.7 0.4	2.2 3.3 -5.8 -1.8 0.4	2.6 3.7 -5.4 -1.4 0.8	2.9 4.0 -5.: -1.:
	12H 2H 3H 4H 6H 8H	2.9 -5.7 -2.2 -0.3 2.2 3.5	3.3 -5.1 -1.8 0.0 2.5	3.2 -5.4 -1.9 0.0 2.6	3.6 -4.9 -1.5 0.4 2.8	3.9 -4.6 -1.2 0.7	2.9 -6.1 -2.2 0.0	3.4 -5.6 -1.7 0.4	3.3 -5.8 -1.8 0.4	3.7 -5.4 -1.4 0.8	4.0 -5. -1.
	2H 3H 4H 6H 8H	-5.7 -2.2 -0.3 2.2 3.5	-5.1 -1.8 0.0 2.5	-5.4 -1.9 0.0 2.6	-4.9 -1.5 0.4 2.8	-4.6 -1.2 0.7	-6.1 -2.2 0.0	-5.6 -1.7 0.4	-5.8 -1.8 0.4	-5.4 -1.4 0.8	-5. -1. 1.:
	3H 4H 6H 8H	-2.2 -0.3 2.2 3.5	-1.8 0.0 2.5	-1.9 0.0 2.6	-1.5 0.4 2.8	-1.2 0.7	-2.2 0.0	-1.7 0.4	-1.8 0.4	-1.4 0.8	-1. 1.:
8Н	4H 6H 8H	-0.3 2.2 3.5	0.0 2.5	0.0 2.6	0.4 2.8	0.7	0.0	0.4	0.4	0.8	1.3
8H	4H 6H 8H	-0.3 2.2 3.5	0.0 2.5	0.0 2.6	0.4 2.8	0.7	0.0	0.4	0.4	0.8	1.
8H	6H 8H	2.2 3.5	2.5	2.6	2.8						
8H	8H	3.5									
8H					4.1	4.5	3.5	3.8	3.9	4.2	4.6
8H	12H	4.7	4.9	5.1	5.3	5.8	4.7	5.0	5.2	5.4	5.8
	4H	0.5	0.8	0.9	1.2	1.6	0.8	1.1	1.2	1.5	1.5
	6H	3.2	3.4	3.6	3.8	4.3	3.4	3.6	3.9	4.1	4.
8H 12H	8H	4.7	4.9	5.1	5.3	5.8	4.7	4.9	5.2	5.3	5.
	12H	6.1	6.3	6.6	6.7	7.2	6.1	6.3	6.6	6.7	7.
12H 4H 6H 8H	4H	0.8	1.0	1.2	1.4	1.8	1.0	1.3	1.5	1.7	2.
	6H	3.5	3.7	4.0	4.1	4.6	3.7	3.9	4.2	4.3	4.8
	8H	5.1	5.2	5.6	5.7	6.2	5.1	5.2	5.6	5.7	6.
ariation of the	e observer	r position	for the lun	ninaire dist	tances S						
S = 1.0H	н	+6.0 / -4.4					+6.0 / -4.3				
S = 1.5H		+8.8 / -4.8			+8.7 / -4.7						
S = 2.0H		+10.8 / -5.4				+10.8 / -5.0					
Standard table			BK01		BK01						
Correctio	on			-5.3			-5.4				

