

HB-2X2MXS-M

~30° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	90.0 x 90.0 mm
Height	18 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
HB-2X2MXS-M	Multi-lens	Silicone	clear	
STRADA-2X2MXS-FRAME	Holder	PA66	black	

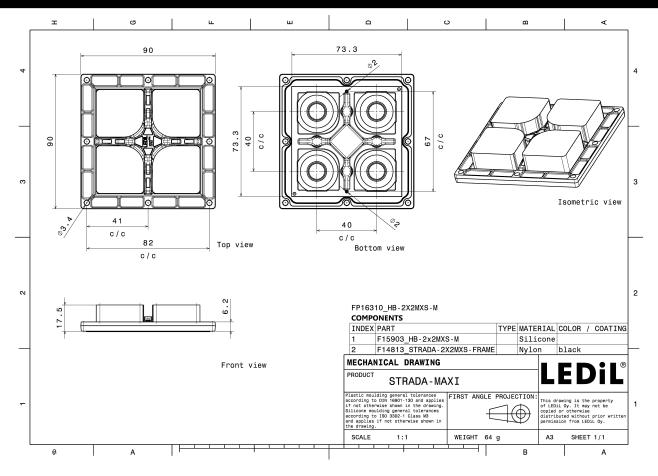
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP16310_HB-2X2MXS-M	Multi-lens	156	24	12	10.5
» Box size: 398 x 298 x 265 mm					

Last update: 28/12/2021Subject to change without prior noticePublished: 15/11/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.1/6

PRODUCT DATASHEET FP16310_HB-2X2MXS-M

PRODUCT DATASHEET FP16310_HB-2X2MXS-M



See also our general installation guide: <u>www.ledil.com/installation_guide</u>



PHOTOMETRIC DATA (MEASURED):

	.EDS	9° 99'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX 34.0° / 72.0° 91 % 1.7 cd/lm 1 White	
	.EDS	90° 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-7070 33.0° / 72.0° 90 % 1.7 cd/lm 1 White	
ØNICHI/		35 [°] 6 [°] 35 [°]
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NV4x144A 34.0° / 71.0° 90 % 1.7 cd/lm 1 White ents:	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM SC16 (LH181B) 32.0° / 72.0° 89 % 1.7 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

CITIZEN		90* 90*
LED	CLU700/701/702	
FWHM / FWTM	29.0° / 61.0°	N. N.
Efficiency	88 %	
Peak intensity	2.2 cd/lm	
LEDs/each optic	1	
Light colour	White	gy
Required components:		1530
Bender Wirth: 434 Ty	p 2x2MX HV	
		30°
		2490 15° 0° 15°
		90° 90'
LED	MHB-A/B	
FWHM / FWTM	24.0° / 57.0°	$\land \land \land \land \land \land$
Efficiency	90 %	605 600
Peak intensity	2.7 cd/lm	
LEDs/each optic	1	
Light colour	White	43° 45°
Required components:		
		2430
		30" 30
		153 00 153
		90° 90°
LED		
	XHP35 HI	
FWHM / FWTM	XHP35 HI 20.0° / 46.0°	75
		3 ³
FWHM / FWTM	20.0° / 46.0°	
FWHM / FWTM Efficiency	20.0° / 46.0° 86 %	25- 29- 25- 25- 25- 20-
FWHM / FWTM Efficiency Peak intensity	20.0° / 46.0° 86 % 3.4 cd/lm	90 ⁴ 100
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	20.0° / 46.0° 86 % 3.4 cd/lm 1	90 ⁴ 100
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	20.0° / 46.0° 86 % 3.4 cd/lm 1	000 000 000 000 000 000 000 000 000 00
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	20.0° / 46.0° 86 % 3.4 cd/lm 1	gr (100)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	20.0° / 46.0° 86 % 3.4 cd/lm 1	gr (100)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	20.0° / 46.0° 86 % 3.4 cd/lm 1	000 000 000 000 000 000 000 000 000 00
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	20.0° / 46.0° 86 % 3.4 cd/lm 1 White	5° 500 50
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	20.0° / 46.0° 86 % 3.4 cd/lm 1 White	200 200 200 200 200 200 200 200
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7°	30 30 30 <
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7° 92 %	30 30 30 <
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7° 92 % 2.4 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7° 92 % 2.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7° 92 % 2.4 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7° 92 % 2.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7° 92 % 2.4 cd/lm 1	27. 20. 20. 20. 20. 20. 20. 20. 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	20.0° / 46.0° 86 % 3.4 cd/lm 1 White XHP50 26.4° / 61.7° 92 % 2.4 cd/lm 1	27. 20. 20. 20. 20. 20. 20. 20. 20



PHOTOMETRIC DATA (SIMULATED):

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP70.3 32.0° / 72.0° 93 % 1.8 cd/lm 1 White	21, 12, 160 12, 24 21, 160 6, 160 6, 160 6, 160 100 100 100 100 100 100 100
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NFMW48xA 24.0° / 54.0° 90 % 2.8 cd/lm 1 White	200 200 200 200 200 200 200 200
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4WB35AM 24.0° / 60.0° 95 % 2.8 cd/lm 1 White	