HB-2X2-5050-S

~25° spot beam for industrial applications



TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10.4 mm
Fastening	screw
ROHS compliant	yes

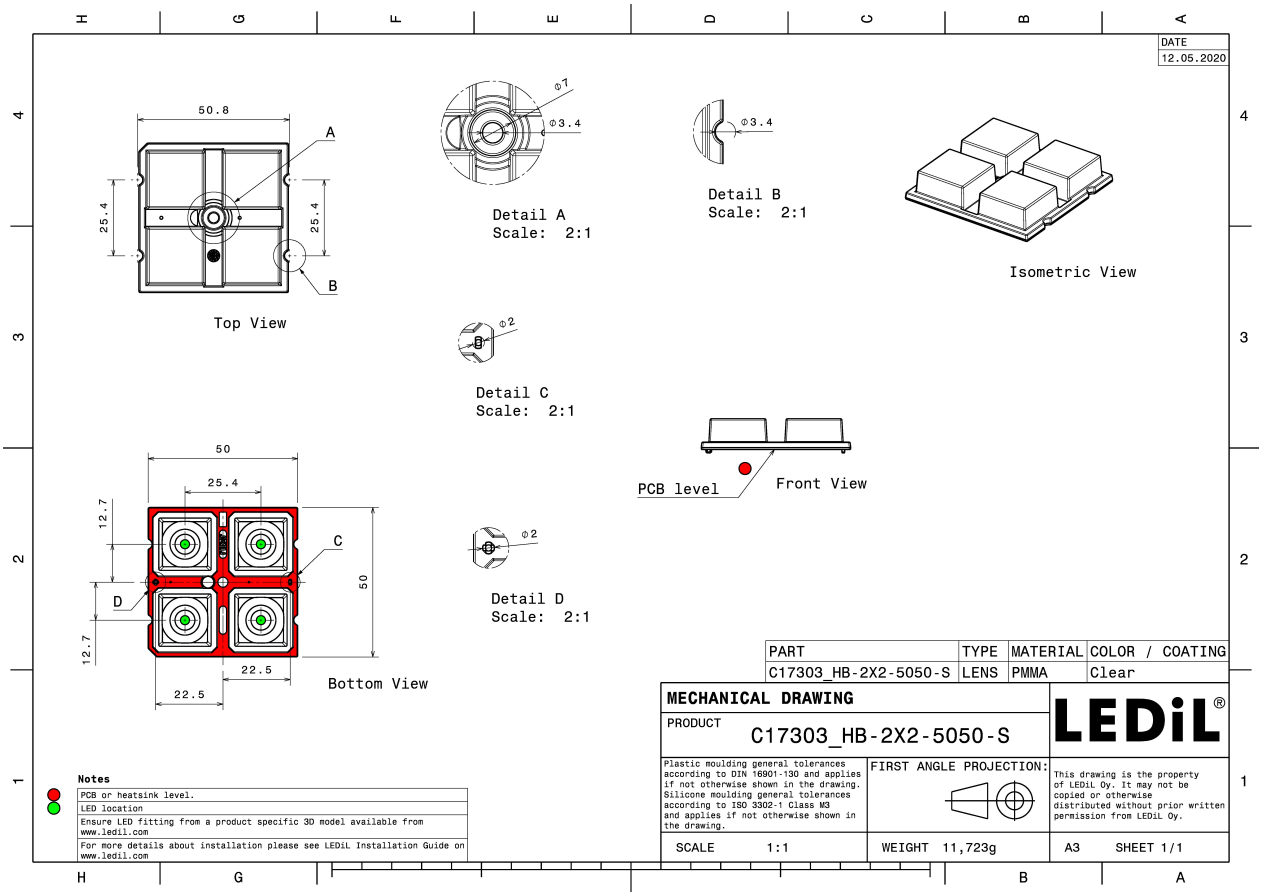
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HB-2X2-5050-S	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17303_HB-2X2-5050-S » Box size: 480 x 280 x 300 mm	800	160	160	10.2

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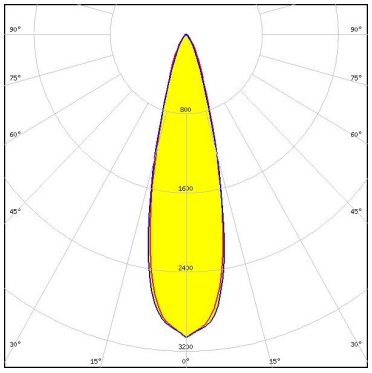


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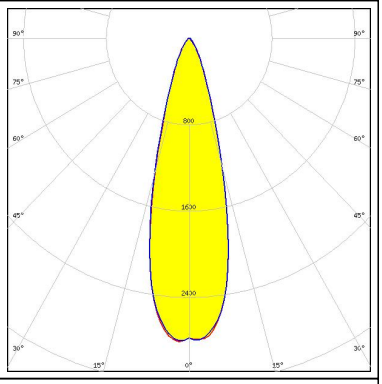
LUMILEDS

LED	LUXEON 5050 Round LES
FWHM	27.0°
Efficiency	90 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



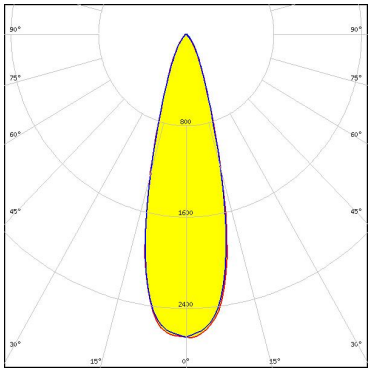
NICHIA

LED	NFMW48xA
FWHM	28.0°
Efficiency	93 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



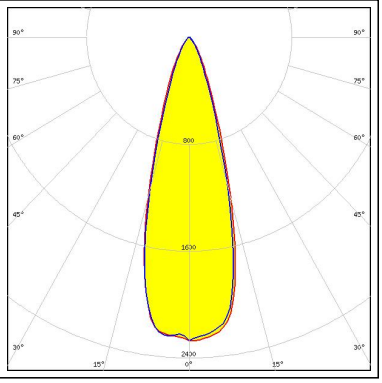
NICHIA

LED	NFMW48xA
FWHM	29.0°
Efficiency	90 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	31.0°
Efficiency	87 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

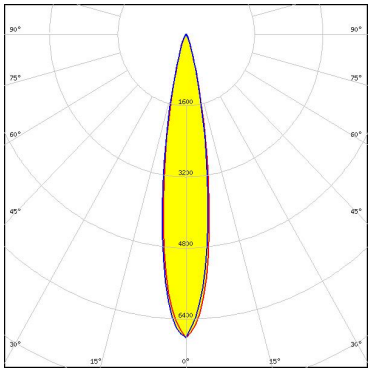


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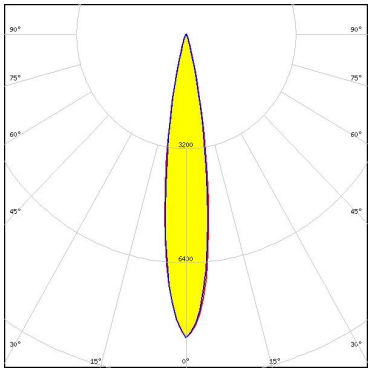
OSRAM Opto Semiconductors

LED	OSCONIQ P 3737 Flat
FWHM	18.0°
Efficiency	95 %
Peak intensity	6.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



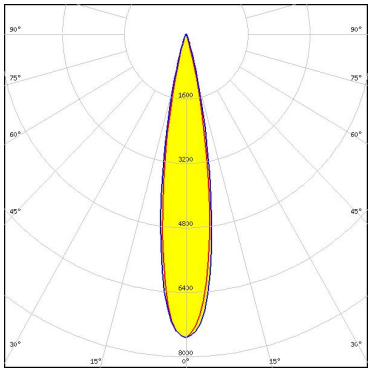
OSRAM Opto Semiconductors

LED	OSLON Square Flat
FWHM	17.0°
Efficiency	96 %
Peak intensity	8.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



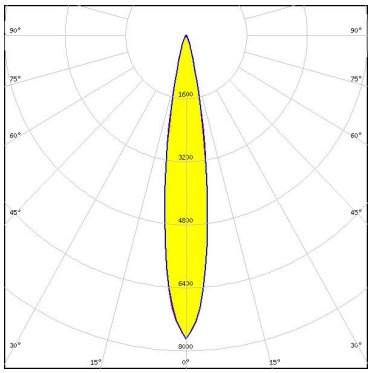
OSRAM Opto Semiconductors

LED	OSTAR Projection Compact (Kx.CSLNM1.xx)
FWHM	19.0°
Efficiency	96 %
Peak intensity	7.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LM301B
FWHM	16.0°
Efficiency	94 %
Peak intensity	7.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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