HB-SQ-WWW

~90° beam



TECHNICAL SPECIFICATIONS:

Dimensions	25.0 x 25.0 mm
Height	9.8 mm
Fastening	glue, pin, screw
ROHS compliant	yes

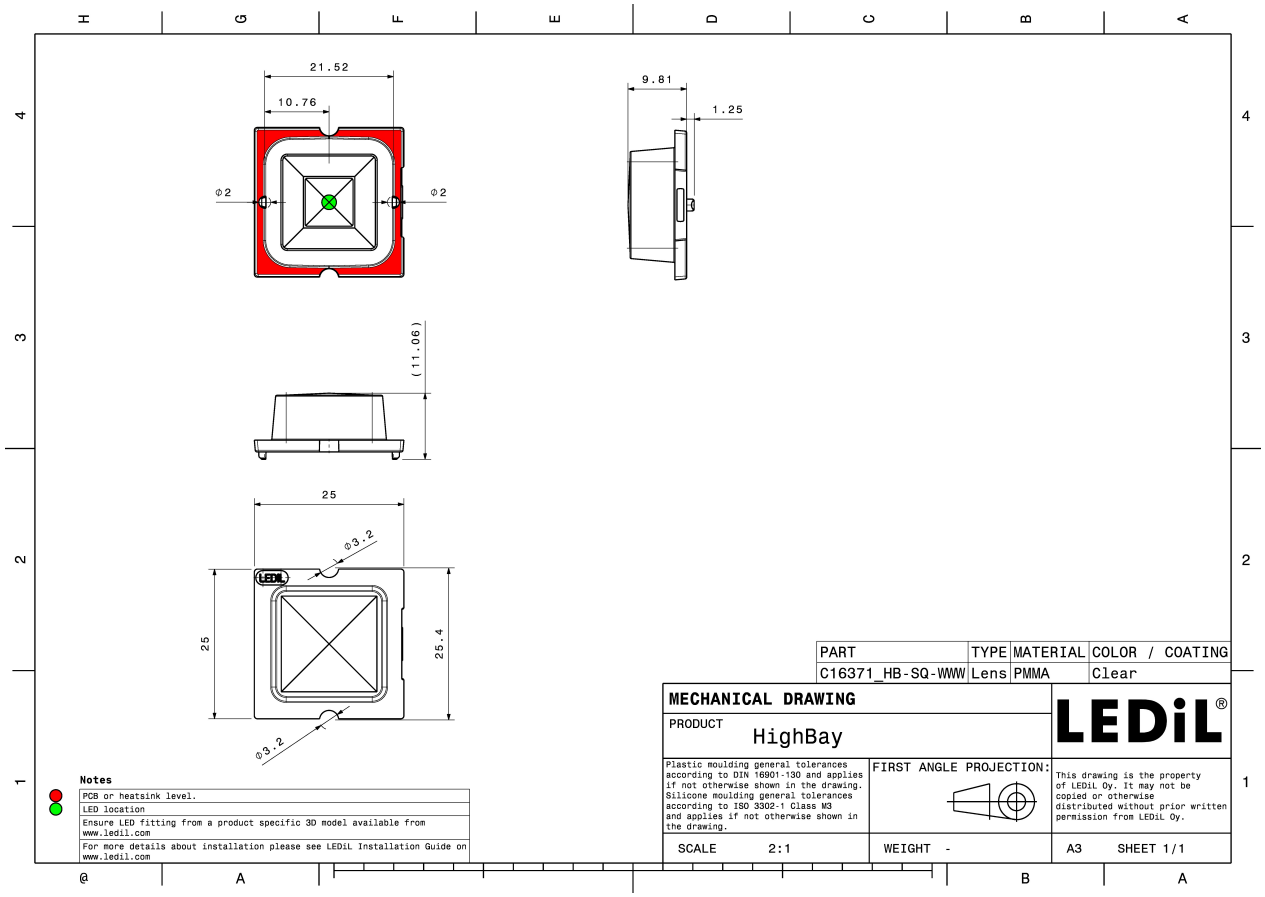
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HB-SQ-WWW	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16371_HB-SQ-WWW » Box size: 480 x 280 x 300 mm	2058	294	98	8.6

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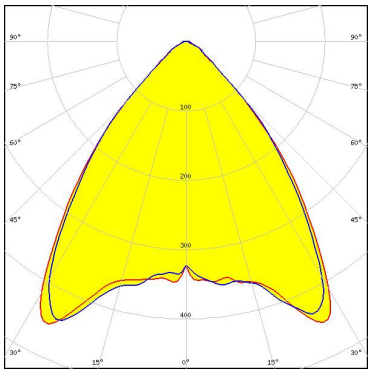
See also our general installation guide: www.ledil.com/installation_guide

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PHOTOMETRIC DATA (SIMULATED):

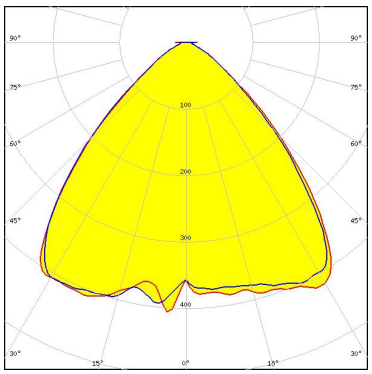
CREE LED

LED	J Series 2835
FWHM / FWTM	78.0° / 104.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



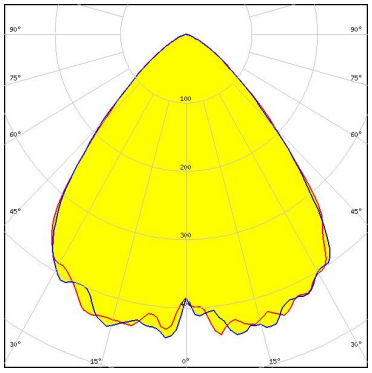
CREE LED

LED	XHP50.2
FWHM / FWTM	90.0° / 122.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



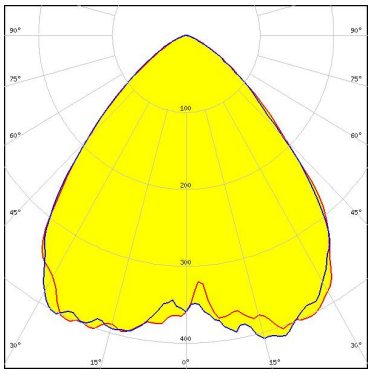
CREE LED

LED	XHP70
FWHM / FWTM	84.0° / 117.0°
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XHP70.2
FWHM / FWTM	86.0° / 120.0 + 122.0°
Efficiency	85 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

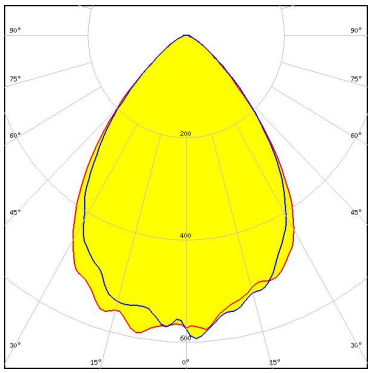


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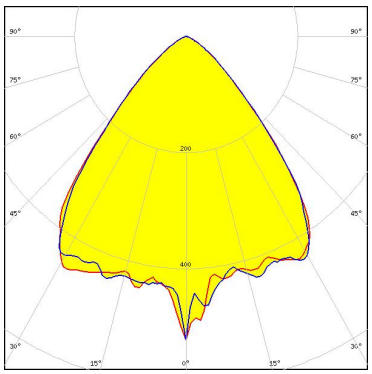
LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	77.0° / 112.0°
Efficiency	95 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



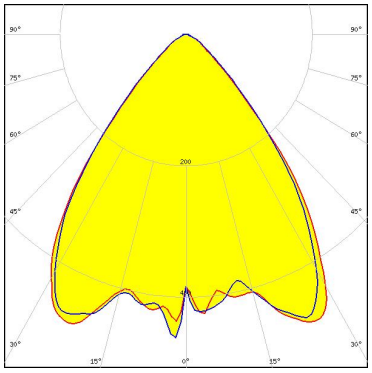
LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	80.0° / 110.0°
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



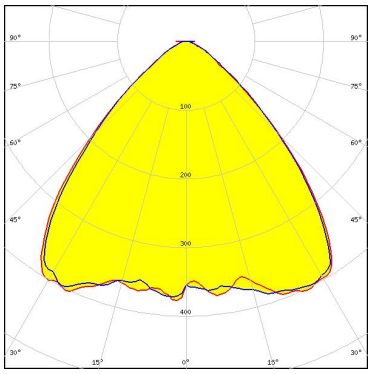
LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	79.0° / 105.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NV4x144A
FWHM / FWTM	89.0° / 120.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

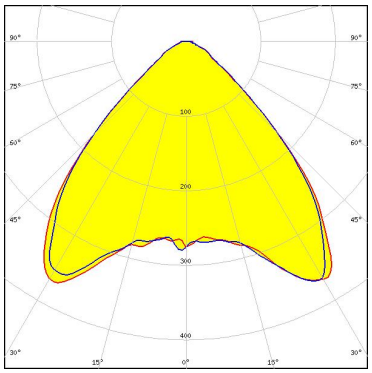


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PHOTOMETRIC DATA (SIMULATED):

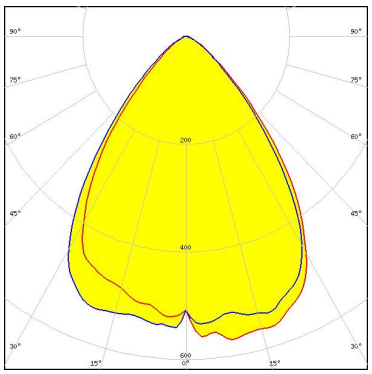
NICHIA

LED	NVSW519A
FWHM / FWTM	89.0° / 120.0°
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



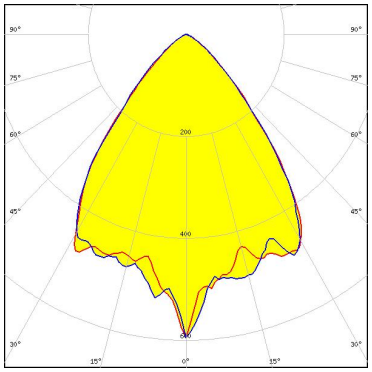
OSRAM
Opto Semiconductors

LED	Duris S10
FWHM / FWTM	77.0° / 109.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	76.0° / 105.0°
Efficiency	91 %
Peak intensity	0.6 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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