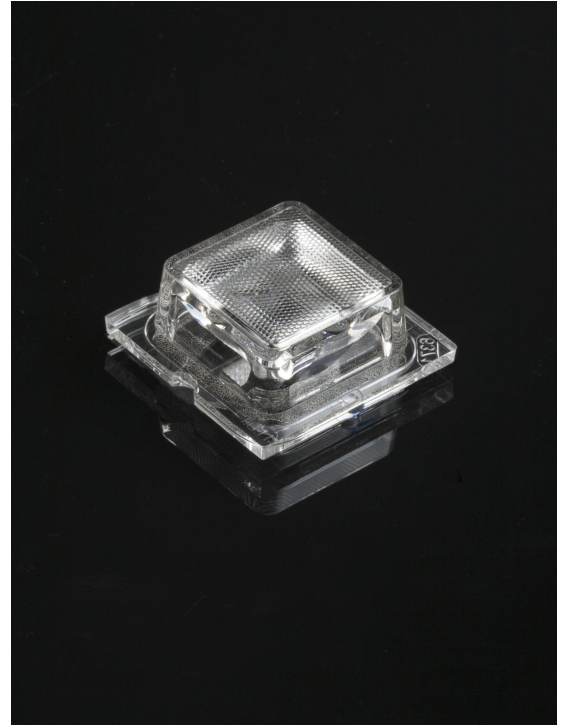


HB-SQ-WWW

~90° beam

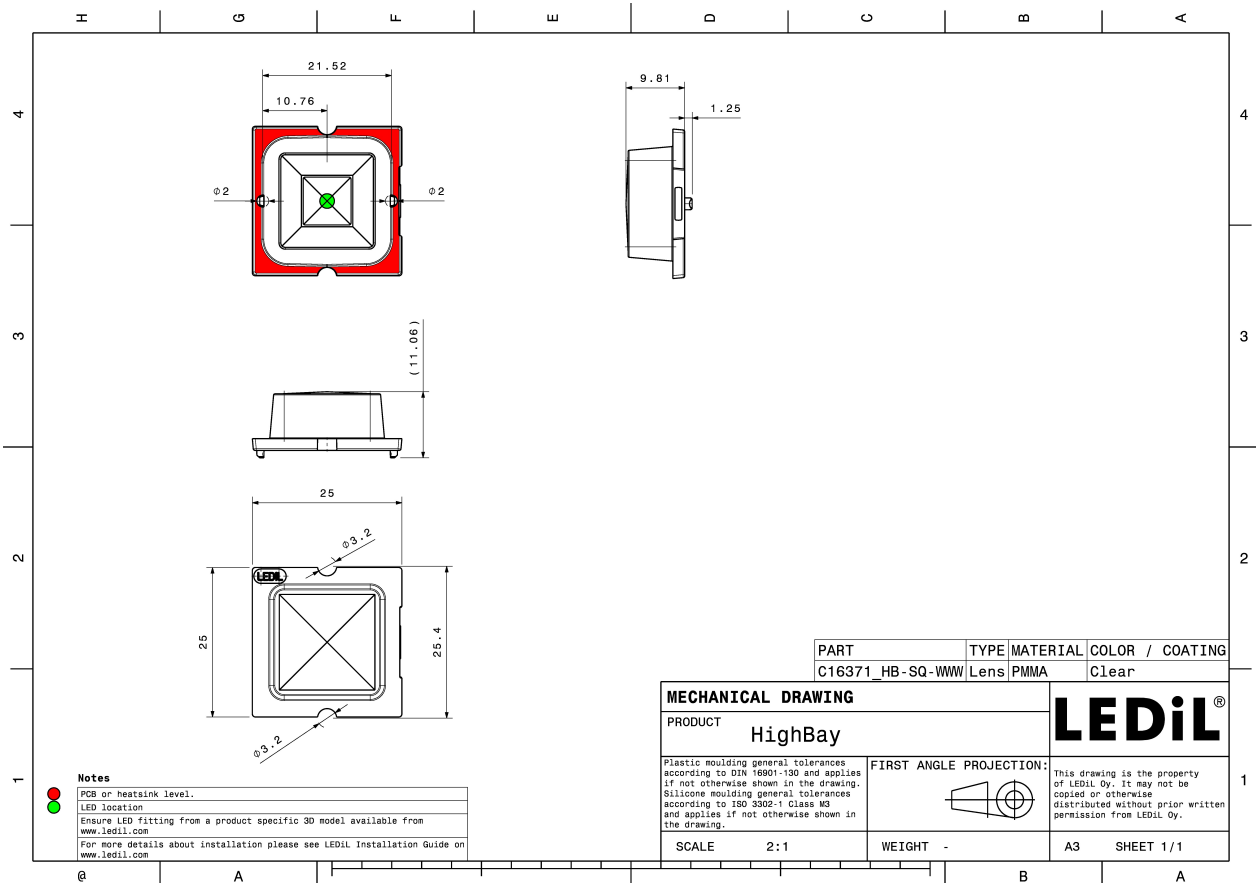
TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	9.8 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.6 kg
Quantity in Box	2058 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

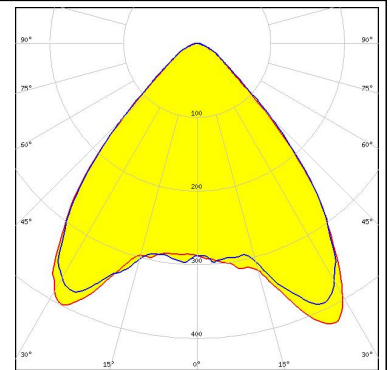
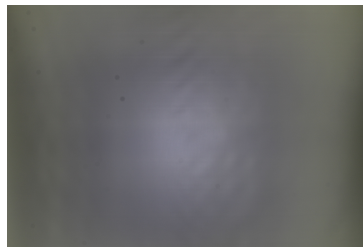
Component	Type	Material	Colour
HB-SQ-WWW	Single lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):



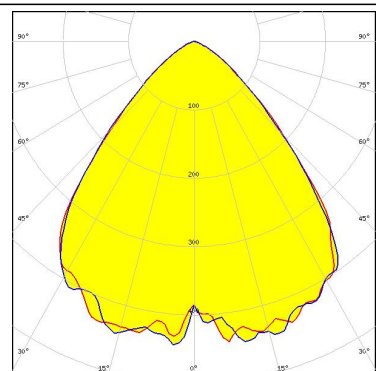
LED NVSW319B
FWHM 89.0°
Efficiency 94 %
Peak intensity 0.620 cd/lm
LEDs/each optic 1
Light colour White
Required components:



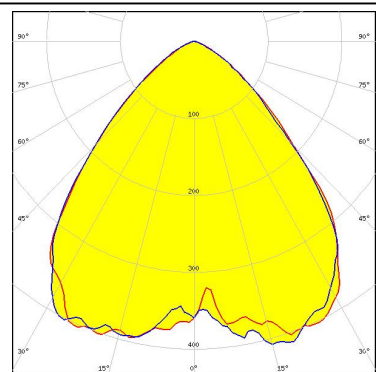
PHOTOMETRIC DATA (SIMULATED):



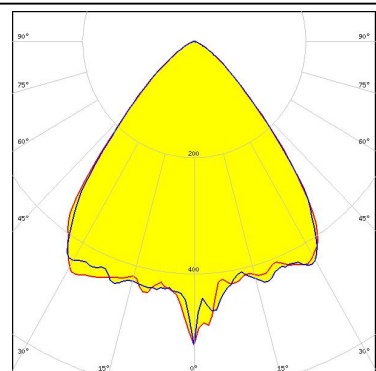
LED XHP70
FWHM 84.0°
Efficiency 88 %
Peak intensity 0.480 cd/lm
LEDs/each optic 1
Light colour White
Required components:



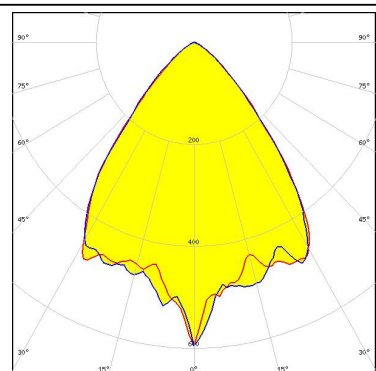
LED XHP70.2
FWHM 86.0°
Efficiency 85 %
Peak intensity 0.420 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON M/MX
FWHM 80.0°
Efficiency 89 %
Peak intensity 0.520 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 7070
FWHM 76.0°
Efficiency 91 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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