


HB-SQ-WWW

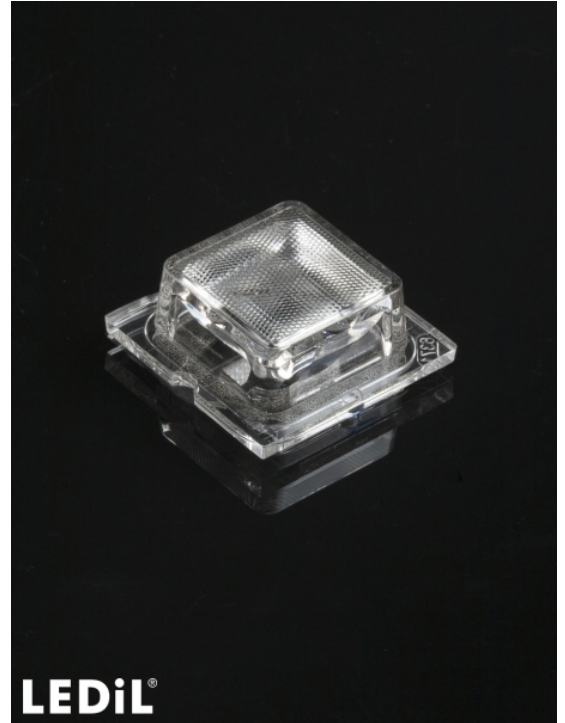
~90° beam. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes 

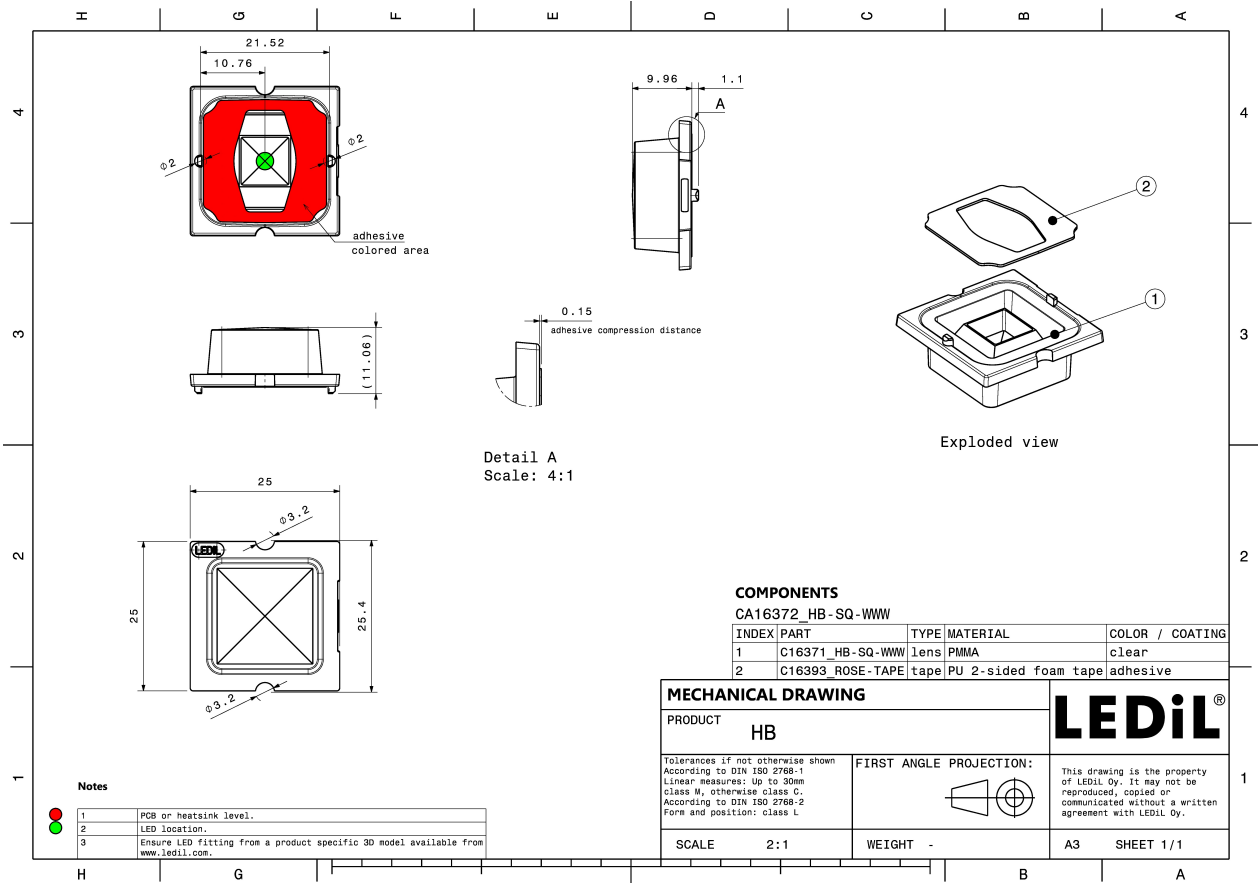
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HB-SQ-WWW	Single lens	PMMA	clear	
ROSE-TAPE	Tape	PU tape	black	



ORDERING INFORMATION:

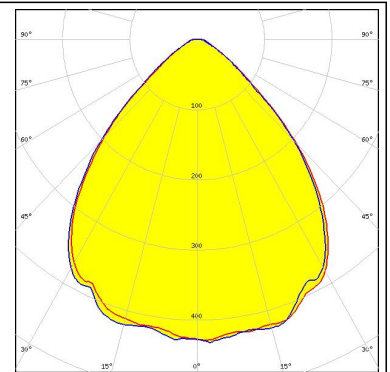
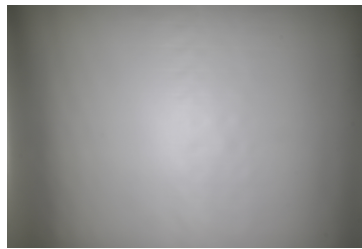
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16372_HB-SQ-WWW » Box size: 480 x 280 x 300 mm	Single lens	2058	294	98	8.9



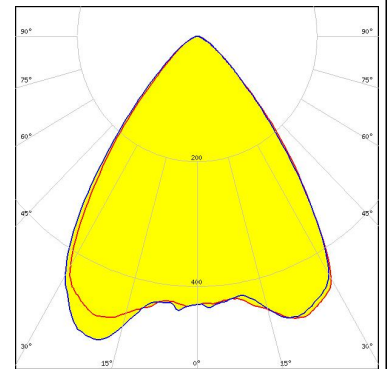
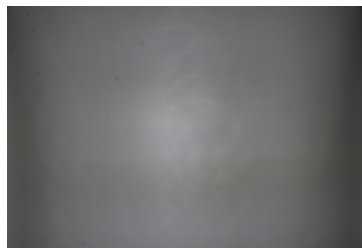
PHOTOMETRIC DATA (MEASURED):




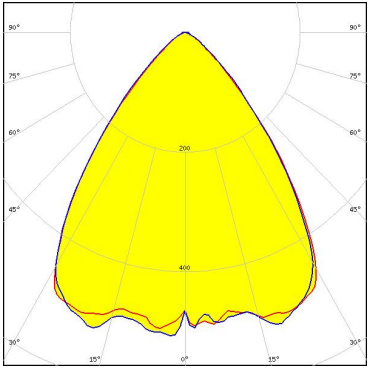

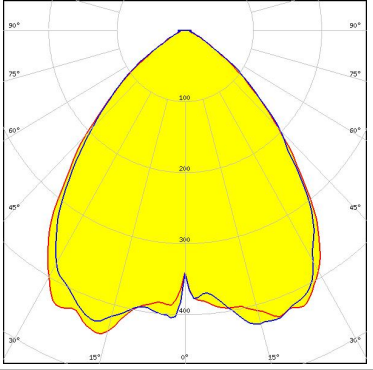



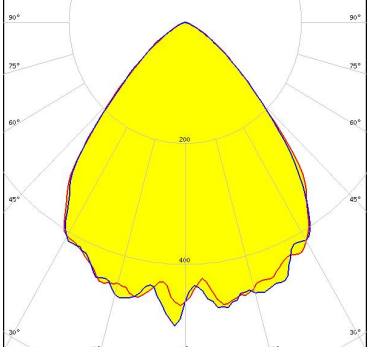
LED XHP70
FWHM 88.0°
Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 5050 Round LES
FWHM 80.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



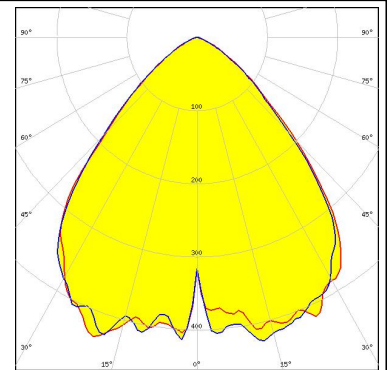
PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 77.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE</p> <p>LED MHD-E/G FWHM 85.5° Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE</p> <p>LED XHP50.2 FWHM 86.0° Efficiency 93 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE</p> <p>LED XHP70 FWHM 83.0° Efficiency 89 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

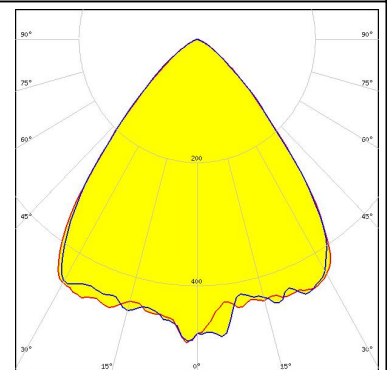
PHOTOMETRIC DATA (SIMULATED):



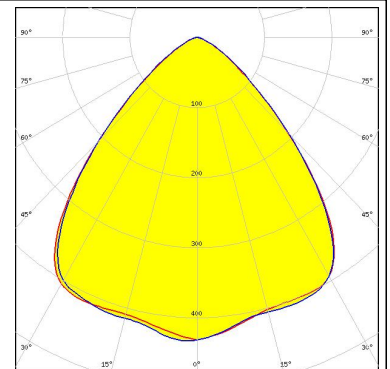
LED XHP70.2
FWHM 85.0°
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON M/MX
FWHM 80.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



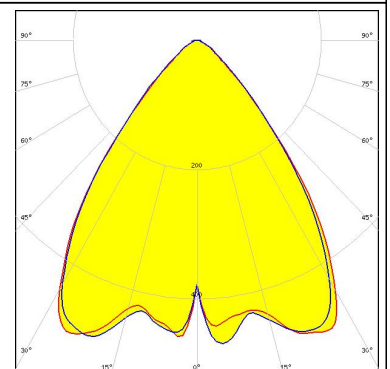
LED LUXEON M/MX
FWHM 88.0°
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Transparent protective cover



LED LUXEON MZ
FWHM 77.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON V FWHM 81.0° Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NV4x144A FWHM 86.0° Efficiency 90 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S10 FWHM 74.0° Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 7070 FWHM 75.0° Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

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:

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[C17171_DAISSY-8X1-SHD-MATT](#) [C17172_DAISSY-8X1-SHD-MATT-WHT](#) [C17173_DAISSY-4X1-WW-US](#) [C17341_DAISSY-4X1-WW-US-](#)
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[CN16210_GABRIELLA-MIDI-W](#) [CP17138_CARMEN-M2-C-WHT](#) [CP17137_CARMEN-M2-C](#) [CA16015_STRADA-SQ-SCL](#)
[C16989_DAISSY-7X1-W2](#) [C17225_DAISSY-7X1-SHD-WHT-MATT](#) [C17296_ILONA-ZOOM-SUB](#) [FP15752_STRADA-2X2MXS-T3](#)
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[SC-B](#) [CA15584_ZORYA-MINI-TAPE](#)