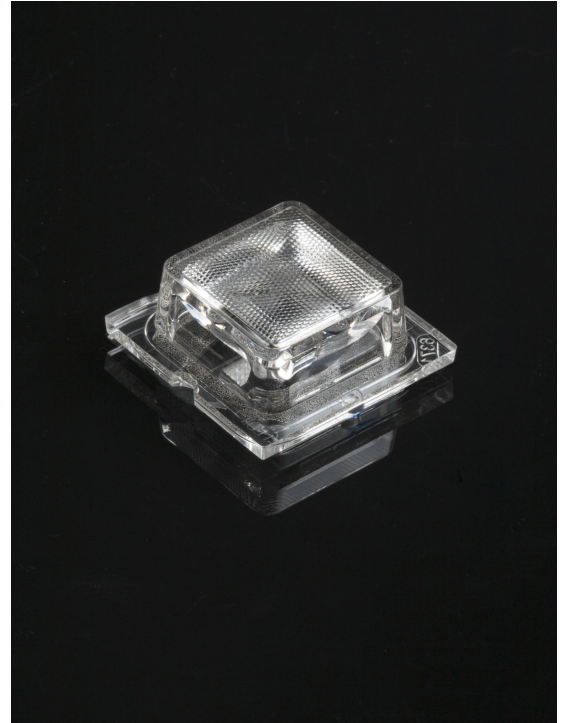


HB-SQ-WWW

~90° beam. Assembly with installation tape.

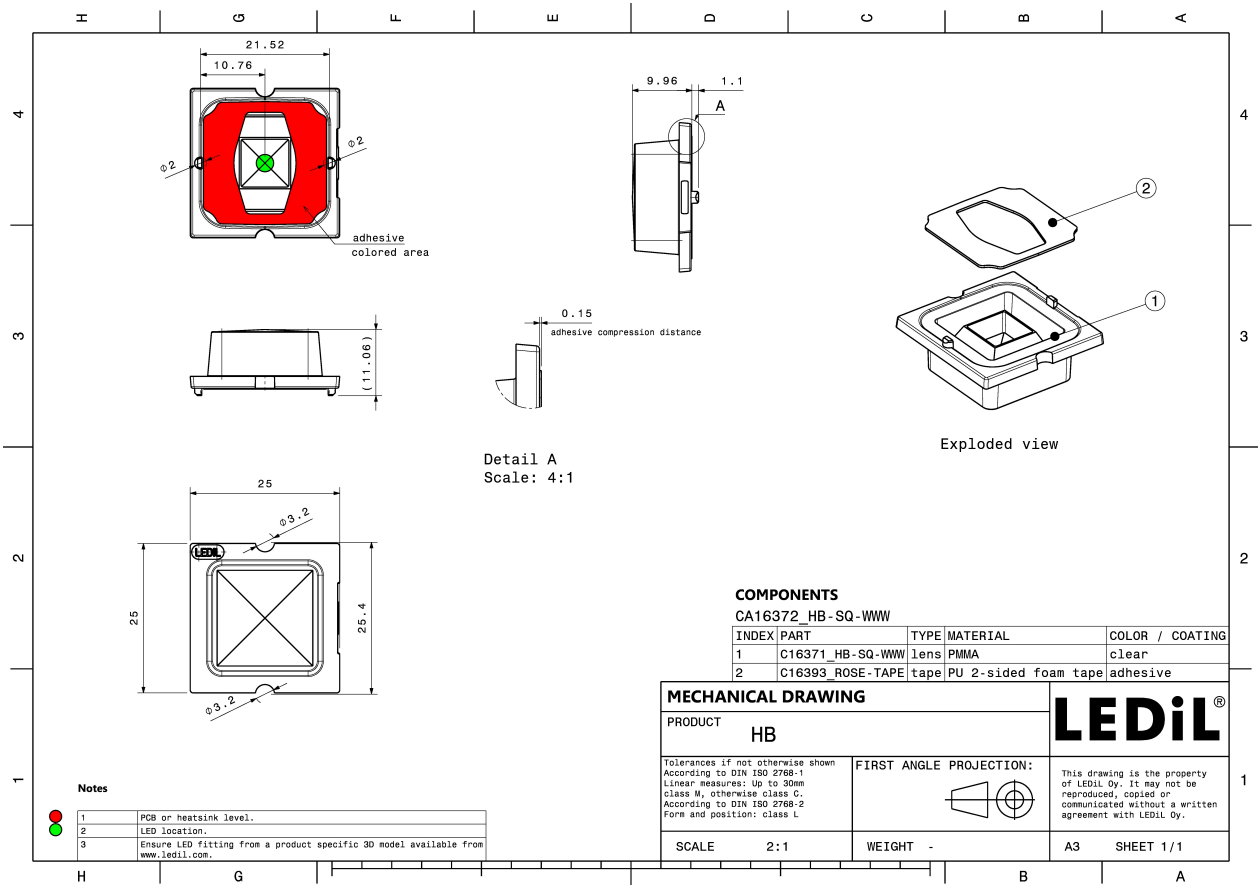
TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	10 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.9 kg
Quantity in Box	2058 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

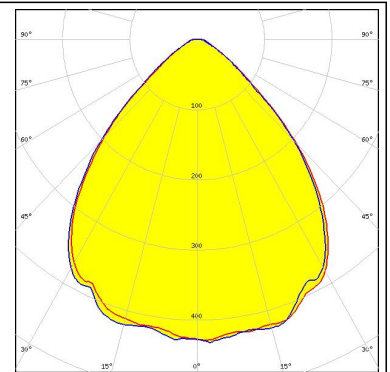
Component	Type	Material	Colour
HB-SQ-WWW	Single lens	PMMA	clear
ROSE-TAPE	Tape	PU tape	black



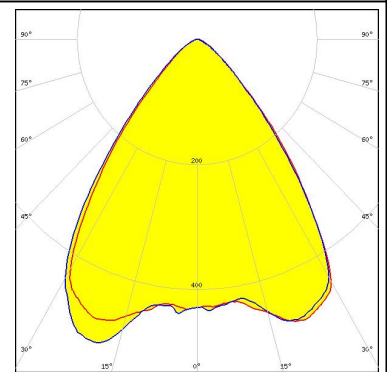
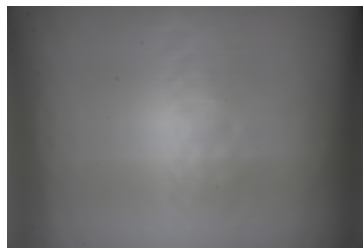
PHOTOMETRIC DATA (MEASURED):




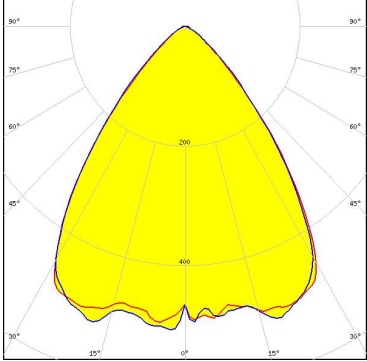

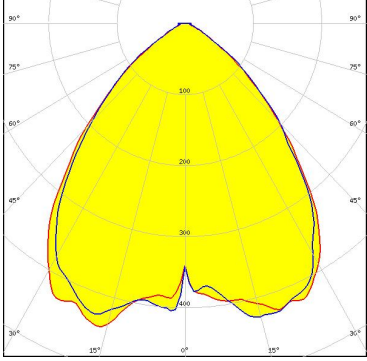

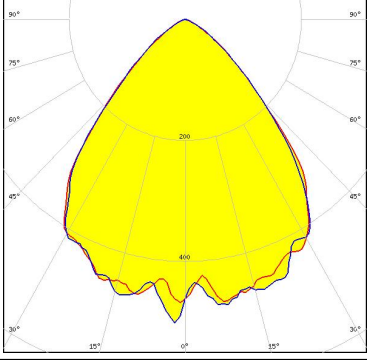

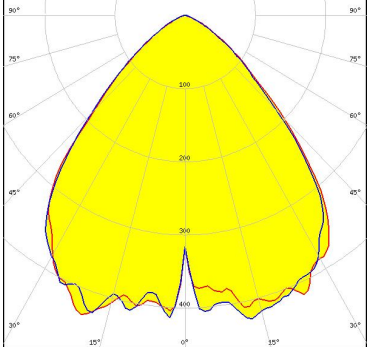
LED XHP70
FWHM 88.0°
Efficiency 91 %
Peak intensity 0.430 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 5050
FWHM 80.0°
Efficiency 93 %
Peak intensity 0.540 cd/lm
LEDs/each optic 1
Light colour White
Required components:



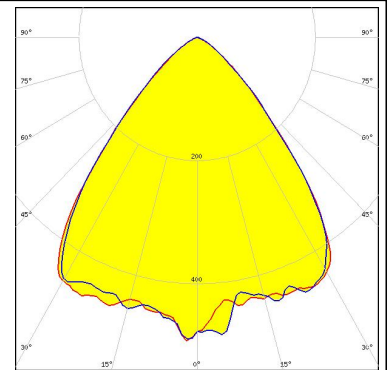
PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 77.0° Efficiency 93 % Peak intensity 0.540 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 0.450 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 0.500 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE</p> <p>LED XHP70.2 FWHM 85.0° Efficiency 86 % Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

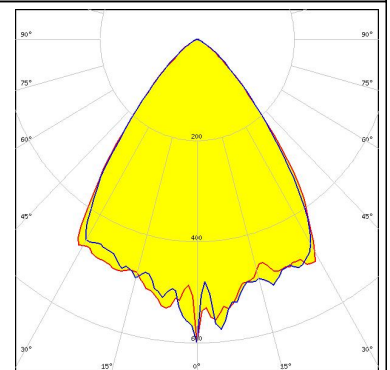
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON M/MX
FWHM 80.0°
Efficiency 90 %
Peak intensity 0.550 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 7070
FWHM 75.0°
Efficiency 91 %
Peak intensity 0.630 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:

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
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