

HB-SQ-A

~50° wide beam

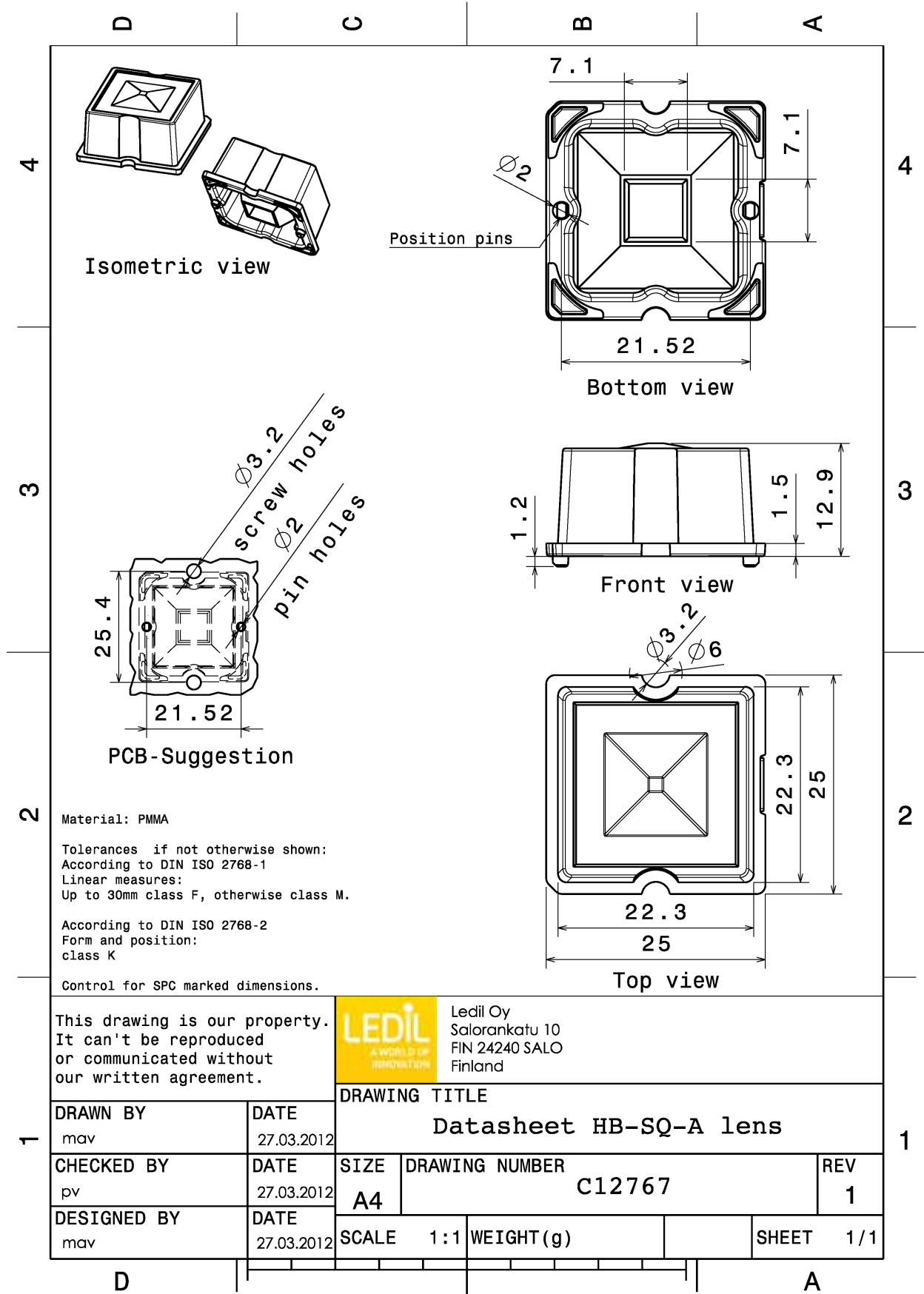
TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	12.9 mm
Fastening	glue, screw, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.7 kg
Quantity in Box	1960 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

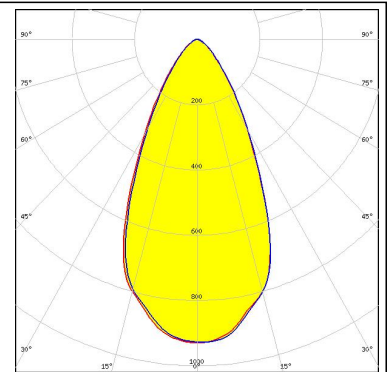
Component	Type	Material	Colour
HB-SQ-A	Single lens	PMMA	clear



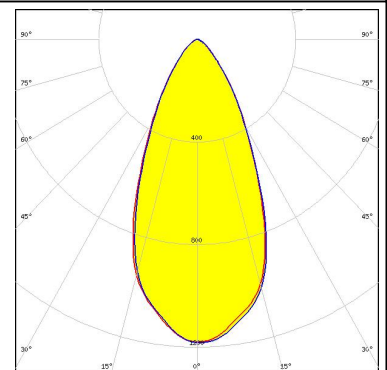
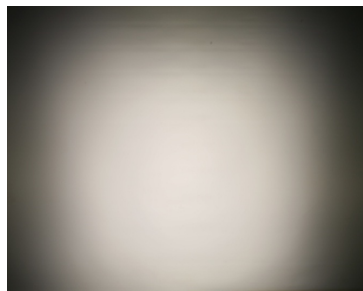
PHOTOMETRIC DATA (MEASURED):



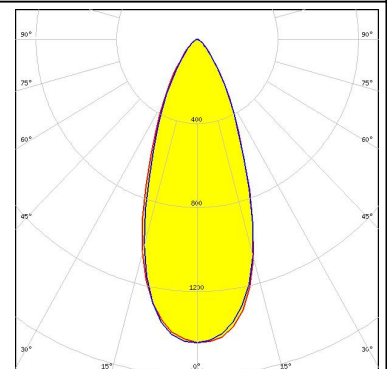
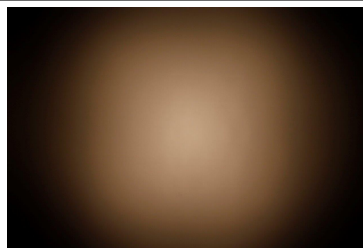
LED MK-R
 FWHM 54.0°
 Efficiency 86 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



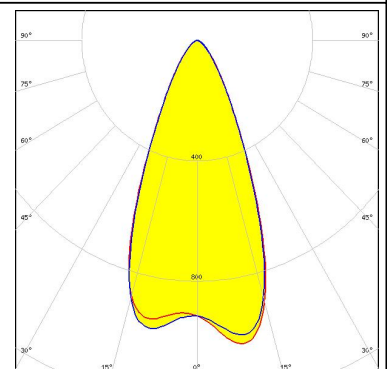
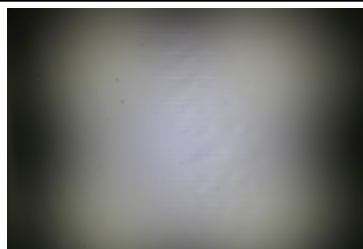
LED LUXEON M/MX
 FWHM 50.0°
 Efficiency 91 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON MZ
 FWHM 42.0°
 Efficiency 87 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW319B
 FWHM 45.0°
 Efficiency 83 %
 Peak intensity 1.100 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
Hong Kong, China

Distribution Partners

[www.ledil.com/
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