

LISA2-WW-CLIP

~45° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

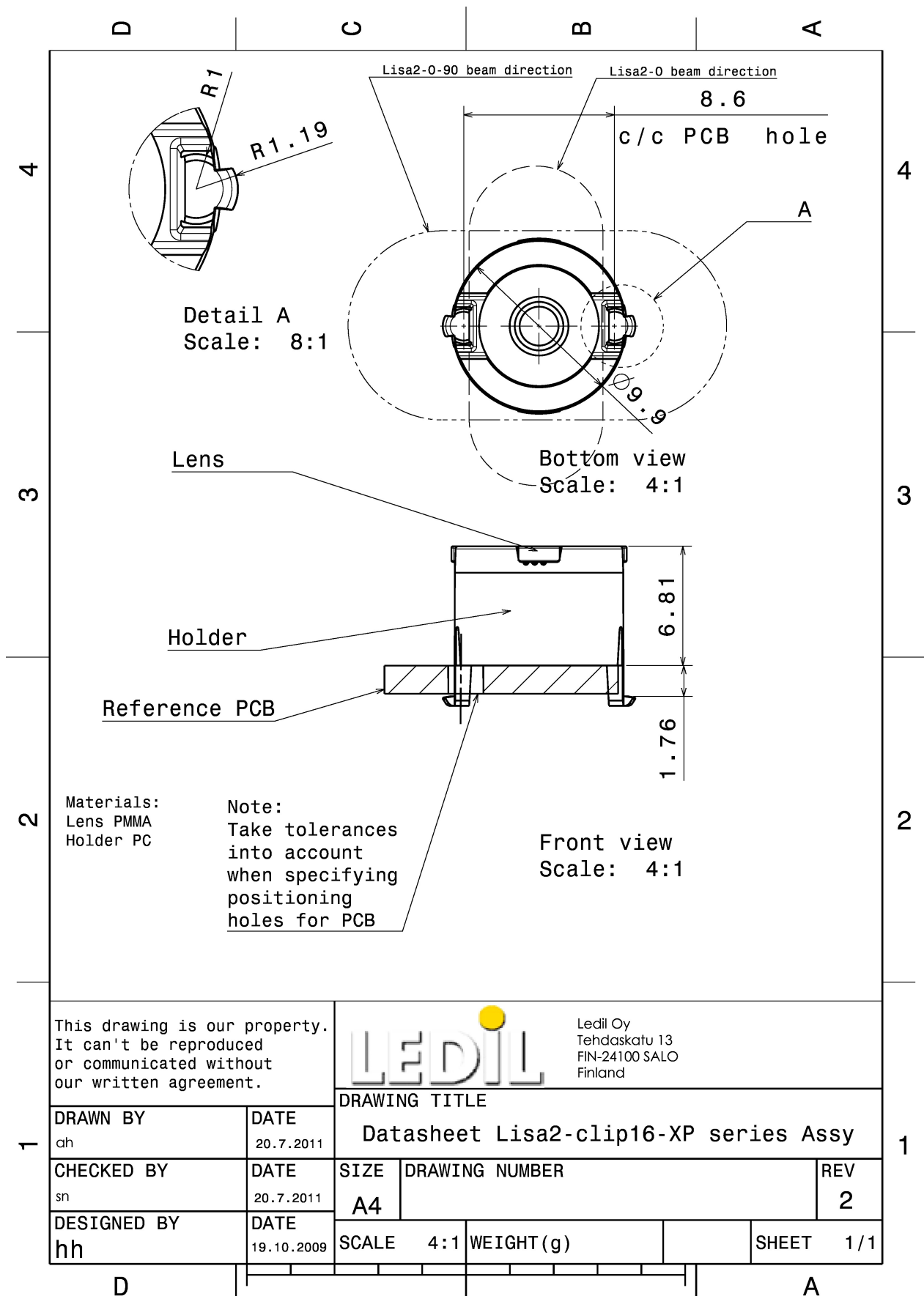
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, clips
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

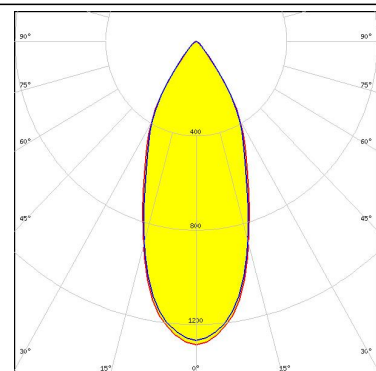
Component	Type	Material	Colour
LISA2-WW	Single lens	PMMA	clear
LISA2-HLD-CLIP16-XP	Holder	PC	black



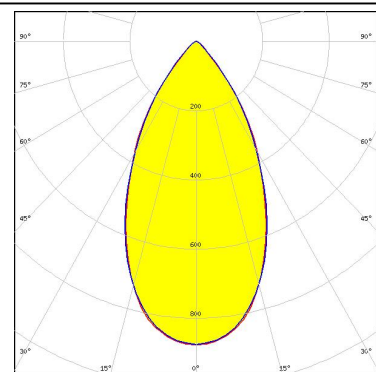
PHOTOMETRIC DATA (MEASURED):



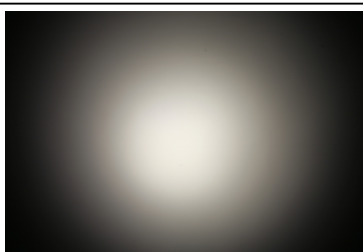
LED XP-E
FWHM 42.0°
Efficiency 91 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



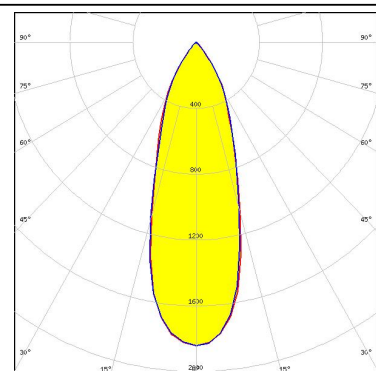
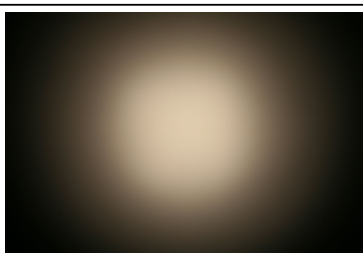
LED XP-G
FWHM 54.0°
Efficiency 90 %
Peak intensity 0.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Z
FWHM 28.0°
Efficiency 87 %
Peak intensity 2.260 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Z ES
FWHM 35.0°
Efficiency 88 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



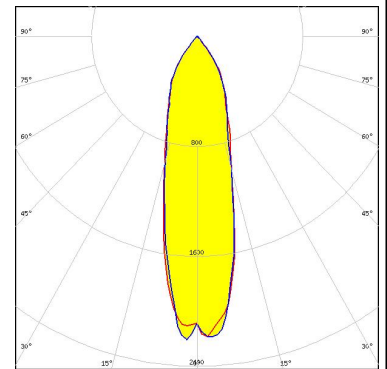
PHOTOMETRIC DATA (SIMULATED):



LED XQ-E HD
FWHM 72.0°
Efficiency 90 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM 27.0°
Efficiency 89 %
Peak intensity 2.300 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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