

HB-5X1-W

~55° wide beam

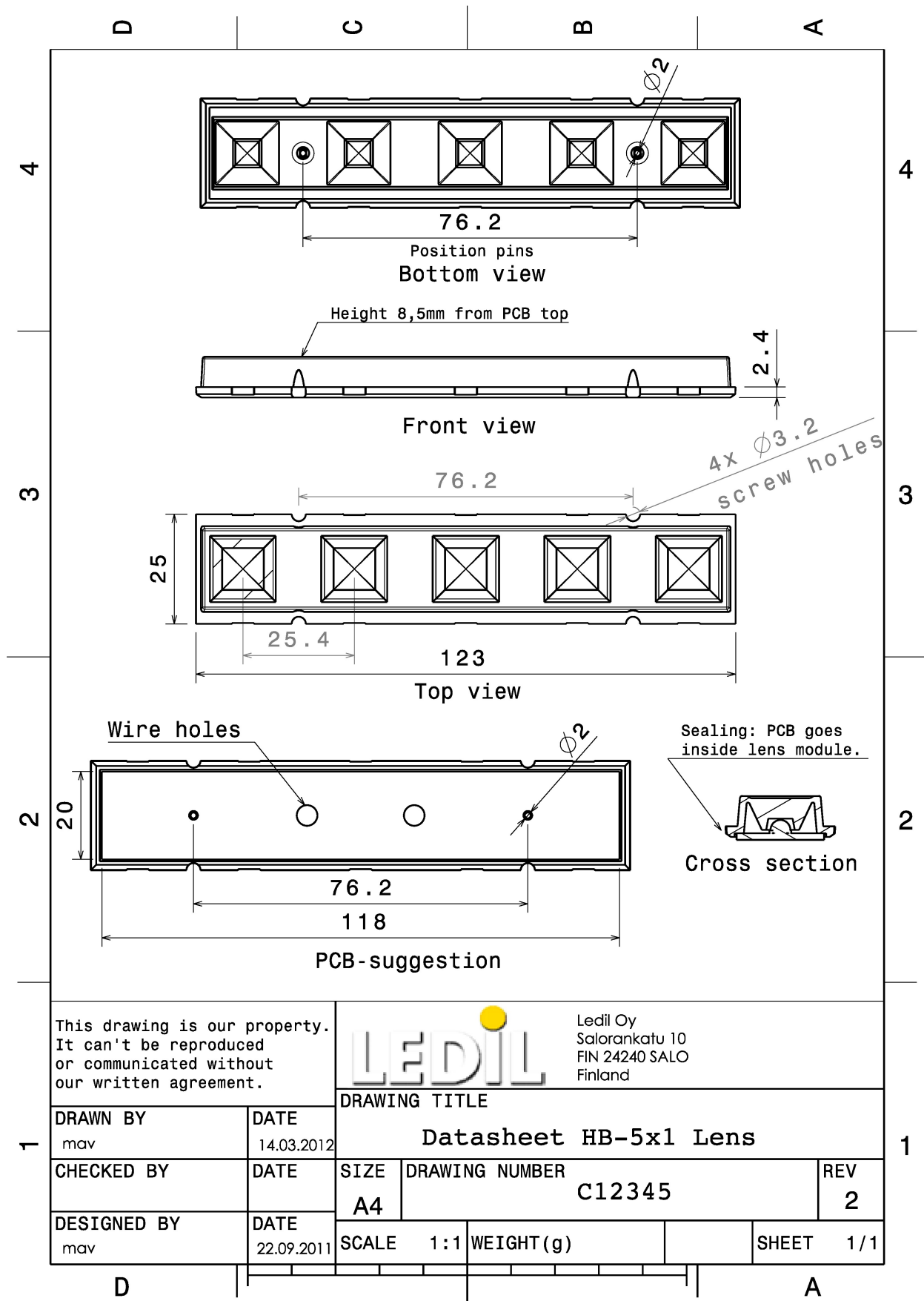
TECHNICAL SPECIFICATIONS:

Dimensions	123.0 x 25.0 mm
Height	9 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.6 kg
Quantity in Box	504 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

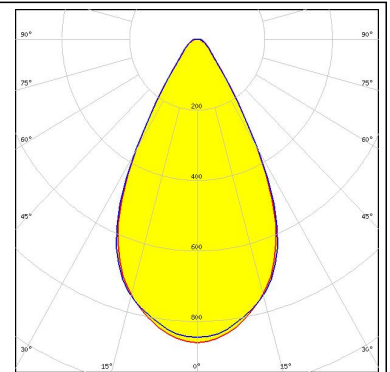
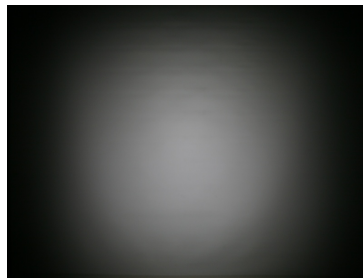
Component	Type	Material	Colour
HB-5X1-W	Multi-lens	PMMA	clear



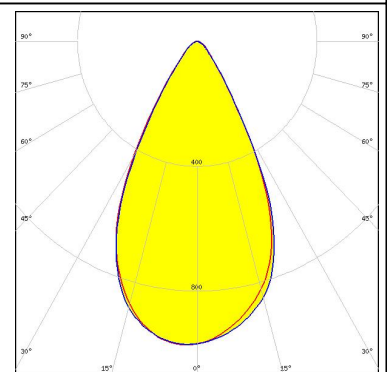
PHOTOMETRIC DATA (MEASURED):



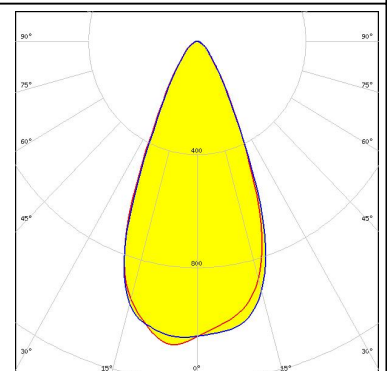
LED XM-L
FWHM 56.0°
Efficiency 89 %
Peak intensity 0.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



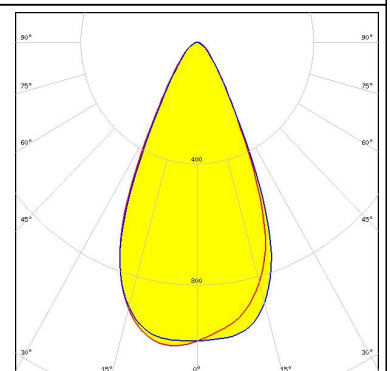
LED XM-L2
FWHM 55.0°
Efficiency 89 %
Peak intensity 0.970 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E
FWHM 47.0°
Efficiency 90 %
Peak intensity 1.090 cd/lm
LEDs/each optic 1
Light colour White
Required components:



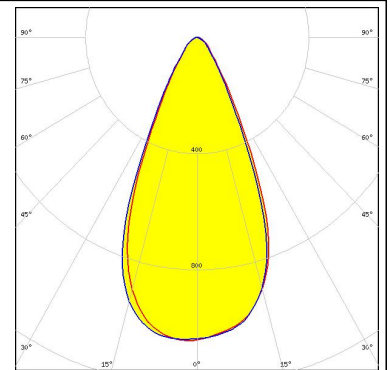
LED XP-G
FWHM 50.0°
Efficiency 89 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



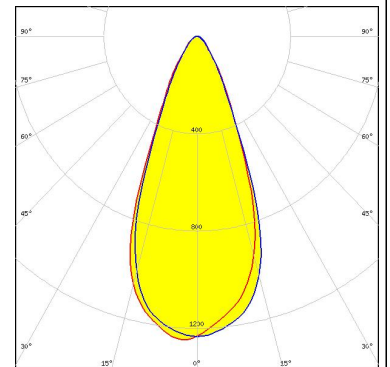
PHOTOMETRIC DATA (MEASURED):



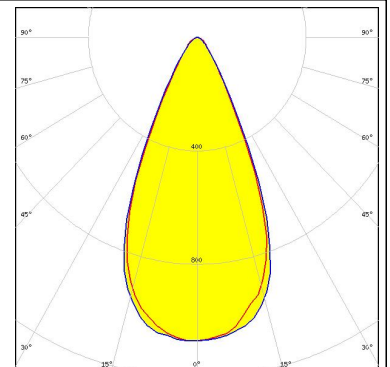
LED XT-E
FWHM 50.0°
Efficiency 87 %
Peak intensity 1.050 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel
FWHM 43.0°
Efficiency 89 %
Peak intensity 1.250 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM 49.0°
Efficiency 85 %
Peak intensity 1.070 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON A
FWHM 45.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON Rebel ES
FWHM 45.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NCSxx19A
FWHM 50.0°
Efficiency %
Peak intensity 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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