

LISA2-M-PIN

~20° medium beam. 6.8 mm high variant with location pin installation.

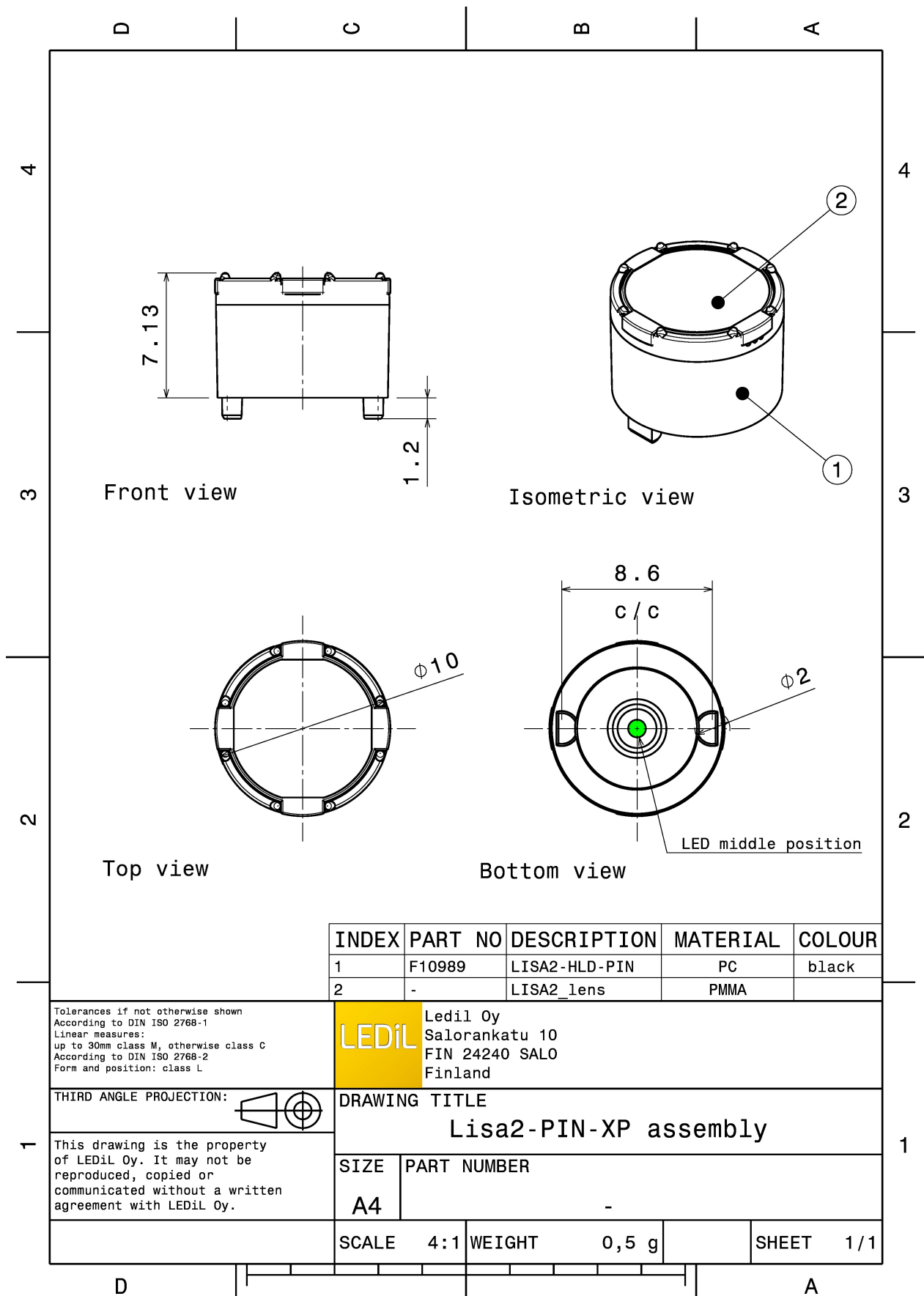
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
Colour	black
Box size	310 x 230 x 60 mm
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-M	Single lens	PMMA	clear
LISA2-HLD-PIN	Holder	PC	black



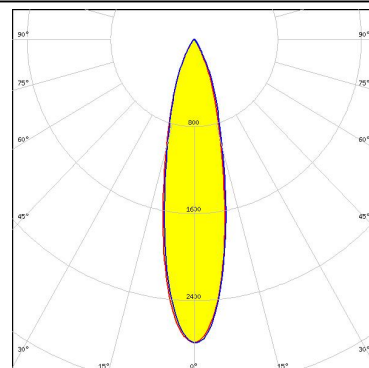
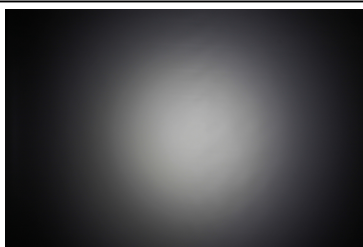
PHOTOMETRIC DATA (MEASURED):

CREE

LED XB-D
FWHM 26.0°
Efficiency 87 %
Peak intensity 2.740 cd/lm
LEDs/each optic 1
Light colour White
Required components:

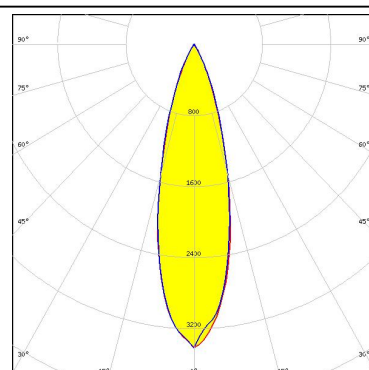
CREE

LED XD16
FWHM 24.0°
Efficiency 74 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



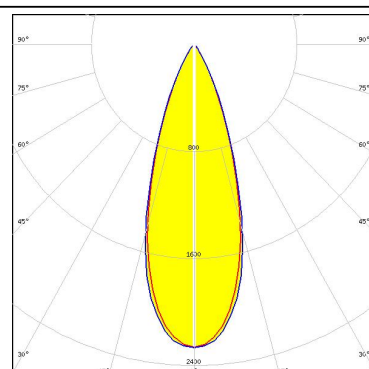
CREE

LED XP-E
FWHM 24.0°
Efficiency 92 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

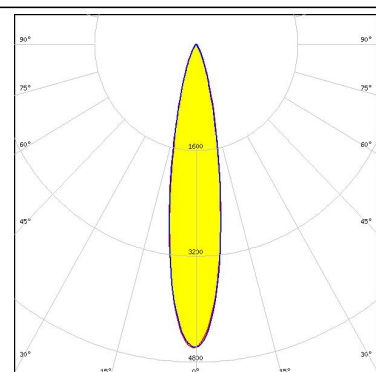
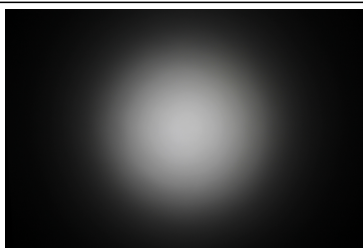
LED XP-G
FWHM 34.0°
Efficiency 91 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



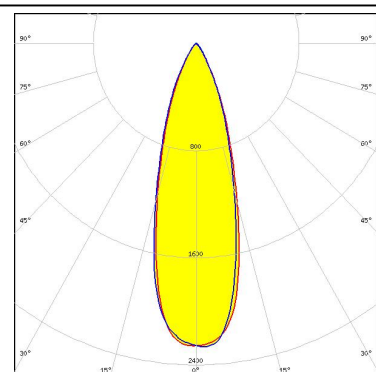
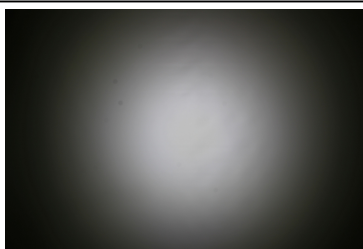
PHOTOMETRIC DATA (MEASURED):



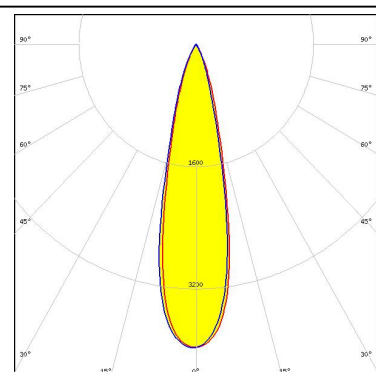
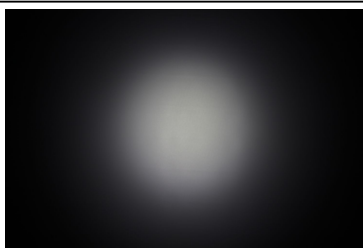
LED XQ-E HI
FWHM 20.0°
Efficiency 85 %
Peak intensity 4.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM 31.0°
Efficiency 85 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM 24.0°
Efficiency 89 %
Peak intensity 3.970 cd/lm
LEDs/each optic 1
Light colour White
Required components:



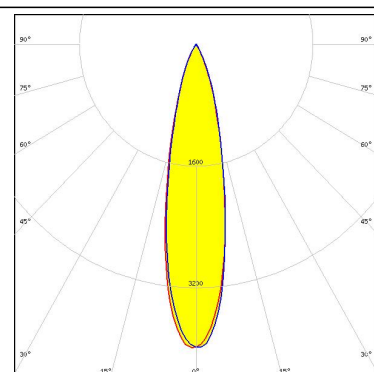
LED LUXEON Z
FWHM 19.0°
Efficiency 86 %
Peak intensity 5.260 cd/lm
LEDs/each optic 1
Light colour White
Required components:



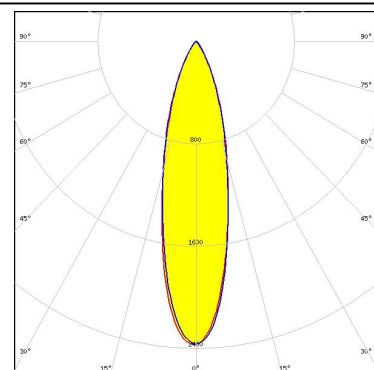
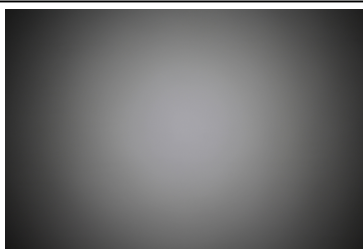
PHOTOMETRIC DATA (MEASURED):



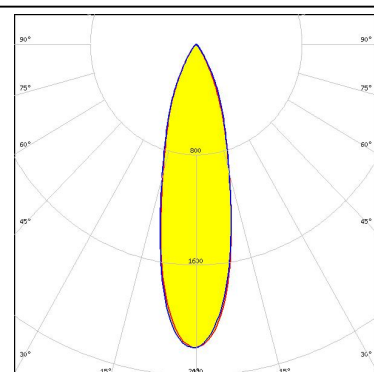
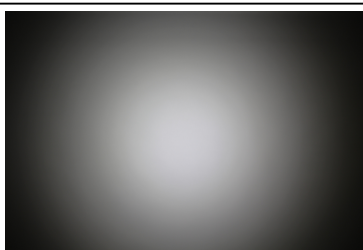
LED LUXEON Z ES
FWHM 23.0°
Efficiency 87 %
Peak intensity 4.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM 26.0°
Efficiency 74 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH181B
FWHM 27.0°
Efficiency 74 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Double Dome (GM2BB)
FWHM 28.0°
Efficiency 88 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



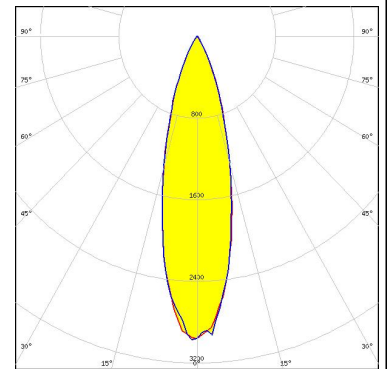
PHOTOMETRIC DATA (SIMULATED):



LED XQ-E HD
FWHM 27.5°
Efficiency 91 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM 27.0°
Efficiency 86 %
Peak intensity 3.020 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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