

LISA2-WWW-PIN

~80° wide beam. 7.0 mm high variant with location pin installation.

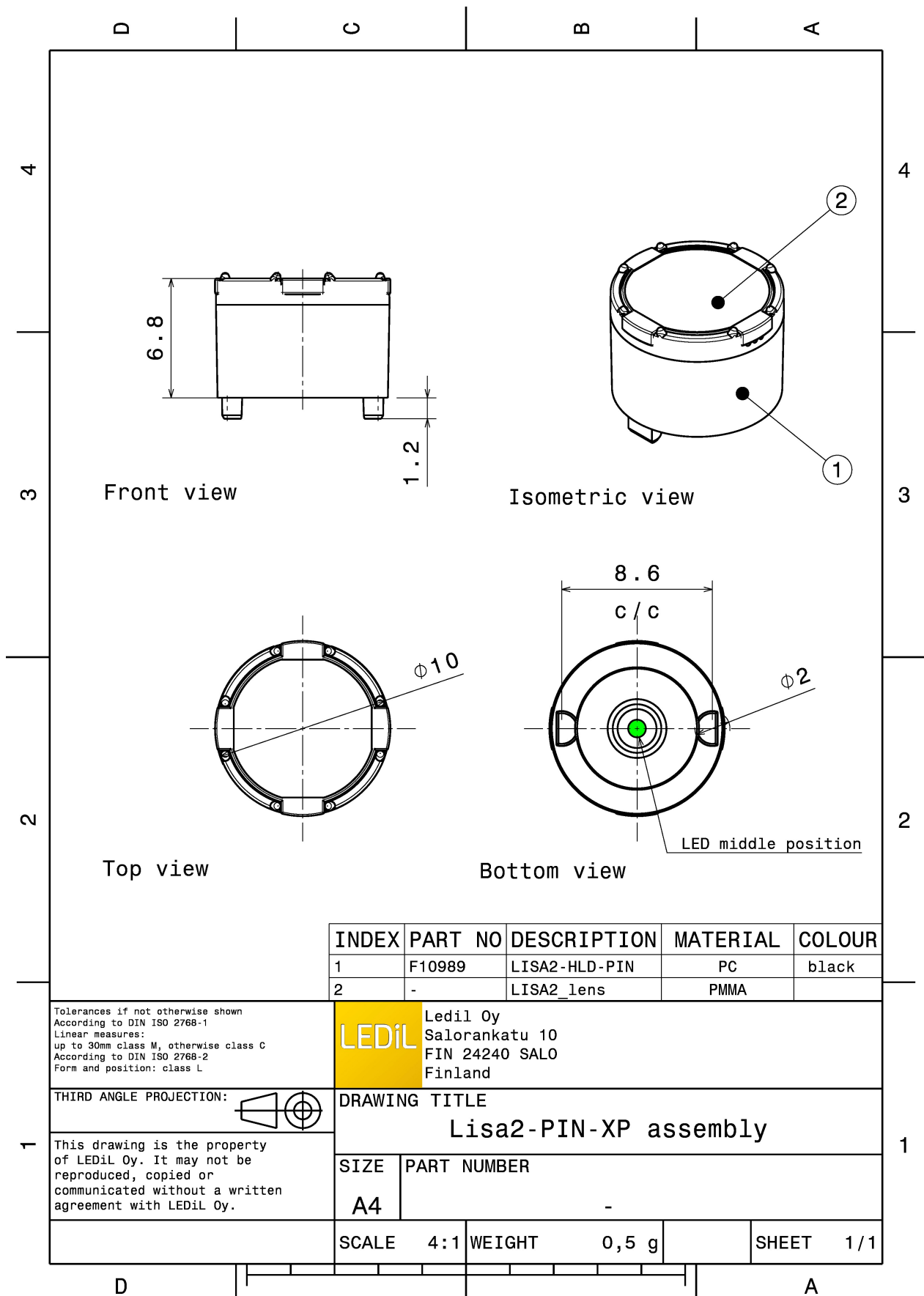
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	7 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

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



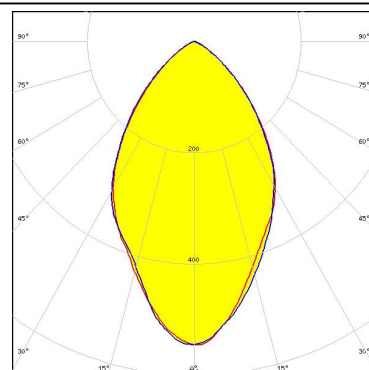
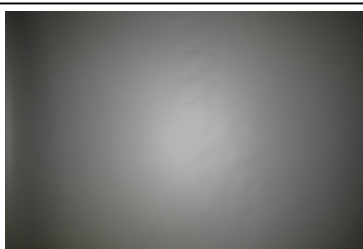
PHOTOMETRIC DATA (MEASURED):

CREE

LED XB-D
FWHM 73.0°
Efficiency 71 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

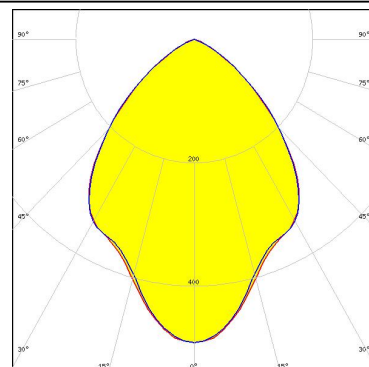
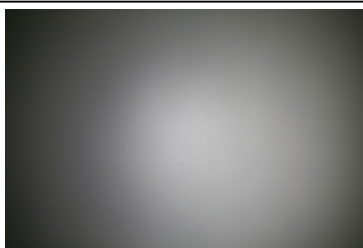
CREE

LED XD16
FWHM 66.0°
Efficiency 66 %
Peak intensity 0.550 cd/lm
LEDs/each optic 1
Light colour White
Required components:



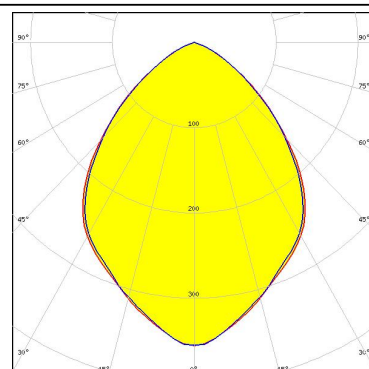
CREE

LED XP-E
FWHM 84.0°
Efficiency 77 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

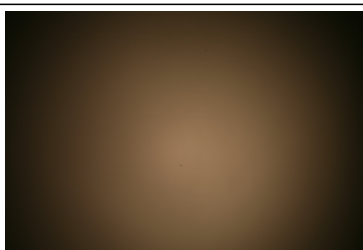
LED XP-G
FWHM 86.0°
Efficiency 75 %
Peak intensity 0.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

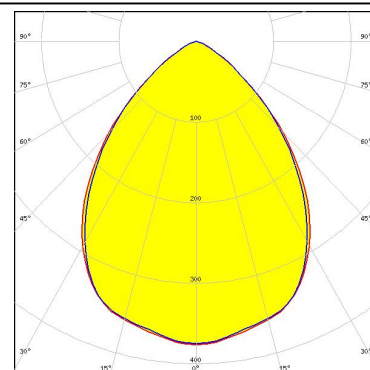
LUMILEDS

LED LUXEON A
FWHM 86.0°
Efficiency 72 %
Peak intensity 0.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



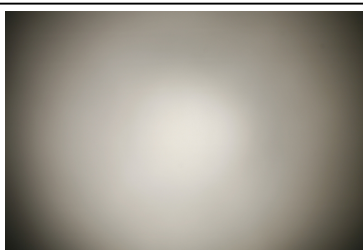
LUMILEDS

LED LUXEON Rebel ES
FWHM 88.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



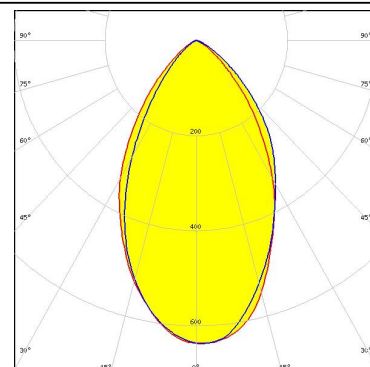
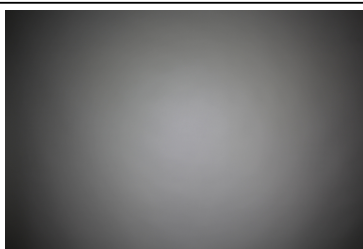
LUMILEDS

LED LUXEON Z
FWHM 73.0°
Efficiency 75 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH181B
FWHM 62.0°
Efficiency 72 %
Peak intensity 0.640 cd/lm
LEDs/each optic 1
Light colour White
Required components:



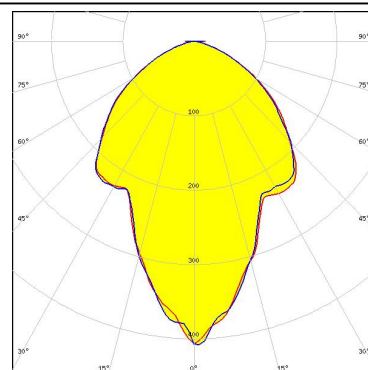
PHOTOMETRIC DATA (SIMULATED):



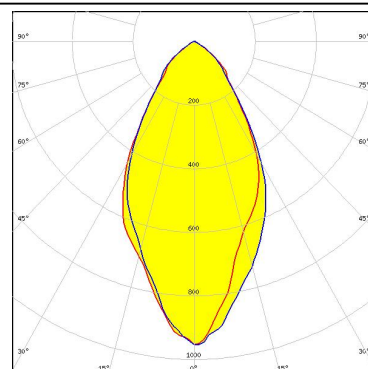
LED XQ-E HD
FWHM 70.0°
Efficiency 81 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



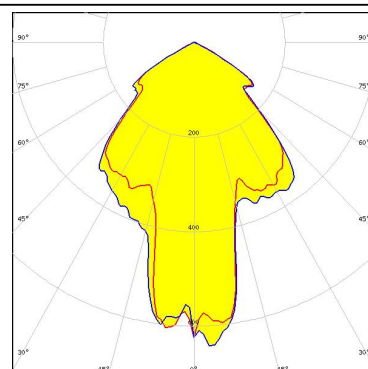
LED LUXEON SunPlus 20 Line
FWHM 84.0°
Efficiency 73 %
Peak intensity 0.420 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4715AS
FWHM 54.0°
Efficiency 88 %
Peak intensity 0.960 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Synios P2720 1 mm
FWHM 74.0°
Efficiency 87 %
Peak intensity 0.660 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	70.0°
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:

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