

LISA2-R-PIN

White mini reflector with ~80° wide beam. 6.5 mm high with location pin installation.

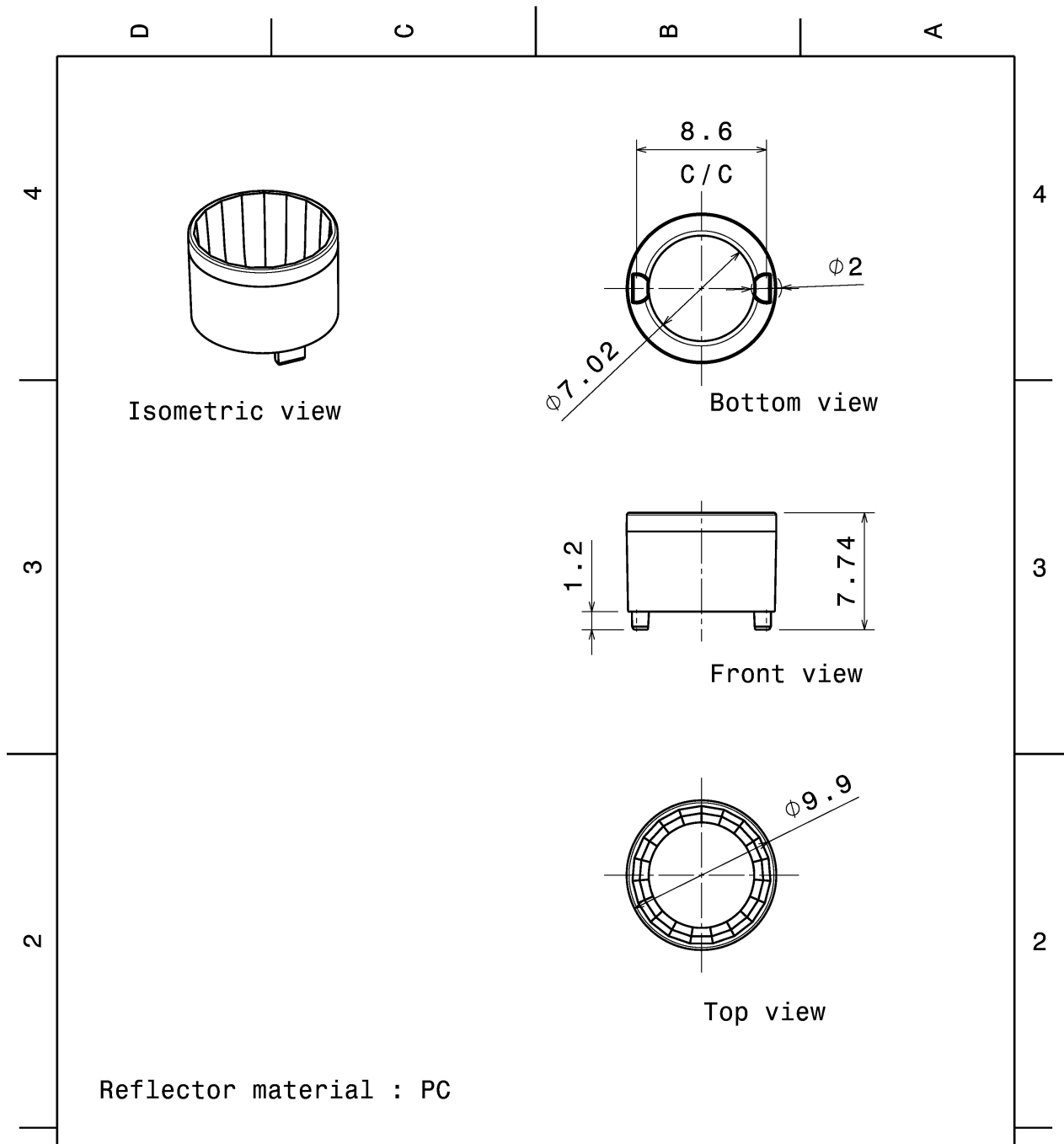
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.5 mm
Fastening	glue, pin
Colour	white
Box size	254 x 298 x 241 mm
Box weight	4.1 kg
Quantity in Box	10000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
LISA2-R-PIN	Reflector	HRPC	white	



Reflector material : PC

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet_Lisa2-reflector

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SIZE	PART NUMBER
A4	-

SCALE	3:1	WEIGHT	-	SHEET	1/1
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PHOTOMETRIC DATA (MEASURED):

CREE

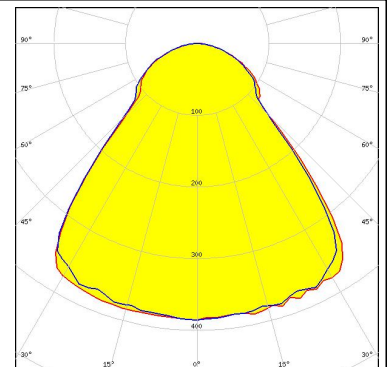
LED XB-D
FWHM 81.0°
Efficiency 87 %
Peak intensity 0.380 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-E
FWHM 82.0°
Efficiency 86 %
Peak intensity 0.350 cd/lm
LEDs/each optic 1
Light colour White
Required components:

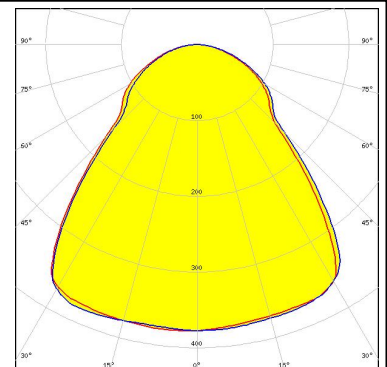
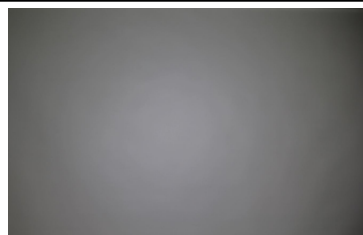
CREE

LED XP-G
FWHM 86.0°
Efficiency 89 %
Peak intensity 0.330 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

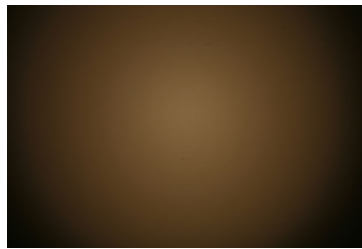
LED XP-G3
FWHM 86.0°
Efficiency 88 %
Peak intensity 0.380 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):



LED XT-E
FWHM 80.0°
Efficiency 85 %
Peak intensity 0.460 cd/lm
LEDs/each optic 1
Light colour White
Required components:



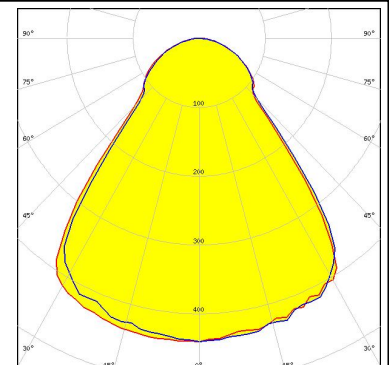
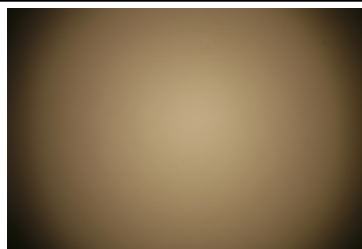
LED LUXEON A
FWHM 83.0°
Efficiency 88 %
Peak intensity 0.370 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM 84.0°
Efficiency 83 %
Peak intensity 0.380 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel
FWHM 77.0°
Efficiency 88 %
Peak intensity 0.410 cd/lm
LEDs/each optic 1
Light colour White
Required components:



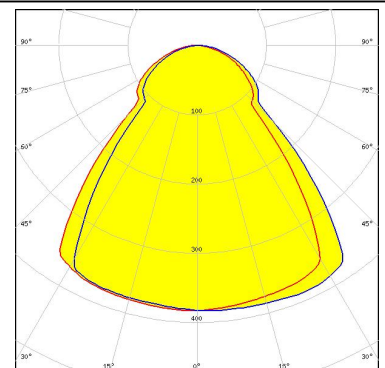
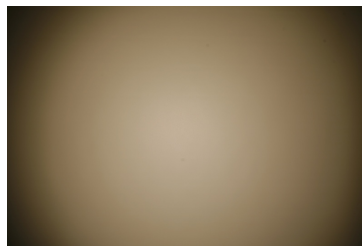
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
FWHM 83.0°
Efficiency 90 %
Peak intensity 0.360 cd/lm
LEDs/each optic 1
Light colour White
Required components:

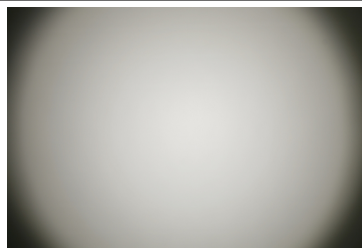
LUMILEDS

LED LUXEON T
FWHM 82.0°
Efficiency 82 %
Peak intensity 0.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON Z
FWHM 78.0°
Efficiency 86 %
Peak intensity 0.440 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NCSxx19A
FWHM 78.0°
Efficiency 84 %
Peak intensity 0.460 cd/lm
LEDs/each optic 1
Light colour White
Required components:

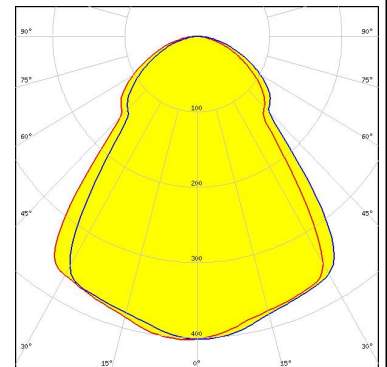
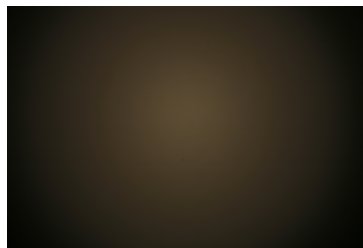
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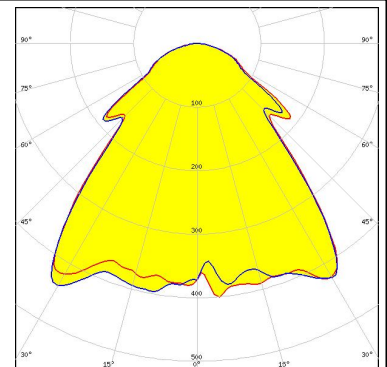
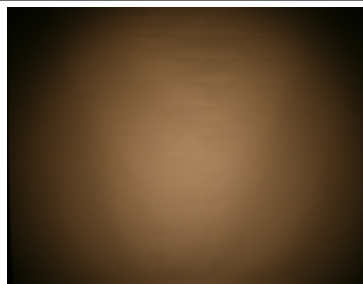
LED NVSxx19A
FWHM 80.0°
Efficiency 84 %
Peak intensity 0.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 2226
FWHM 78.0°
Efficiency 83 %
Peak intensity 0.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLON Square EC
FWHM 82.0°
Efficiency 85 %
Peak intensity 0.370 cd/lm
LEDs/each optic 1
Light colour White
Required components:

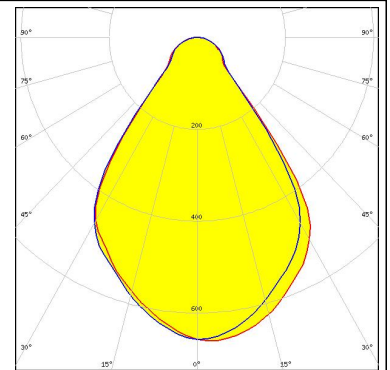


LED OSLON SSL 150
FWHM 83.0°
Efficiency 91 %
Peak intensity 0.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

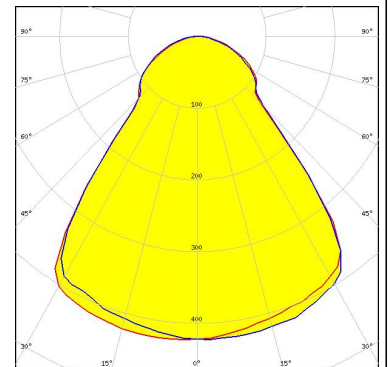
OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM 76.0°
Efficiency 92 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



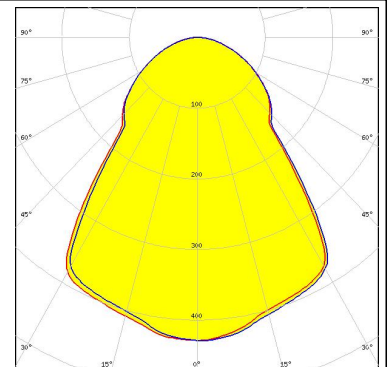
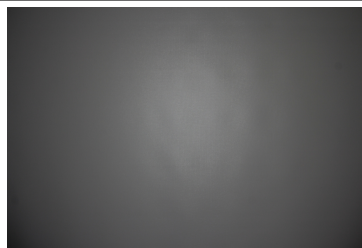
SEOL
SEOUL SEMICONDUCTOR

LED Z5
FWHM 80.0°
Efficiency 84 %
Peak intensity 0.360 cd/lm
LEDs/each optic 1
Light colour White
Required components:



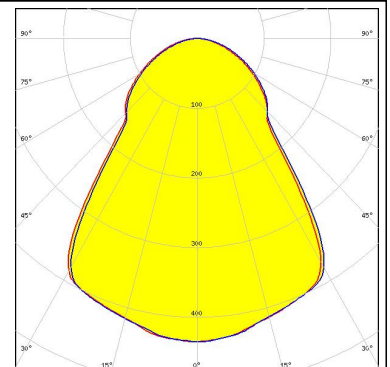
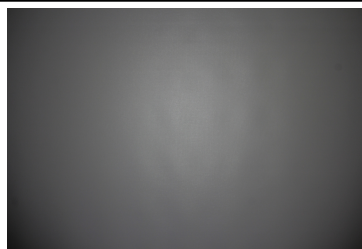
SEOL
SEOUL SEMICONDUCTOR

LED Z8Y15
FWHM 76.0°
Efficiency 87 %
Peak intensity 0.430 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOL
SEOUL SEMICONDUCTOR

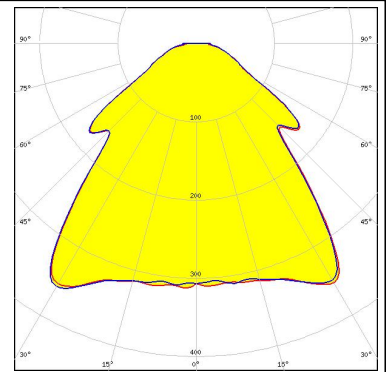
LED Z8Y19
FWHM 76.0°
Efficiency 86 %
Peak intensity 0.435 cd/lm
LEDs/each optic 1
Light colour White
Required components:



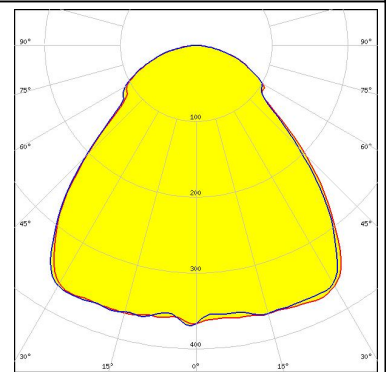
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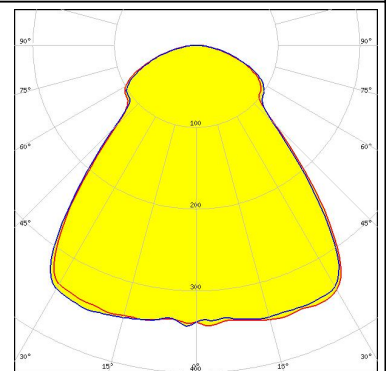
LED XD16
FWHM 82.0°
Efficiency 83 %
Peak intensity 0.360 cd/lm
LEDs/each optic 1
Light colour White
Required components:



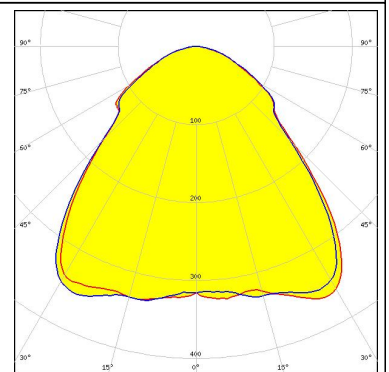
LED XHP35 HD
FWHM 91.0°
Efficiency 92 %
Peak intensity 0.370 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2 HE
FWHM 85.0°
Efficiency 82 %
Peak intensity 0.352 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L HD
FWHM 81.0°
Efficiency 83 %
Peak intensity 0.360 cd/lm
LEDs/each optic 1
Light colour White
Required components:



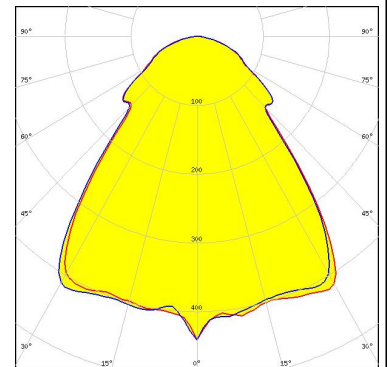
PHOTOMETRIC DATA (SIMULATED):



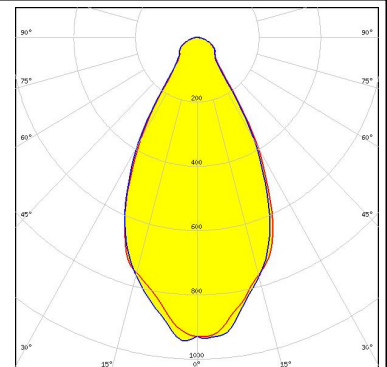
LED XQ-E HD
FWHM 76.0°
Efficiency 90 %
Peak intensity 0.450 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON H50-2
FWHM 80.0°
Efficiency 90 %
Peak intensity 0.440 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors
LED SFH 4727AS
FWHM 55.0°
Efficiency 89 %
Peak intensity 0.958 cd/lm
LEDs/each optic 1
Light colour IR
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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