

LISA2-O-PIN

~45° x 20° oval beam. 7.13 mm high variant with location pin installation.

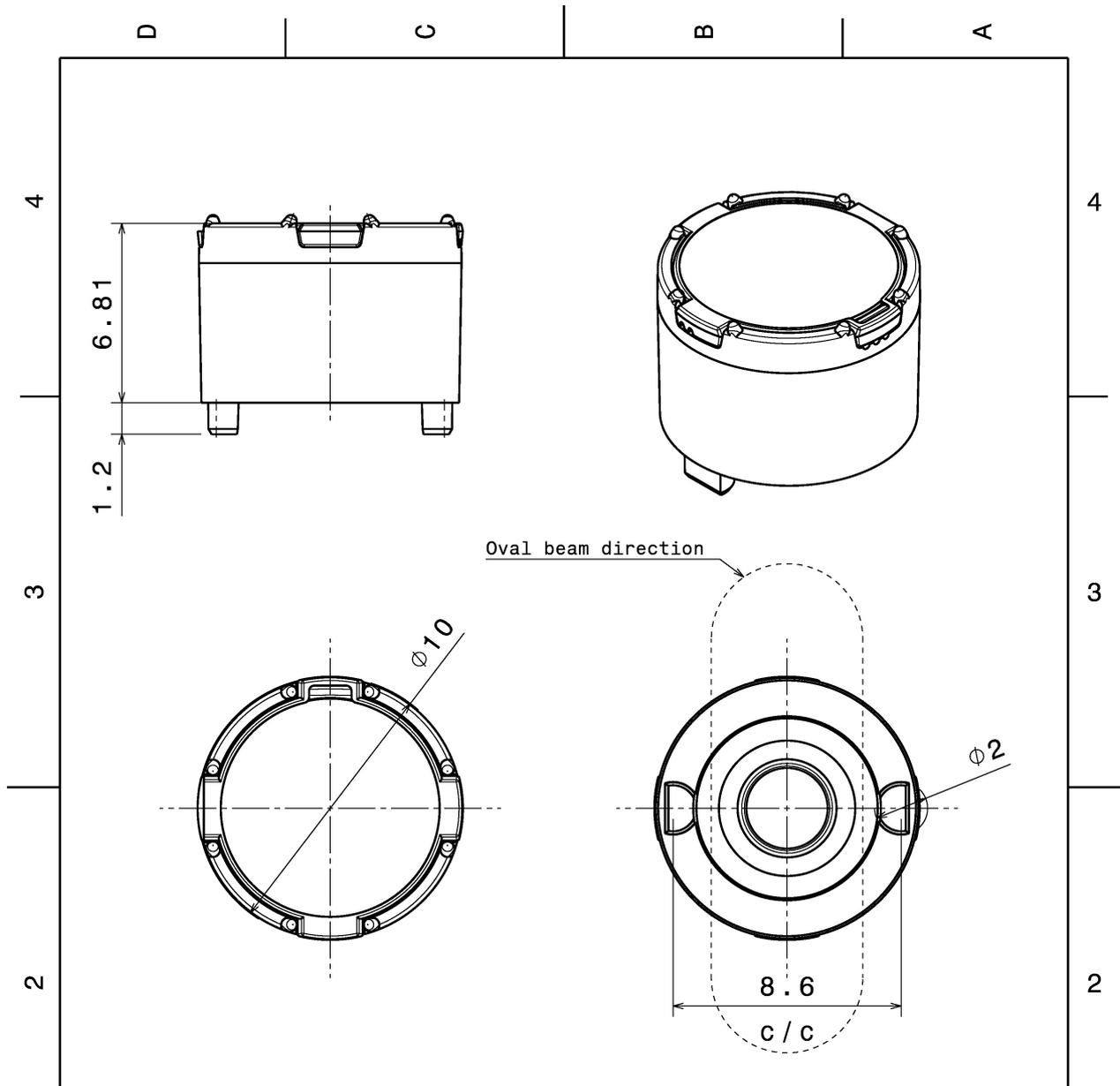
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.0 mm
Height	6.8 mm
Fastening	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-O	Single lens	PMMA	clear
LISA2-HLD-PIN	Holder	PC	black



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F10989	LISA2-HLD-PIN	PC	black
2	F14413	LISA2-0	PMMA	

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



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THIRD ANGLE PROJECTION:

DRAWING TITLE

FP14414_LISA2-0-PIN

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SIZE PART NUMBER

A4

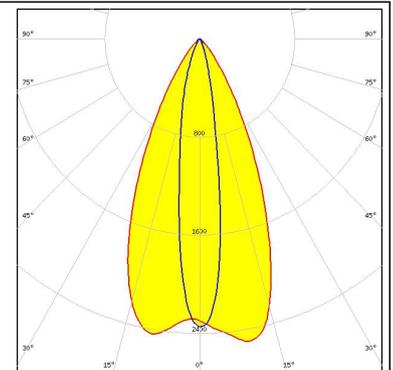
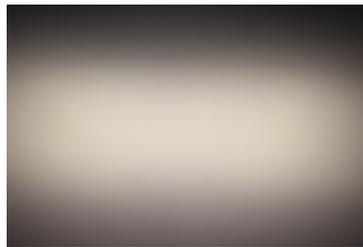
FP14414

SCALE 5:1 WEIGHT 0,6 g SHEET 1/1

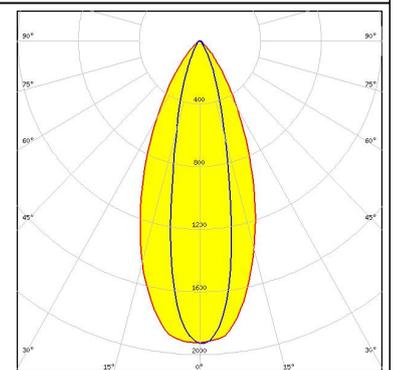
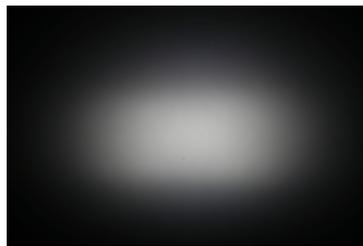
PHOTOMETRIC DATA (MEASURED):



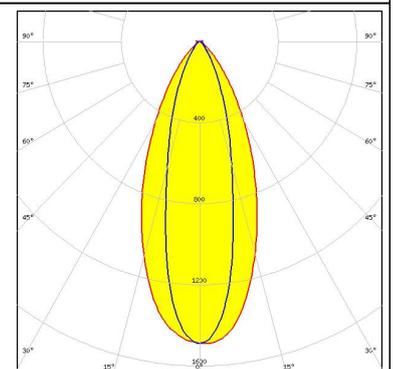
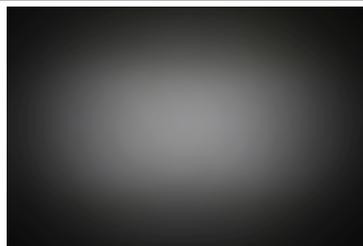
LED XP-E2
 FWHM 48.0 + 16.0°
 Efficiency 81 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



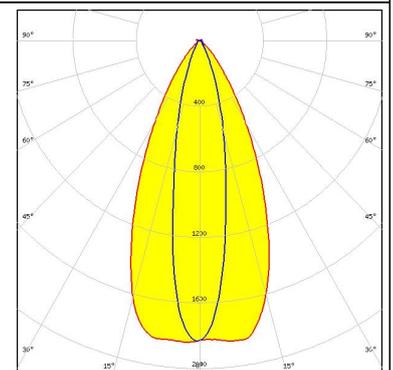
LED XP-G2
 FWHM 44.0 + 23.0°
 Efficiency 81 %
 Peak intensity 1.930 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM 45.0 + 26.0°
 Efficiency 75 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



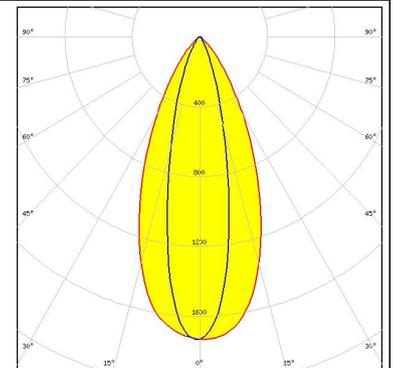
LED NCSxx19B
 FWHM 49.0 + 21.0°
 Efficiency 77 %
 Peak intensity 1.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

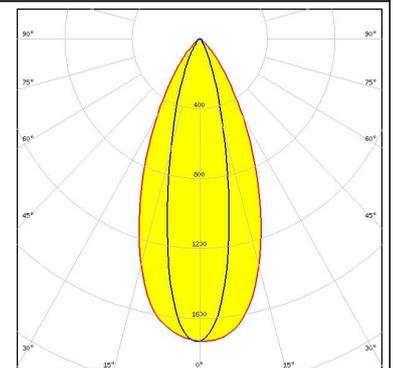
OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM 47.0 + 25.0°
Efficiency 75 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

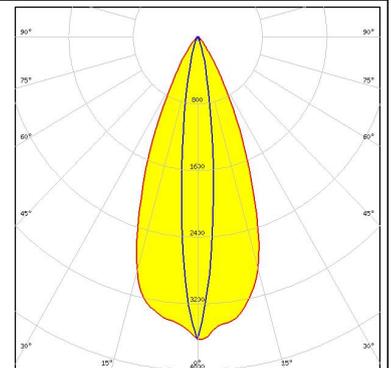
LED OSLON Square EC
FWHM 47.0 + 25.0°
Efficiency 75 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



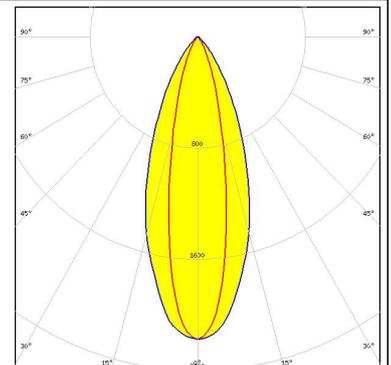
LED XQ-E HI
FWHM 43.0 + 13.0°
Efficiency 86 %
Peak intensity 3.630 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON IR Compact
FWHM 41.0 + 15.0°
Efficiency 77 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:

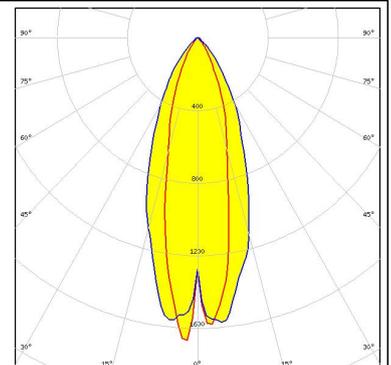


LED LUXEON TX
FWHM 22.0 + 40.0°
Efficiency 82 %
Peak intensity 2.180 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 40.0 + 25.0°
Efficiency 75 %
Peak intensity 1.680 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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