LISA2-O-PIN

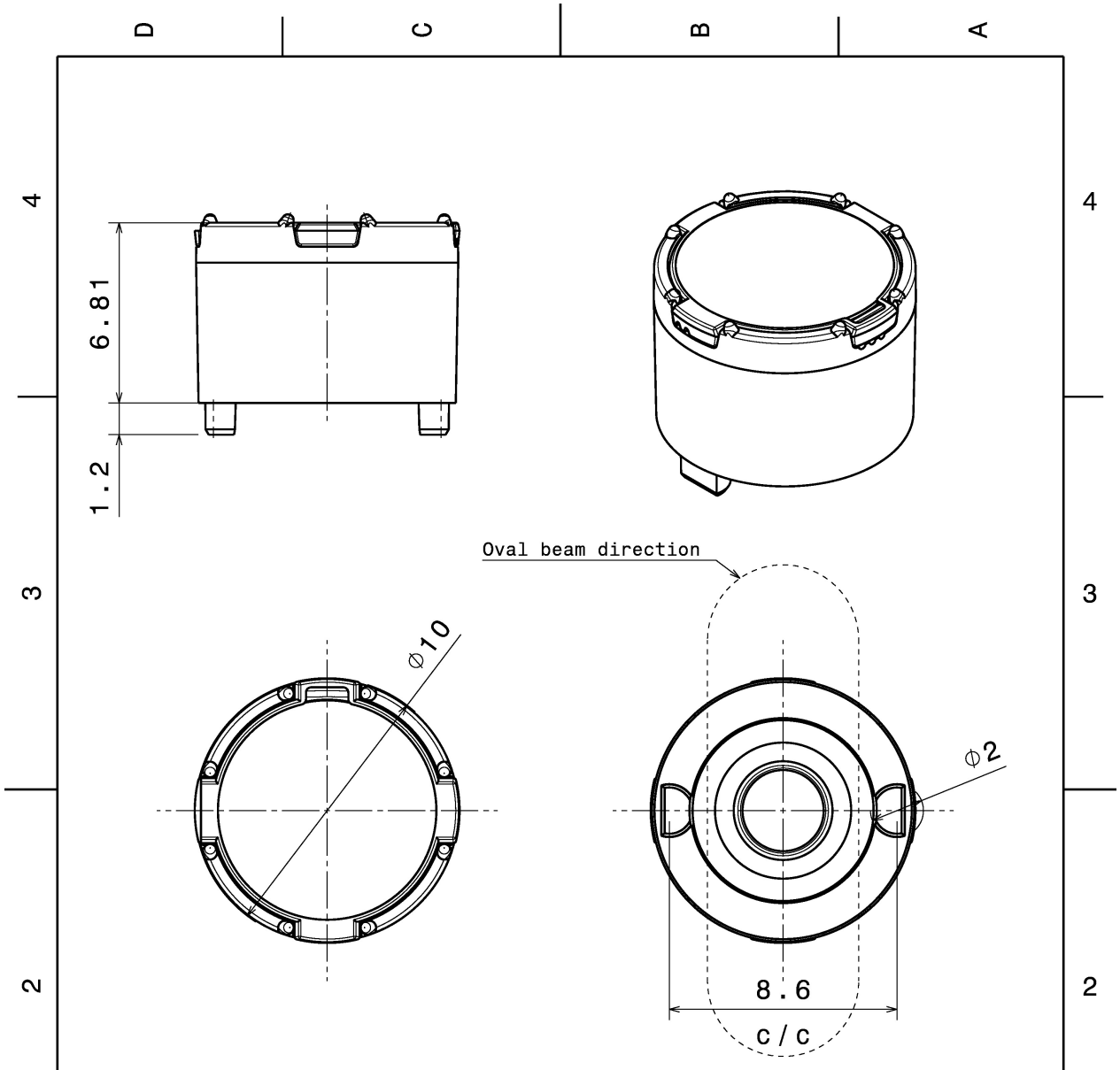
~45° x 20° oval beam. 7.13 mm high variant with location pin installation.

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	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-O	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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
FP14414_LISA2-O-PIN

SIZE A4

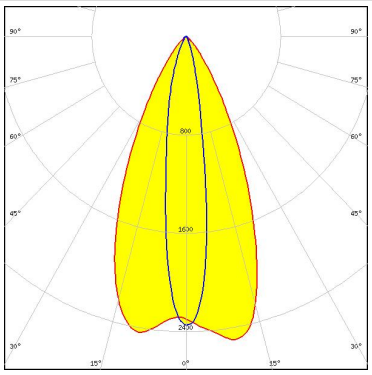
PART NUMBER
FP14414

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

PHOTOMETRIC DATA (MEASURED):

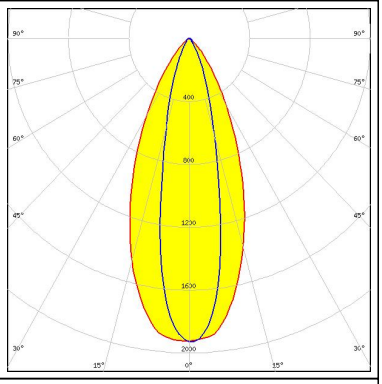
CREE

LED	XP-E2
FWHM	48.0 + 16.0°
Efficiency	81 %
Peak intensity	2.500 cd/lm
Required components:	



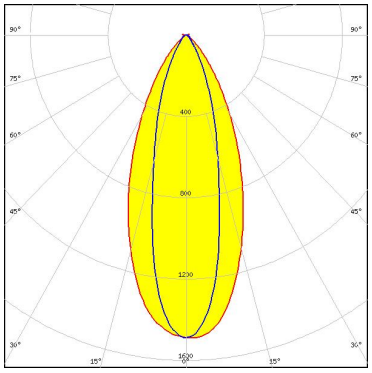
CREE

LED	XP-G2
FWHM	44.0 + 23.0°
Efficiency	81 %
Peak intensity	1.930 cd/lm
Required components:	



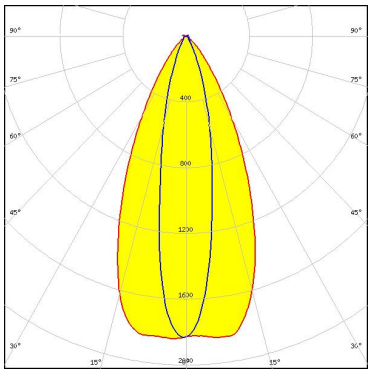
CREE

LED	XP-G3
FWHM	45.0 + 26.0°
Efficiency	75 %
Peak intensity	1.500 cd/lm
Required components:	



NICHIA

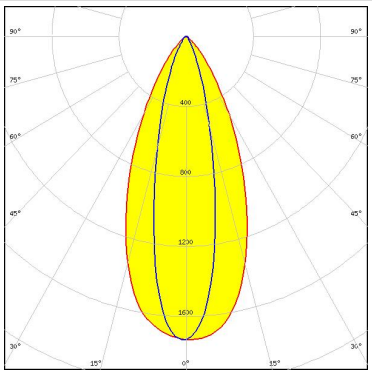
LED	NCSxx19B
FWHM	49.0 + 21.0°
Efficiency	77 %
Peak intensity	1.800 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

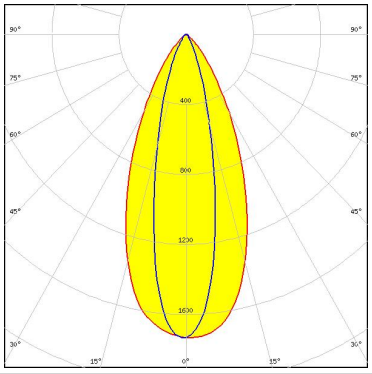
OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	47.0 + 25.0°
Efficiency	75 %
Peak intensity	1.700 cd/lm
Required components:	



OSRAM
Opto Semiconductors

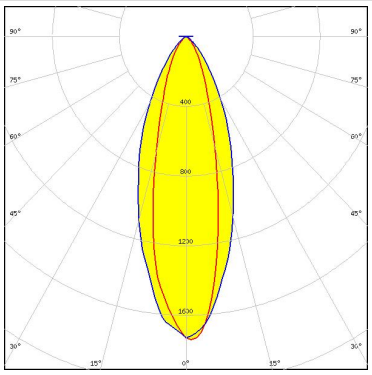
LED	Oslon Square EC
FWHM	47.0 + 25.0°
Efficiency	75 %
Peak intensity	1.700 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

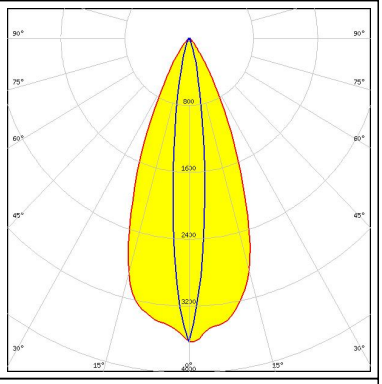
CREE

LED	XP-G3
FWHM	38.0 + 25.0°
Efficiency	78 %
Peak intensity	1.800 cd/lm
Required components:	



CREE

LED	XQ-E HI
FWHM	43.0 + 13.0°
Efficiency	86 %
Peak intensity	3.630 cd/lm
Required components:	

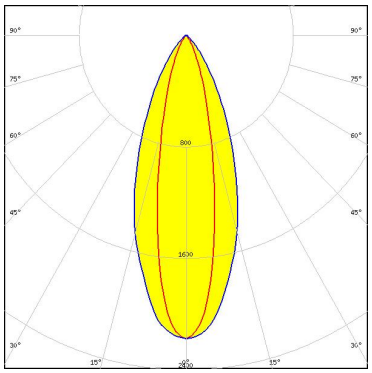


LUMILEDS

LED	LUXEON IR Compact
FWHM	41.0 + 15.0°
Efficiency	77 %
Peak intensity	0.000 cd/lm
Required components:	

LUMILEDS

LED	LUXEON TX
FWHM	22.0 + 40.0°
Efficiency	82 %
Peak intensity	2.180 cd/lm
Required components:	

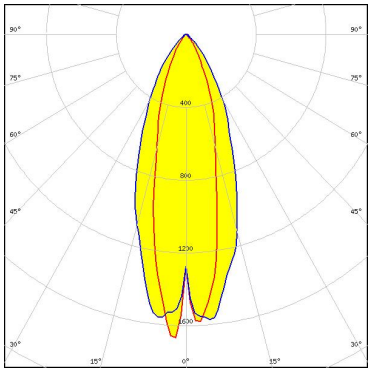


PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

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

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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