LISA-RS

~15° spot beam optimized for CREE XP-E

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.8 mm
Height	7.3 mm
Fastening	glue
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA-R1-RS	Single lens	PMMA	clear	
LISA-XP-HLD	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP11627_LISA-RS » Box size: 300 x 250 x 250 mm	Single lens	10000	300	100	5.5

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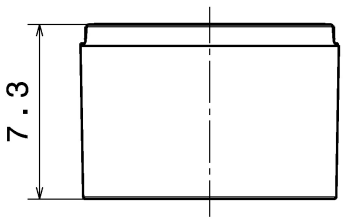
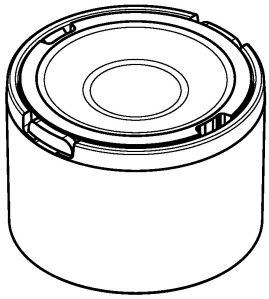
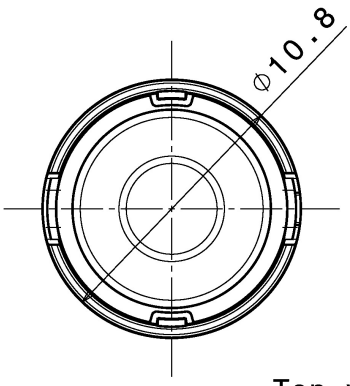


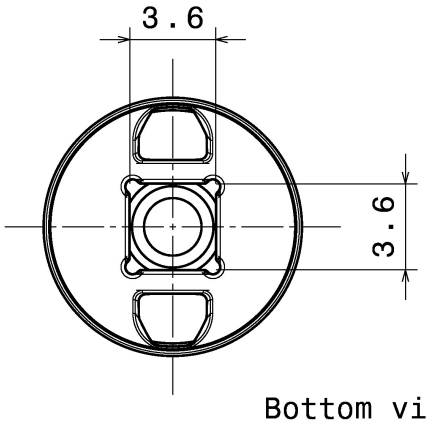
Front view



Isometric view
Scale: 4:1



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C11629	LISA-R1-RS	PMMA	clear
2	C10640	LISA-XP-HLD	PC	white

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
CP11627_LISA-RS

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SIZE A4

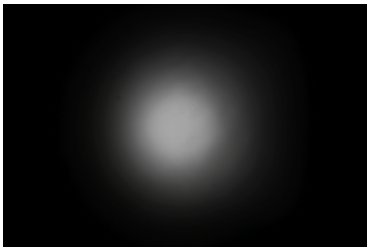
PART NUMBER
CP11627

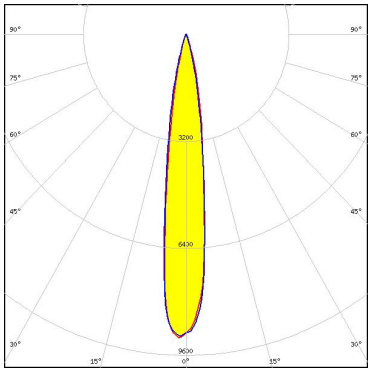
SCALE 4:1 | WEIGHT 0,5 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	15.0°
Efficiency	94 %
Peak intensity	9.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



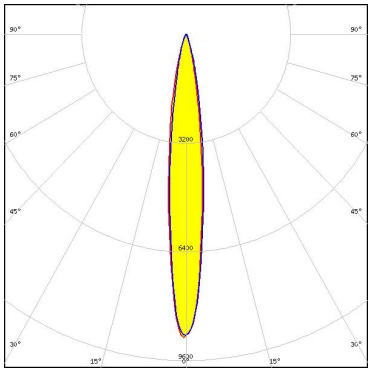


CREE

LED	XP-G
FWHM	23.0°
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	

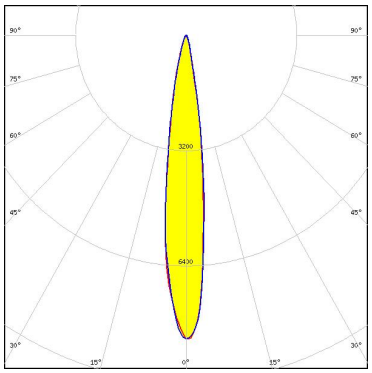
OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM	13.0°
Efficiency	94 %
Peak intensity	8.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM	15.0°
Efficiency	93 %
Peak intensity	8.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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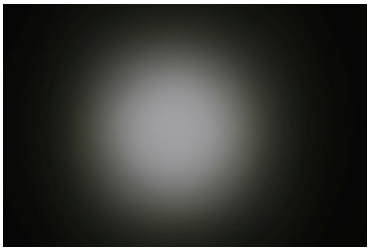
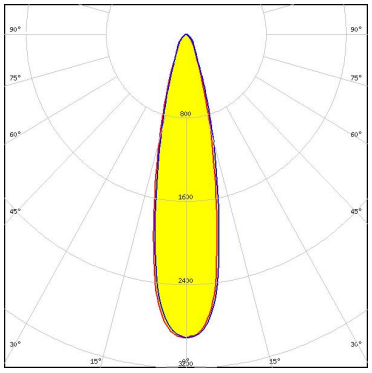
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	24.0°
Efficiency	88 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

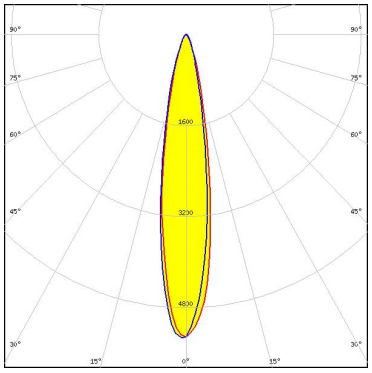




PHOTOMETRIC DATA (SIMULATED):

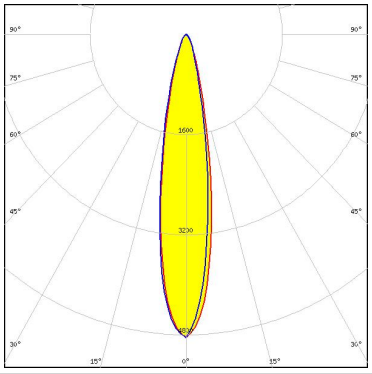
OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	19.0°
Efficiency	94 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S5 (Single chip)
FWHM	19.3°
Efficiency	94 %
LEDs/each optic	1
Light colour	White
Required components:	



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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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