

LISA-RS

~15° spot beam optimized for CREE XP-E

SPECIFICATION:

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

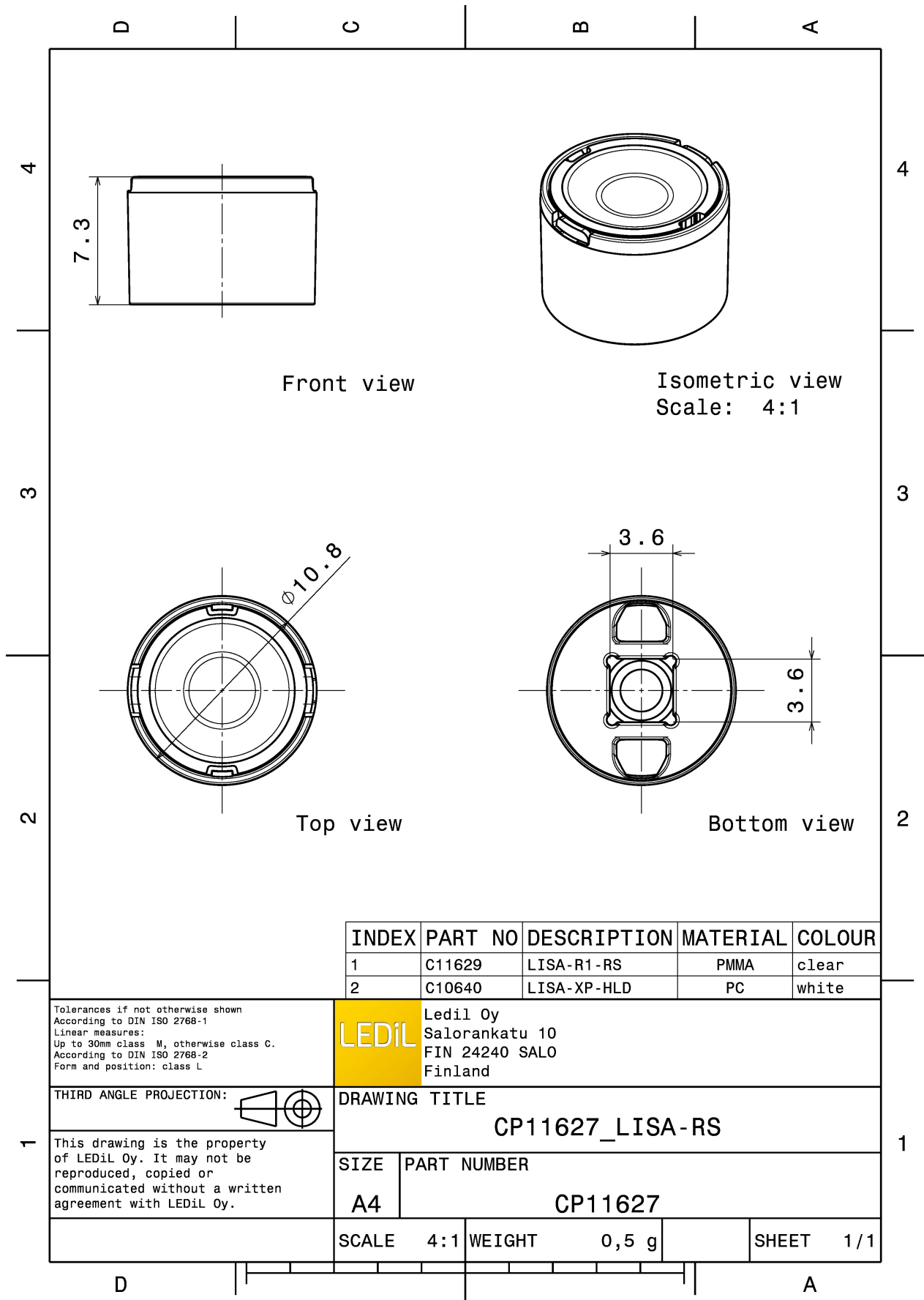
MATERIALS:

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	Single lens	10000	300	100	5.5
» Box size: 300 x 250 x 250 mm					





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 Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CP11627_LISA-RS

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SIZE	PART NUMBER
A4	CP11627

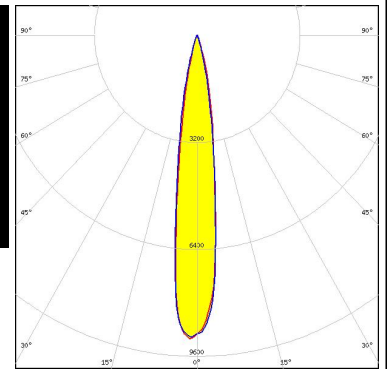
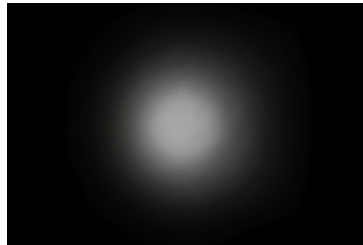
SCALE	4:1	WEIGHT	0,5 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

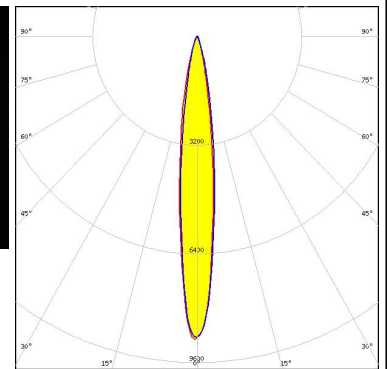
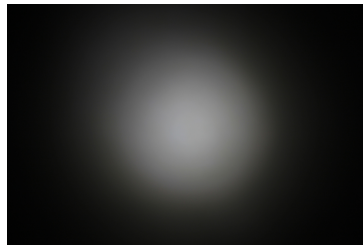
OPTICAL RESULTS (MEASURED):



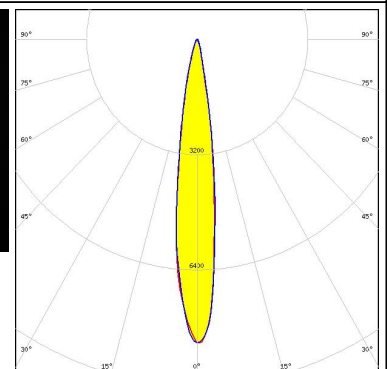
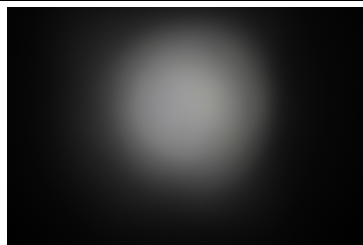
LED XP-E
 FWHM / FWTM 15.0° / 31.0°
 Efficiency 94 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G
 FWHM / FWTM 23.0° / 44.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSOLON SSL 150
 FWHM / FWTM 13.0° / 31.0°
 Efficiency 94 %
 Peak intensity 8.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

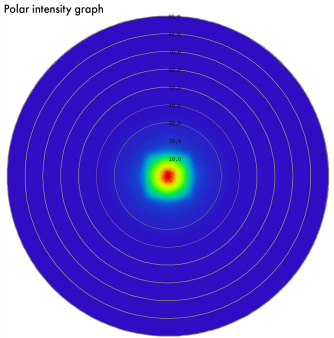
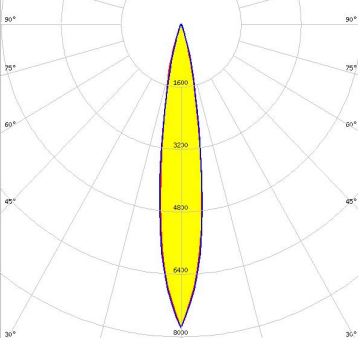
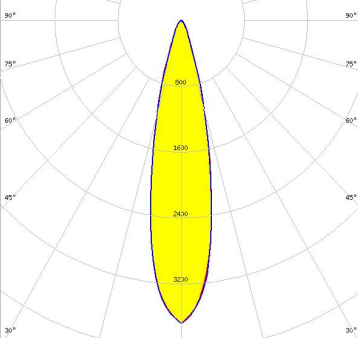
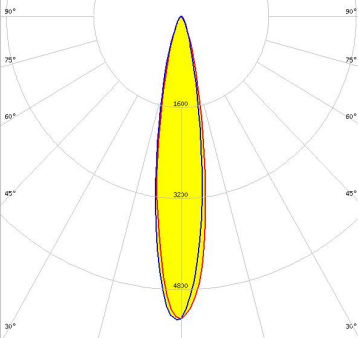


LED OSOLON SSL 80
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 93 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

<p>LUMINUS</p> <p>LED: SST-10-IR-B90 FWHM / FWTM: 16.0° / 34.0° Efficiency: 93 % LEDs/each optic: 1 Light colour: IR Required components:</p>	<p>Polar intensity graph</p> 	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 24.0° / 44.0° Efficiency: 87 % Peak intensity: 3.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S5 (2 chip) FWHM / FWTM: 19.0° / 40.0° Efficiency: 94 % Peak intensity: 5.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S5 (Single chip) FWHM / FWTM: 19.3° / 41.2° Efficiency: 94 % LEDs/each optic: 1 Light colour: White Required components:</p>		