

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 ⓘ

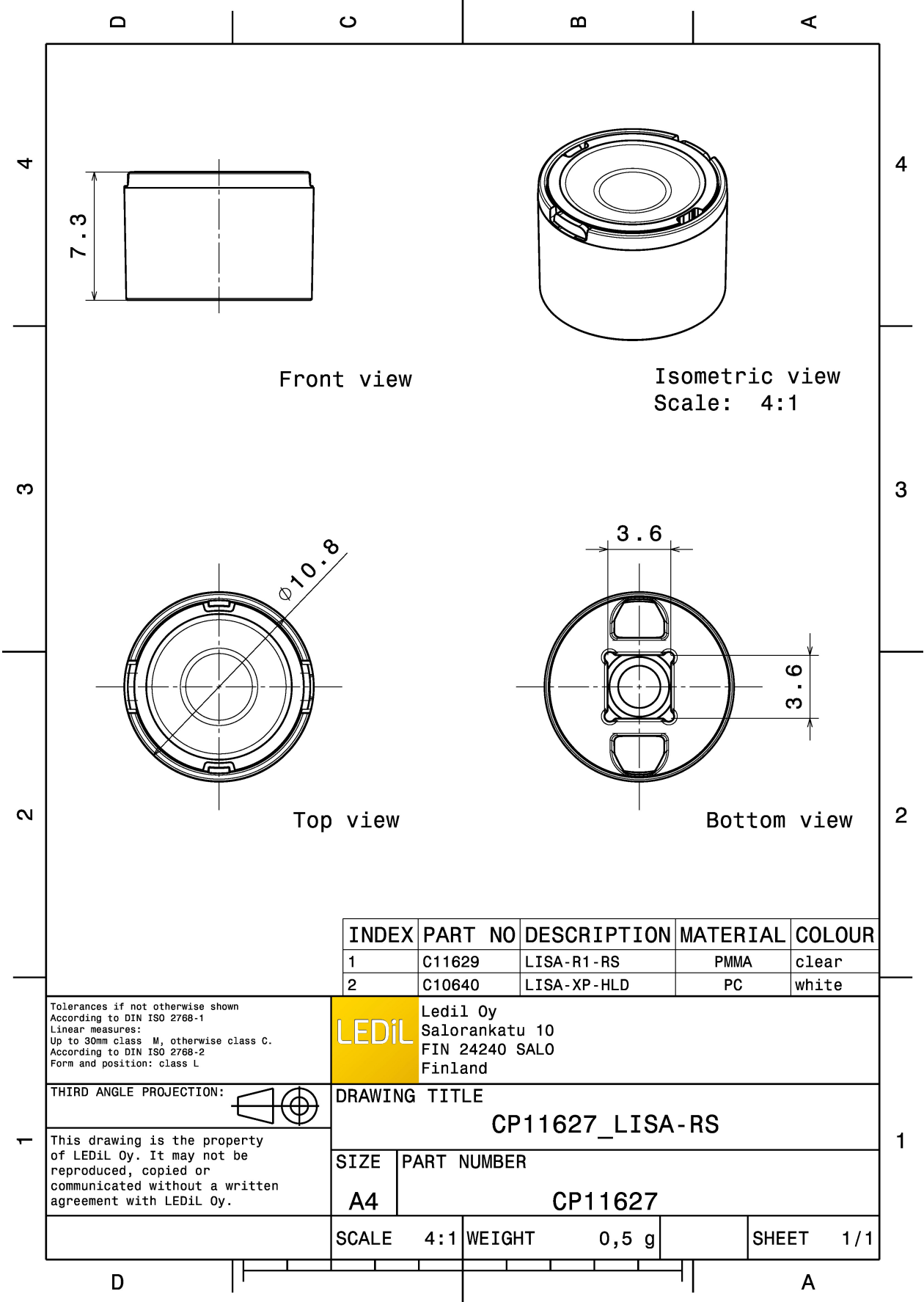


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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					

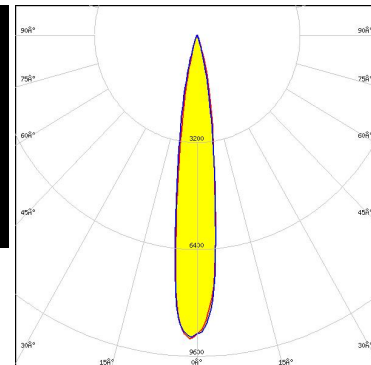
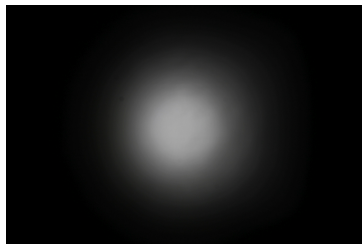


See also our general installation guide: www.ledil.com/installation_guide

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/type White
Required components:



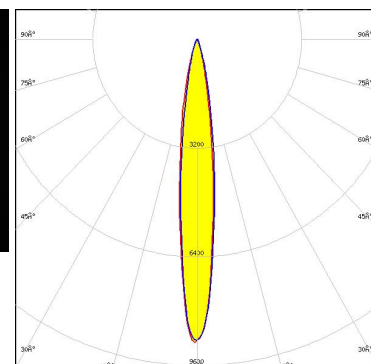
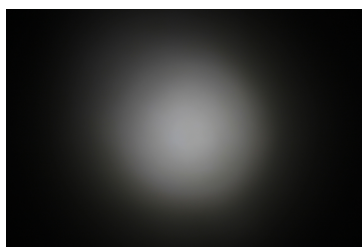
Light distribution files



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



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

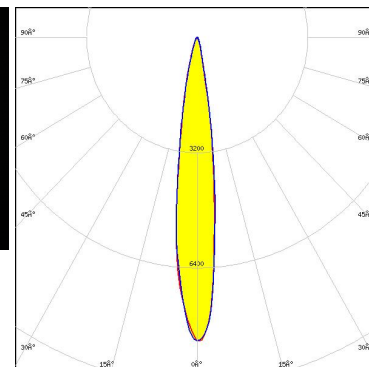
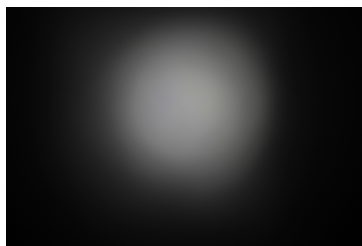


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

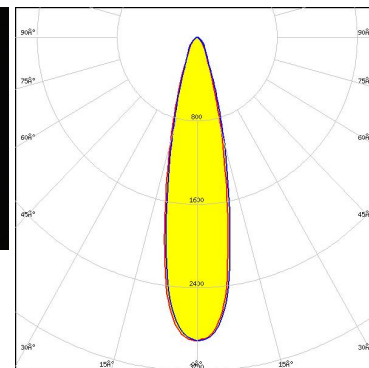
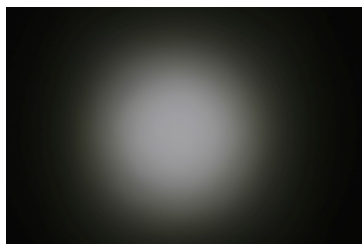
LED OSLON SSL 80
FWHM / FWTM 15.0° / 29.0°
Efficiency 93 %
Peak intensity 8.4 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM / FWTM 24.0° / 48.0°
Efficiency 88 %
Peak intensity 2.9 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

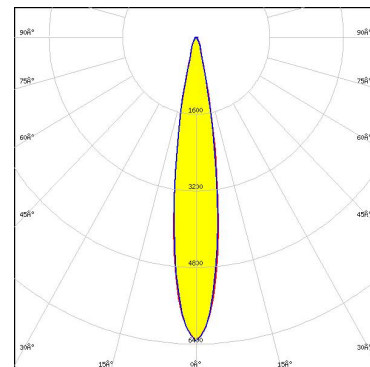


Light distribution files

OPTICAL RESULTS (SIMULATED):



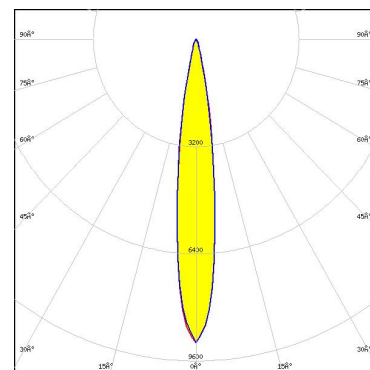
LED XD16
FWHM / FWTM 17.0° / 32.0°
Efficiency 88 %
Peak intensity 6.3 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



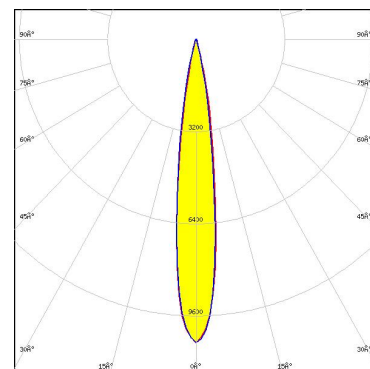
LED XE-G
FWHM / FWTM 14.0° / 28.0°
Efficiency 94 %
Peak intensity 9.1 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XQ-E HD
FWHM / FWTM 14.0° / 27.0°
Efficiency 94 %
Peak intensity 10.5 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

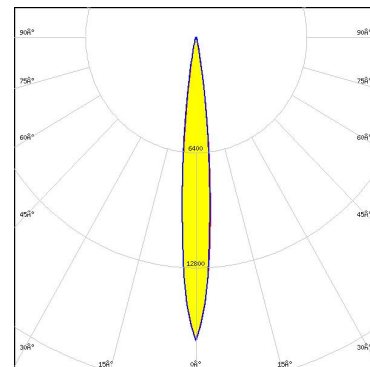


Light distribution files

OPTICAL RESULTS (SIMULATED):



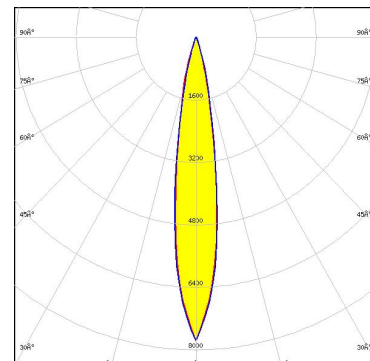
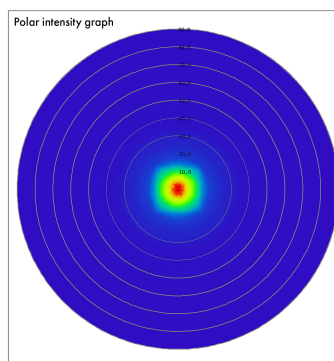
LED XQ-E HI
FWHM / FWTM 11.0° / 22.0°
Efficiency 94 %
Peak intensity 16.9 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



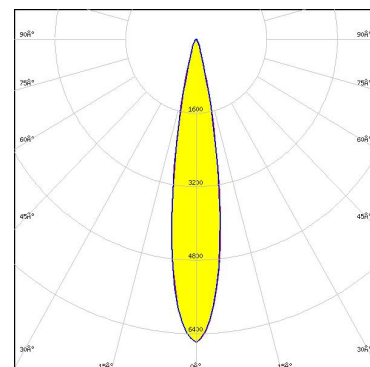
LED SST-10-IR-B90
FWHM / FWTM 16.0° / 34.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



LED SST-20
FWHM / FWTM 18.0° / 32.0°
Efficiency 94 %
Peak intensity 6.6 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

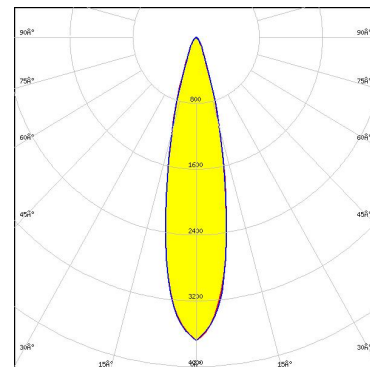


Light distribution files

OPTICAL RESULTS (SIMULATED):



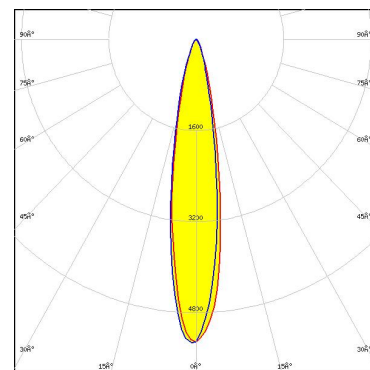
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 87 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



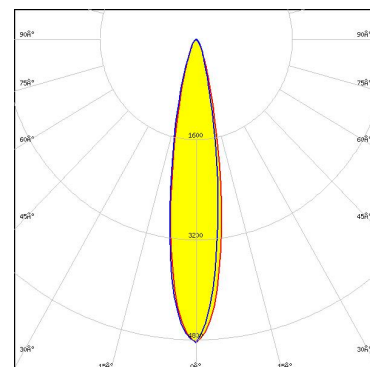
LED Duris S5 (2 chip)
 FWHM / FWTM 19.0° / 40.0°
 Efficiency 94 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Duris S5 (Single chip)
 FWHM / FWTM 19.3° / 41.2°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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