

LOS-RS

~9.6° spot beam optimized for Osram Oslon Square EC. 14.3 mm high assembly.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.3 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

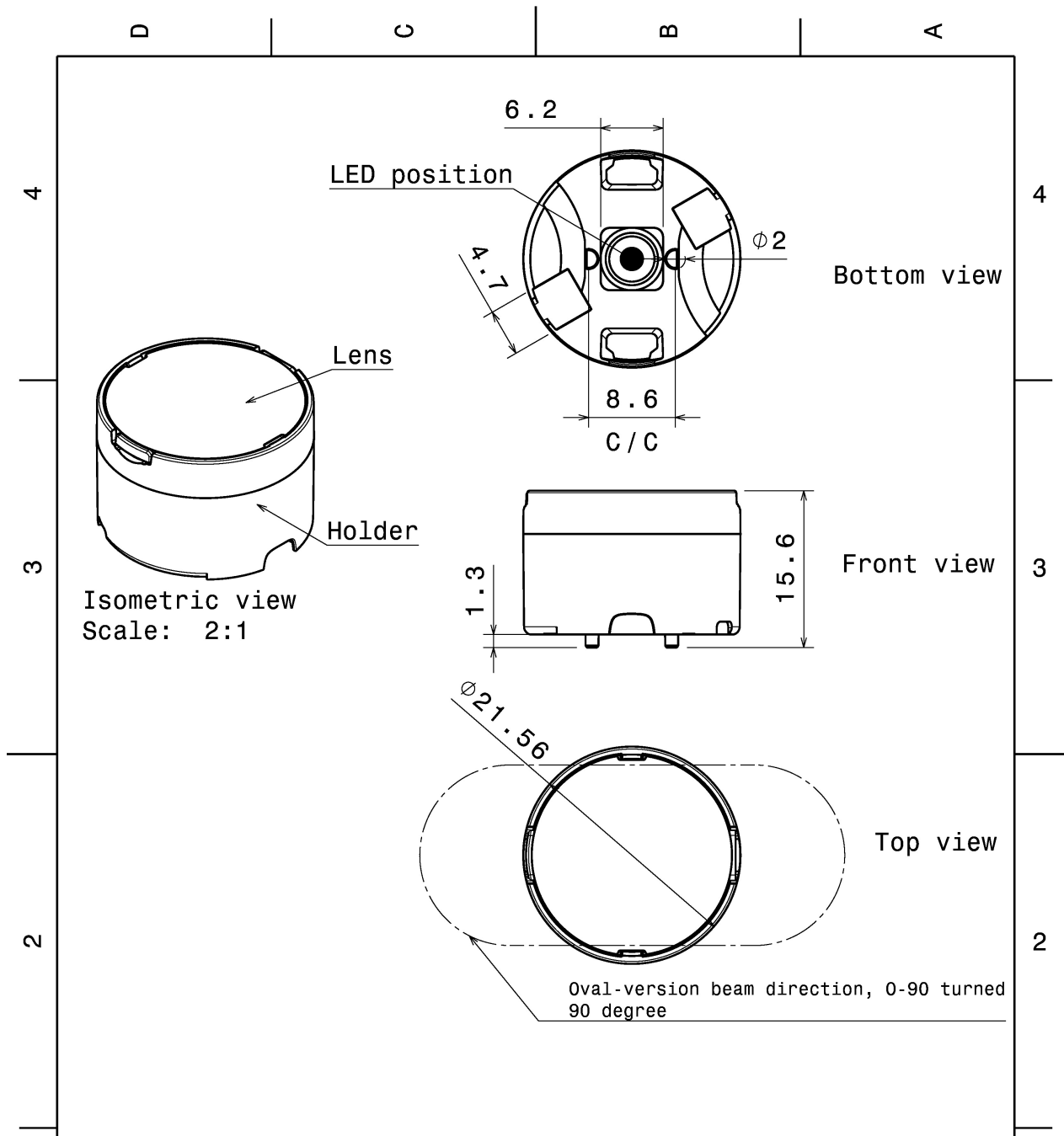
MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS	Single lens	PMMA	clear	
LEILA-HLD-OSL	Holder	PC	white	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP12412_LOS-RS » Box size: 480 x 280 x 300 mm	Single lens	1680	336	112	9.1





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
CP12412_LOS-RS

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SIZE	PART NUMBER
A4	CP12412

SCALE	2:1	WEIGHT	-	SHEET	1/1
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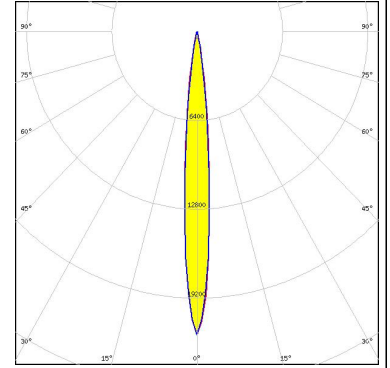
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

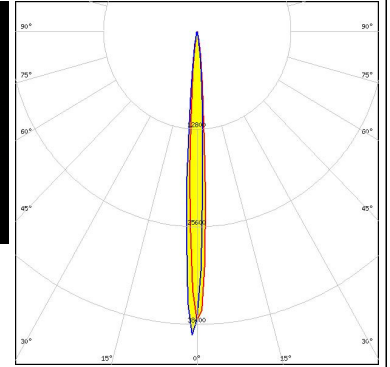
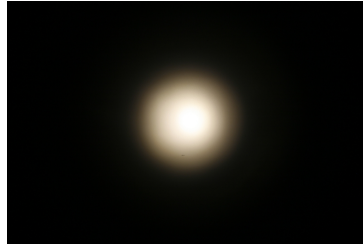
LED OSLON Square EC
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 94 %
 Peak intensity 20.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

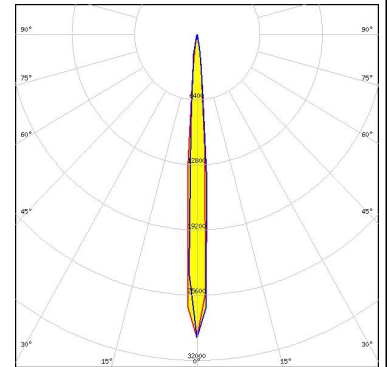
LED OSLON SSL 150
 FWHM / FWTM 6.0° / 15.0°
 Efficiency 93 %
 Peak intensity 40 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

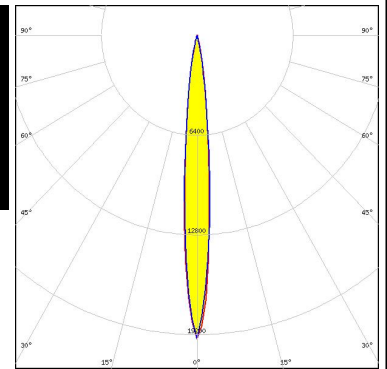
LED OSLON SSL 80
 FWHM / FWTM 7.0° / 14.0°
 Efficiency 93 %
 Peak intensity 29.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



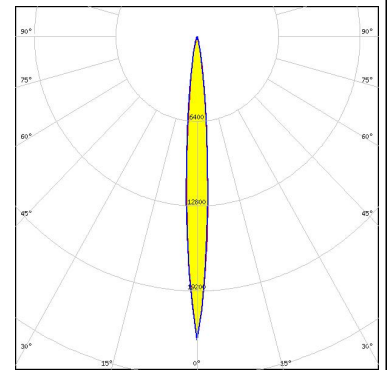
OPTICAL RESULTS (SIMULATED):



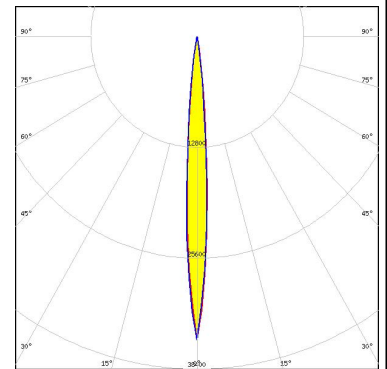
LED XT-E
 FWHM / FWTM 9.9° / 22.0°
 Efficiency 94 %
 Peak intensity 19.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



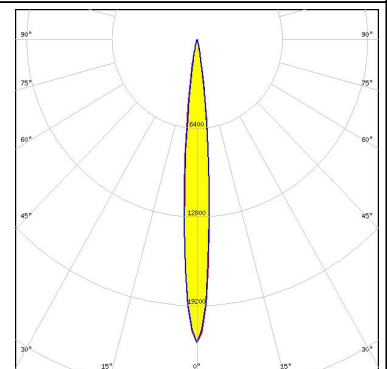
LED LUXEON C
 FWHM / FWTM 8.0° / 20.0°
 Efficiency 94 %
 Peak intensity 22.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON CZ
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 95 %
 Peak intensity 35 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



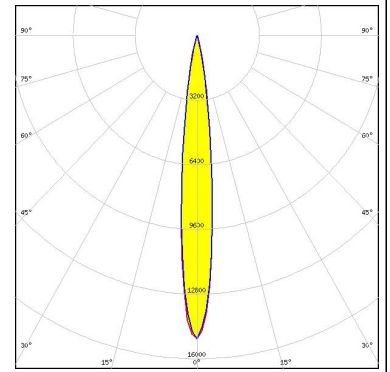
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 9.8° / 20.0°
 Efficiency 94 %
 Peak intensity 21.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



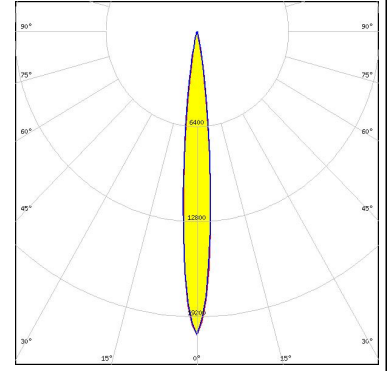
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351B
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 94 %
 Peak intensity 15 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 94 %
 Peak intensity 20.4 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:

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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