

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 ⓘ

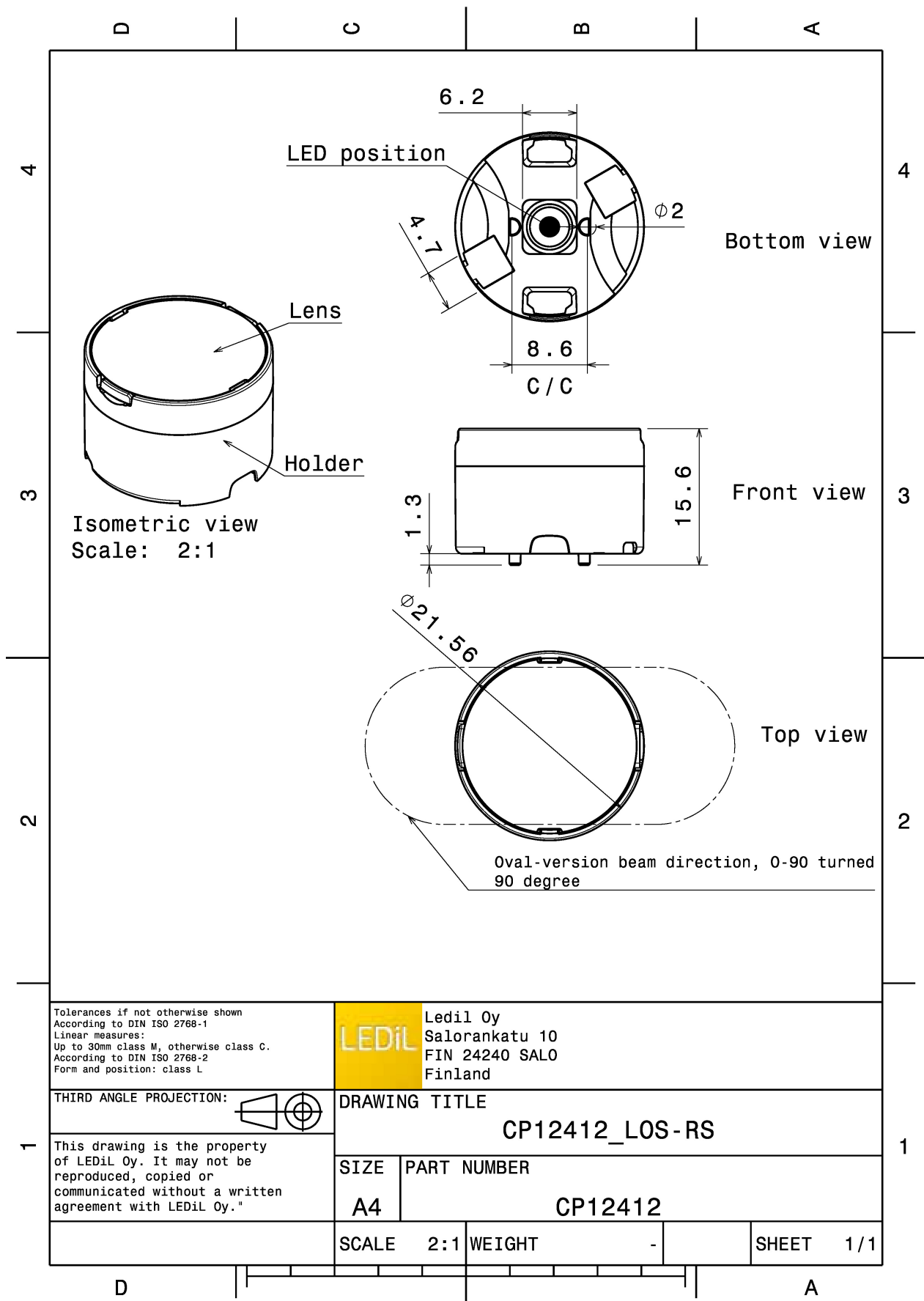
MATERIALS:

Component	Type	Material	Colour	Finish	Length
LXP2-RS	Single lens	PMMA	clear		21.6
LEILA-HLD-OSL	Holder	PC	white		21.6



ORDERING INFORMATION:

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

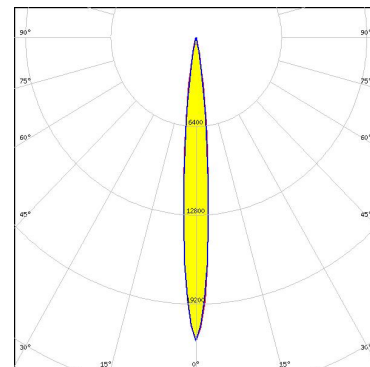


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

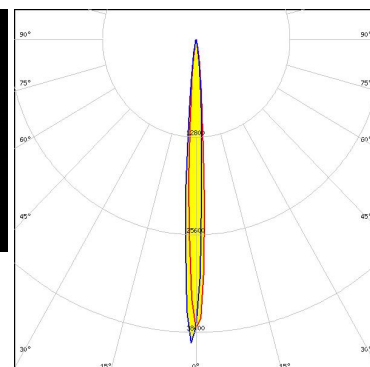
LED OSLON Square EC
FWHM / FWTM 10.0° / 20.0°
Efficiency 94 %
Peak intensity 20.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

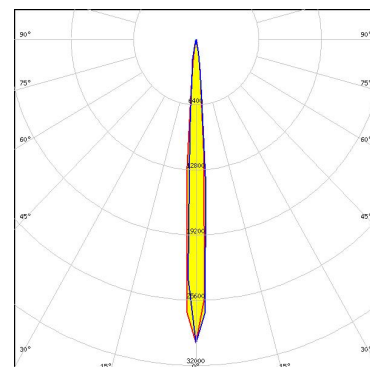
LED OSLON SSL 150
FWHM / FWTM 6.0° / 15.0°
Efficiency 93 %
Peak intensity 40 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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/type White
Required components:

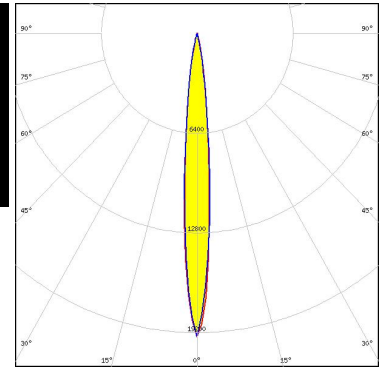


Light distribution files

OPTICAL RESULTS (SIMULATED):



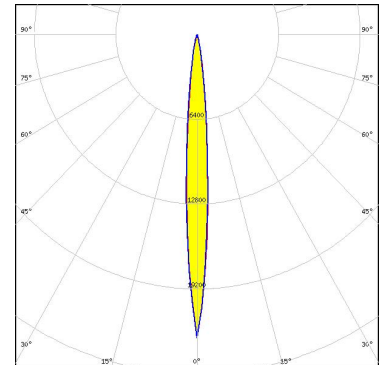
LED XT-E
FWHM / FWTM 9.9° / 22.0°
Efficiency 94 %
Peak intensity 19.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



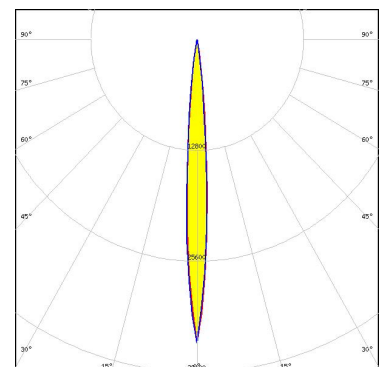
LED LUXEON C
FWHM / FWTM 8.0° / 20.0°
Efficiency 94 %
Peak intensity 22.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

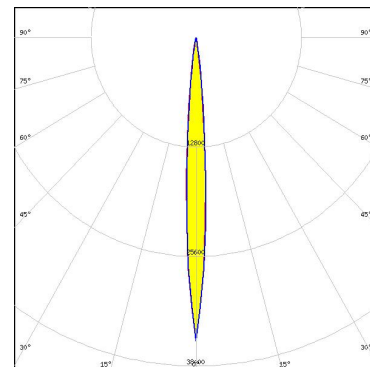


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

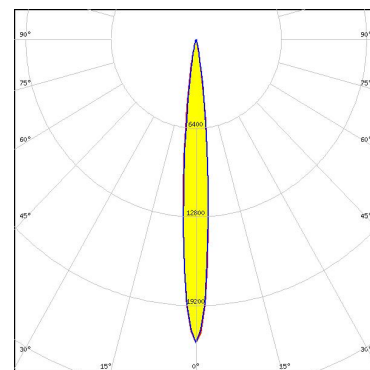
LED OSCONIQ P 3030
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 35.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

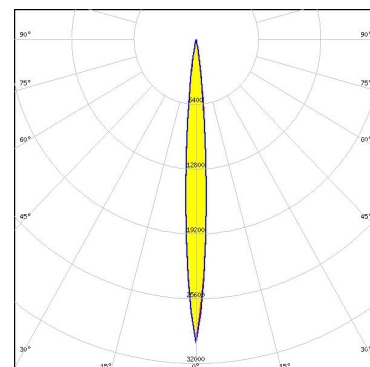
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 9.8° / 20.0°
Efficiency 94 %
Peak intensity 21.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM Square Flat
FWHM / FWTM 8.0° / 18.0°
Efficiency 94 %
Peak intensity 30 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

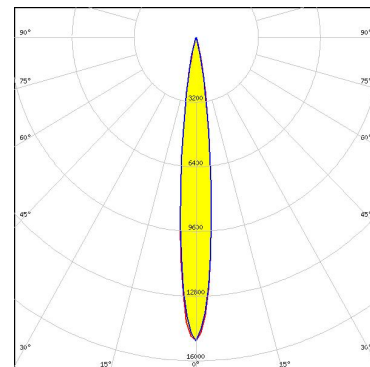


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

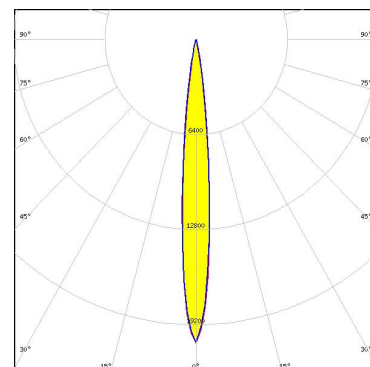
LED LH351B
FWHM / FWTM 12.0° / 25.0°
Efficiency 94 %
Peak intensity 15 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5M1/Z5M2
FWHM / FWTM 11.0° / 21.0°
Efficiency 94 %
Peak intensity 20.4 cd/Im
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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