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

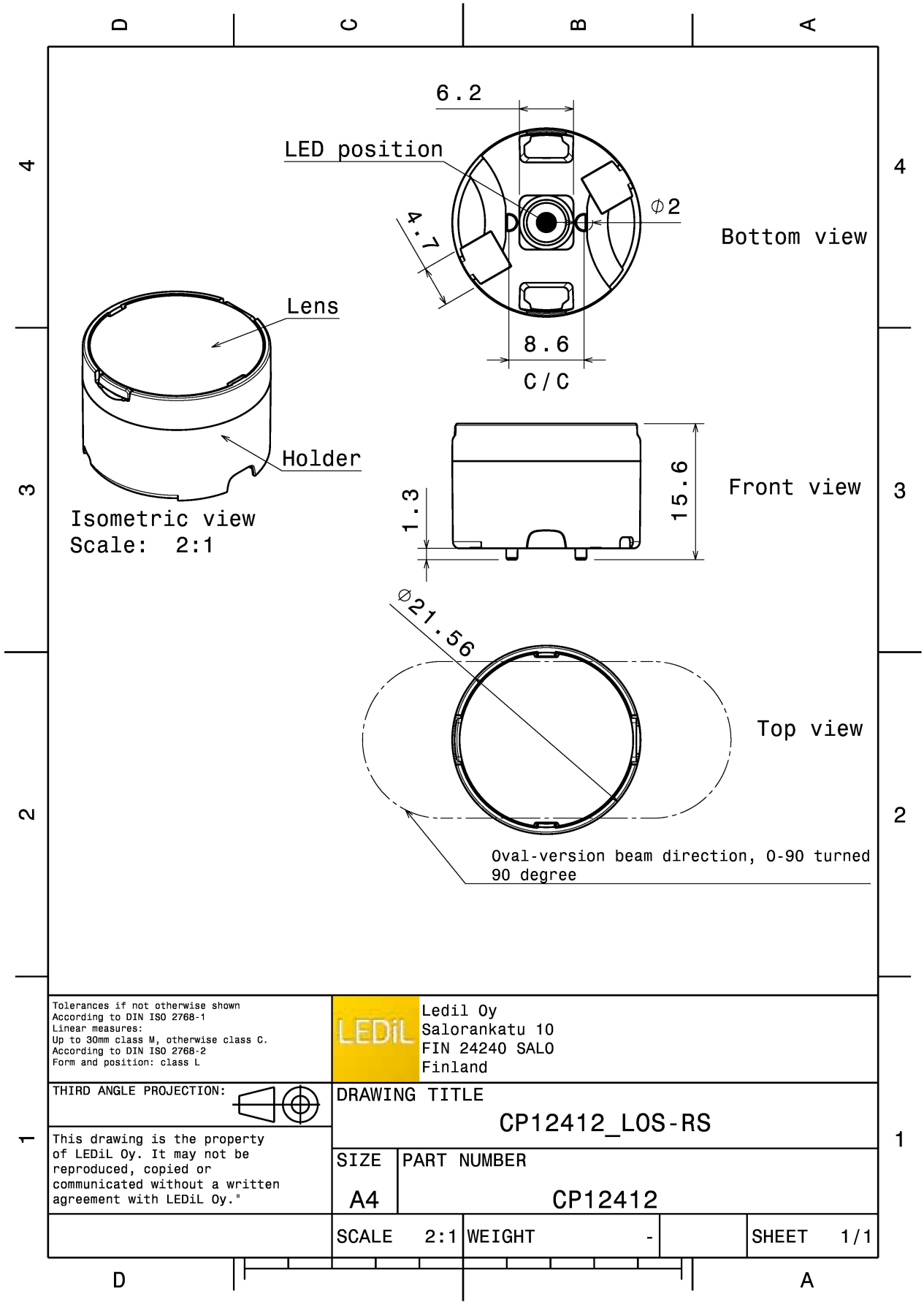
MATERIALS:

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

ORDERING INFORMATION:

Component		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					

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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 CP12412_LOS-RS
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	SCALE 2:1 / WEIGHT - / SHEET 1/1

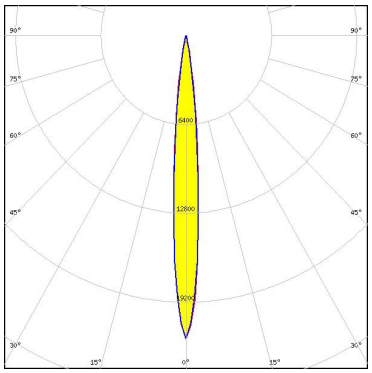
See also our general installation guide: www.ledil.com/installation_guide

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

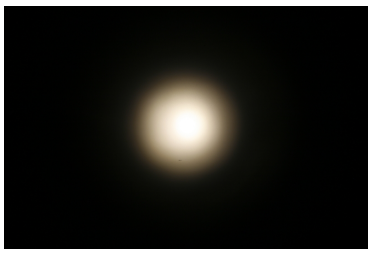
Required components:

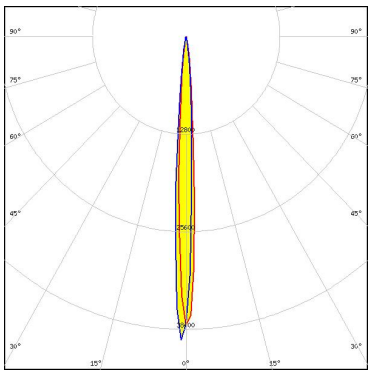


OSRAM
Opto Semiconductors

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:

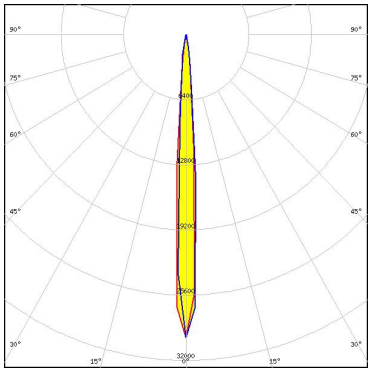




OSRAM
Opto Semiconductors

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:



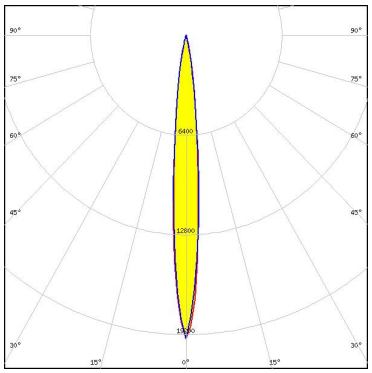
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OPTICAL RESULTS (SIMULATED):

CREE LEDs

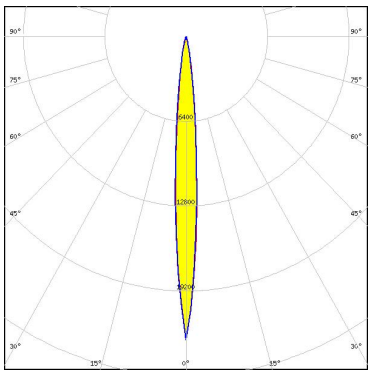
LED	XT-E
FWHM / FWTM	9.9° / 22.0°
Efficiency	94 %
Peak intensity	19.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





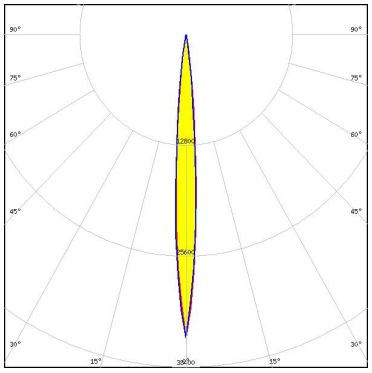
LUMILEDS

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:	



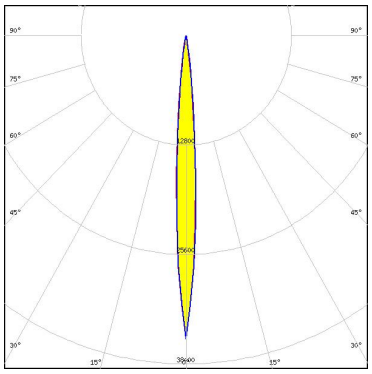
LUMILEDS

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:	



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	White
Required components:	

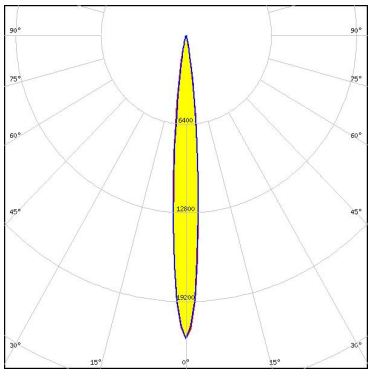


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OPTICAL RESULTS (SIMULATED):

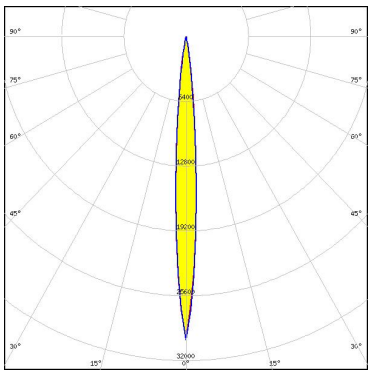
OSRAM
Opto Semiconductors

LED	OSLON 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:	



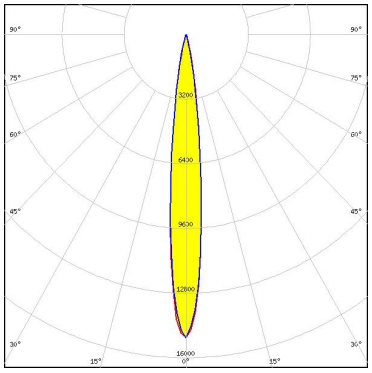
OSRAM
Opto Semiconductors

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



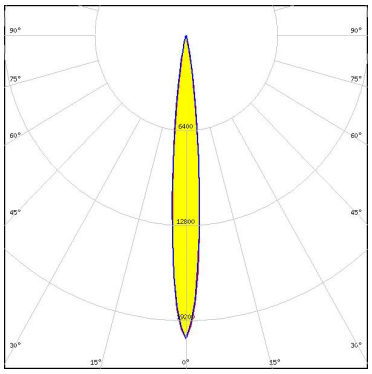
SAMSUNG

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



SEOUL 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:	



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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:

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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