

## LOS-RS

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



### TECHNICAL SPECIFICATIONS:

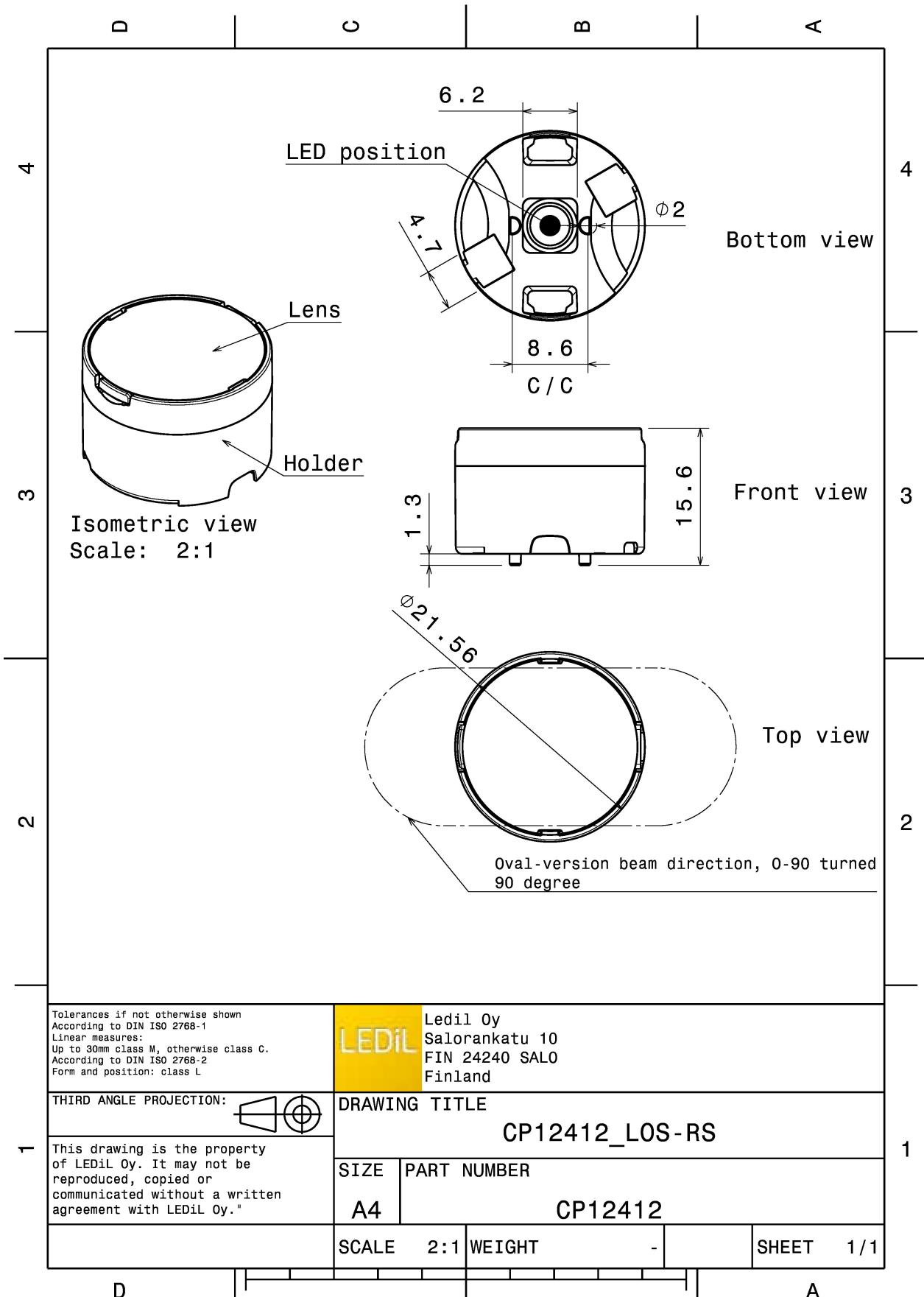
Dimensions	Ø 21.6 mm
Height	14.3 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

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



### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

Opto Semiconductors

LED OSLON Square EC

FWHM 10.0°

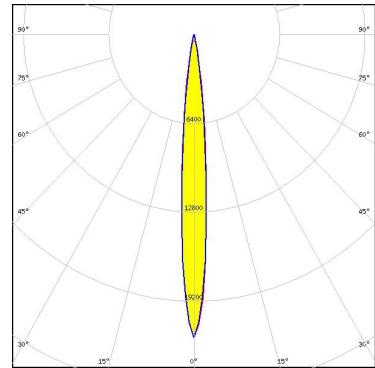
Efficiency 94 %

Peak intensity 20.900 cd/lm

LEDs/each optic 1

Light colour White

Required components:



#### OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM 6.0°

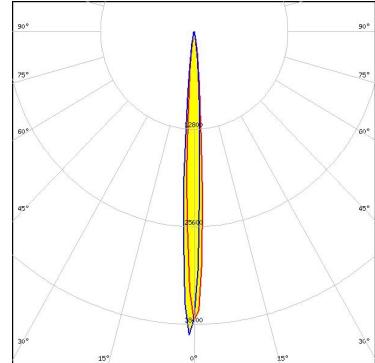
Efficiency 93 %

Peak intensity 40.000 cd/lm

LEDs/each optic 1

Light colour White

Required components:



#### OSRAM

Opto Semiconductors

LED OSLON SSL 80

FWHM 7.0°

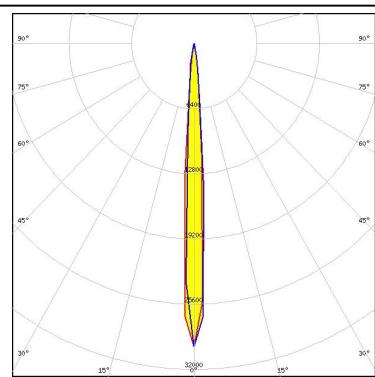
Efficiency 93 %

Peak intensity 29.800 cd/lm

LEDs/each optic 1

Light colour White

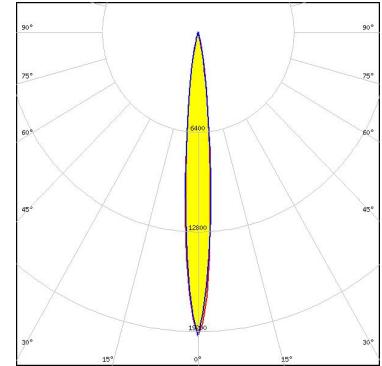
Required components:



### PHOTOMETRIC DATA (SIMULATED):

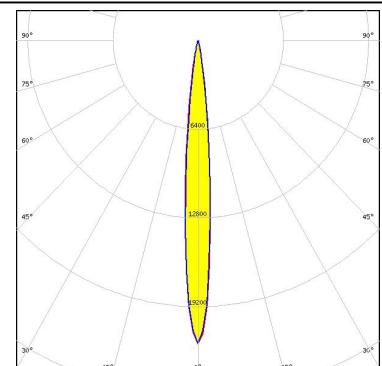
**CREE** 

LED XT-E  
FWHM 9.9°  
Efficiency 94 %  
Peak intensity 19.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



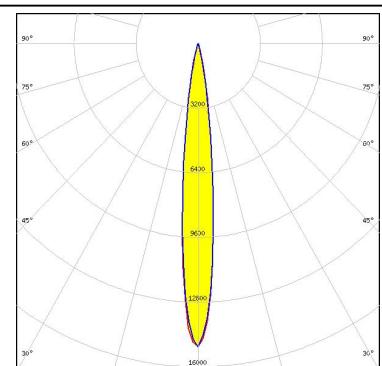
**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM 9.8°  
Efficiency 94 %  
Peak intensity 21.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



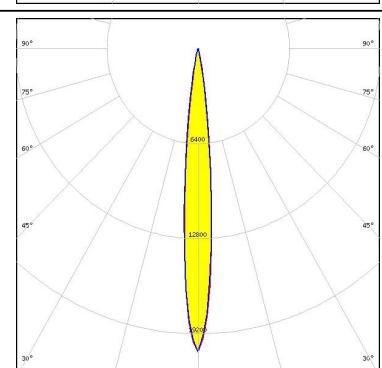
**SAMSUNG**

LED LH351B  
FWHM 12.0°  
Efficiency 94 %  
Peak intensity 15.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SEOUL**  
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 11.0°  
Efficiency 94 %  
Peak intensity 20.400 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.

## PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy  
Joensuunkatu 13  
FI-24240 SALO  
Finland

LEDiL Inc.  
228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

**Local sales and technical support**  
[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

**Shipping locations**  
Salo, Finland  
Hong Kong, China

**Distribution Partners**  
[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Ledil](#):

[CP12817\\_LXP3-RS2](#) [CP12412\\_LOS-RS](#)