

## LOS-O-90

~10° x 40° oval beam optimized for Osram Oslon Square EC. 14.3 mm high assembly. Variant with beam direction rotated 90°.



### SPECIFICATION:

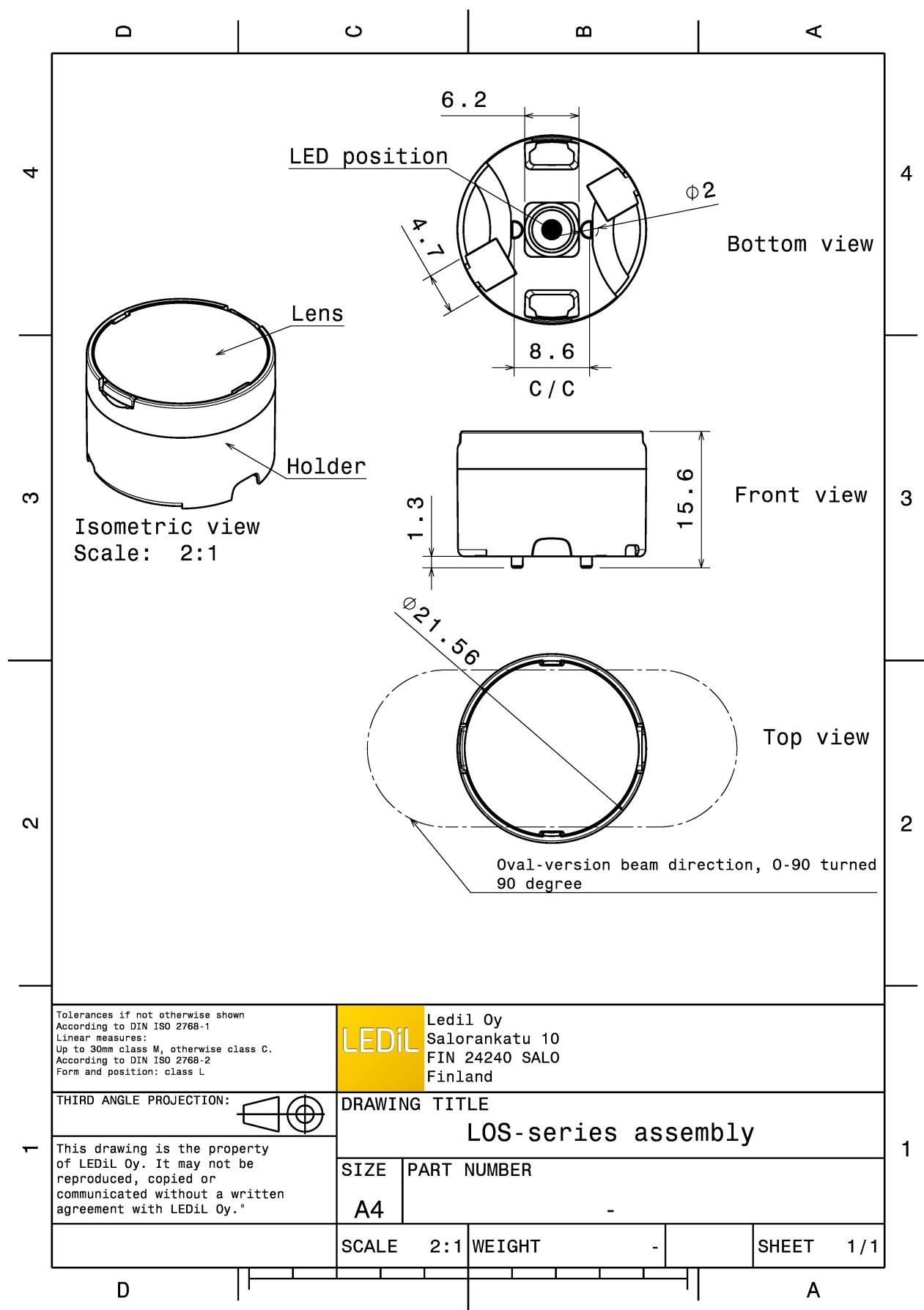
Dimensions	Ø 21.6 mm
Height	14.3 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

### MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-O-90	Single lens	PMMA	clear	
LEILA-HLD-OSL	Holder	PC	white	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP12415_LOS-O-90 » Box size: 480 x 280 x 300 mm	Single lens	1680	336	112

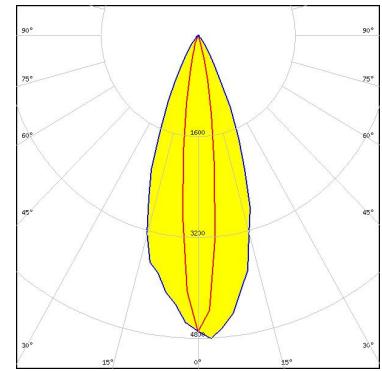


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):

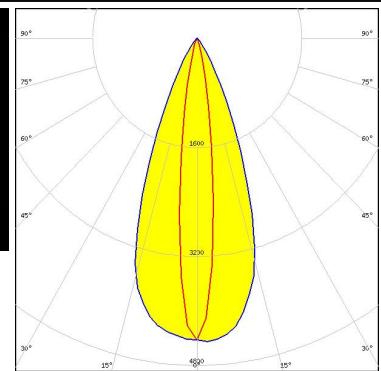


LED NF2x757A  
FWHM / FWTM 14.0 + 39.0° / 29.0 + 63.0°  
Efficiency 94 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Opto Semiconductors

LED Duris S5 (2 chip)  
FWHM / FWTM 14.0 + 42.0° / 28.0 + 64.0°  
Efficiency 91 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

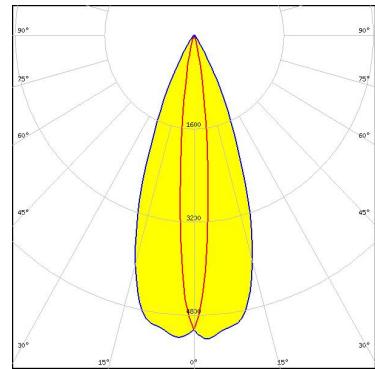


## OPTICAL RESULTS (SIMULATED):

### LUMILEDS

LED	LUXEON C
FWHM / FWTM	12.0 + 40.0° / 24.0 + 62.0°
Efficiency	95 %
Peak intensity	5.2 cd/lm
LEDs/each optic	1
Light colour	White

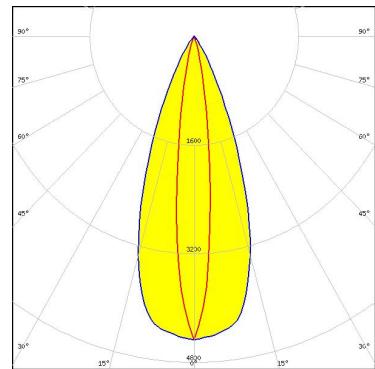
Required components:



### NICHIA

LED	NF2x757G
FWHM / FWTM	13.0 + 40.0° / 28.0 + 63.0°
Efficiency	91 %
Peak intensity	4.5 cd/lm
LEDs/each optic	1
Light colour	White

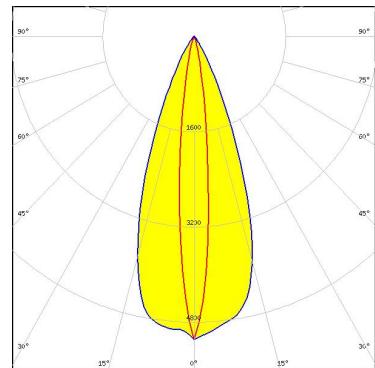
Required components:



### NICHIA

LED	NFSW757H
FWHM / FWTM	12.0 + 40.0° / 26.0 + 61.0°
Efficiency	94 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

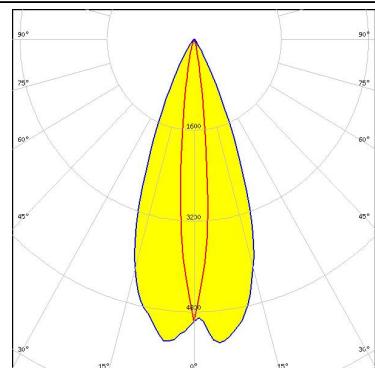


### OSRAM

Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	11.0 + 41.0° / 24.0 + 60.0°
Efficiency	94 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

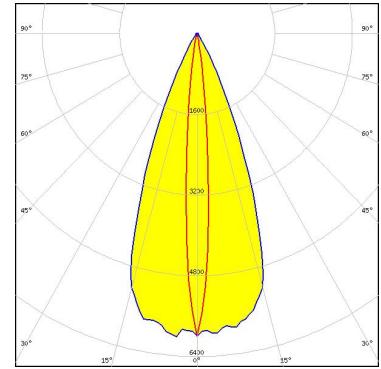


## OPTICAL RESULTS (SIMULATED):

### OSRAM

Opto Semiconductors

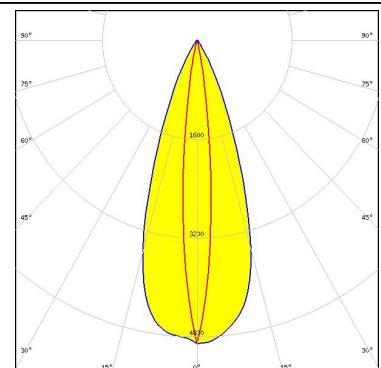
LED OSLON SSL 150  
FWHM / FWTM  $9.0 + 42.0^\circ / 18.0 + 59.0^\circ$   
Efficiency %  
Peak intensity 6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OSRAM

Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM  $11.0 + 38.0^\circ / 23.0 + 60.0^\circ$   
Efficiency %  
Peak intensity 4.9 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:

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