

## 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°.

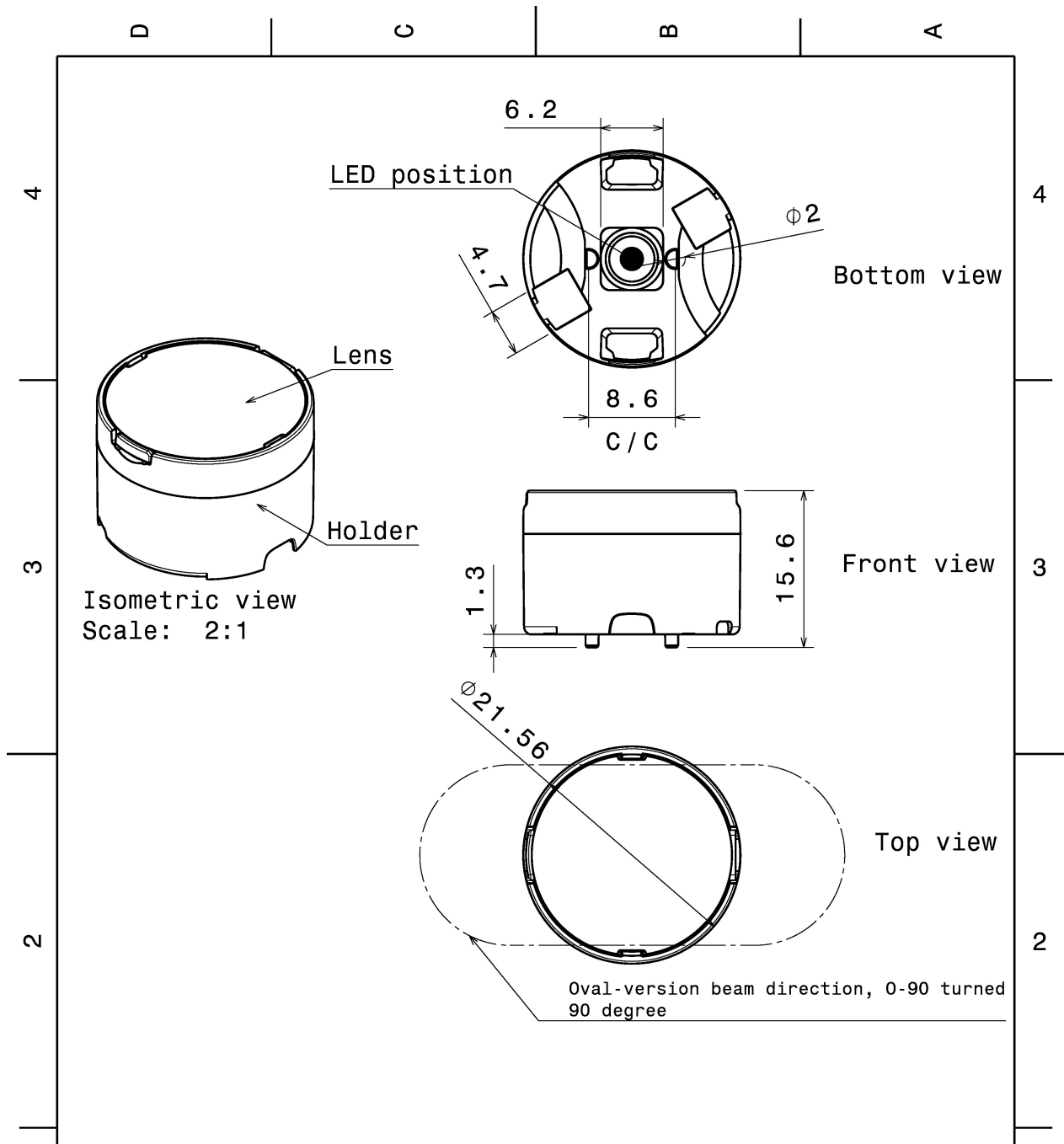
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.3 mm
Fastening	glue, pin
Colour	white
Box size	480 x 280 x 300 mm
Box weight	9.1 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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

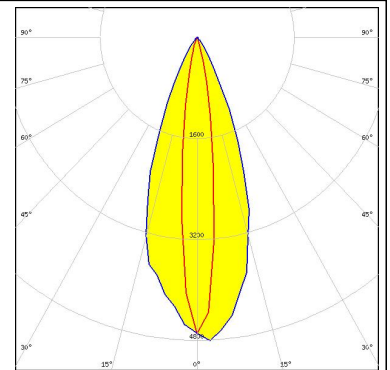


Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L				Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION:		<b>DRAWING TITLE</b> <b>LOS-series assembly</b>			
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		<b>SIZE</b> <b>A4</b>		<b>PART NUMBER</b> -	
		<b>SCALE</b> 2:1	<b>WEIGHT</b> -	<b>SHEET</b> 1/1	

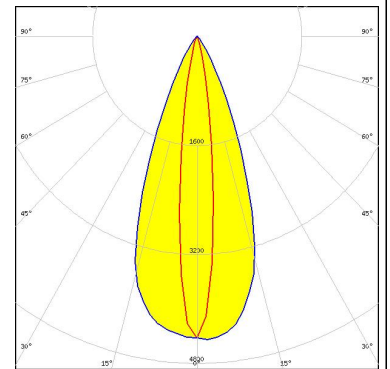
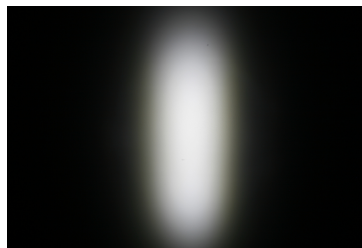
#### PHOTOMETRIC DATA (MEASURED):



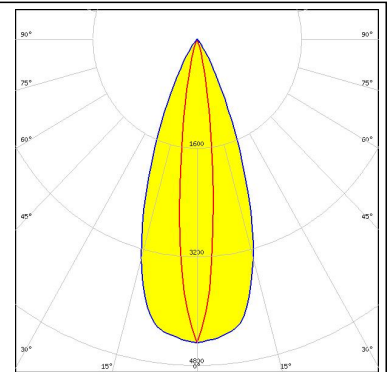
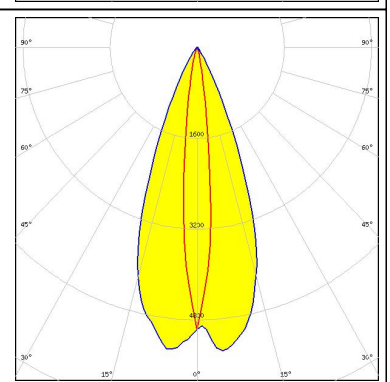
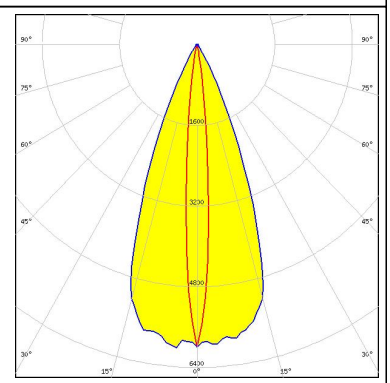
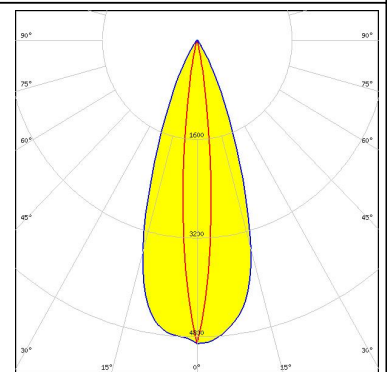
LED NF2x757A  
FWHM 14.0 + 39.0°  
Efficiency 94 %  
Peak intensity 4.700 cd/lm  
Required components:



LED Duris S5 (2 chip)  
FWHM 14.0 + 42.0°  
Efficiency 91 %  
Peak intensity 4.500 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM 13.0 + 40.0°            Efficiency 91 %            Peak intensity 4.500 cd/lm            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon Square EC            FWHM 11.0 + 41.0°            Efficiency 94 %            Peak intensity 5.400 cd/lm            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 150            FWHM 9.0 + 42.0°            Efficiency %            Peak intensity 6.000 cd/lm            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 80            FWHM 11.0 + 38.0°            Efficiency %            Peak intensity 4.900 cd/lm            Required components:</p>	

### 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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