

## LOS-D

~14° diffused spot beam optimized for Osram  
Oslon Square EC. 14.3 mm high assembly.

### TECHNICAL SPECIFICATIONS:

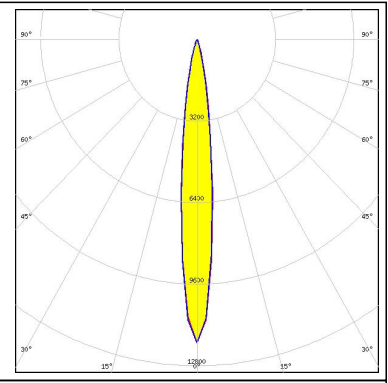

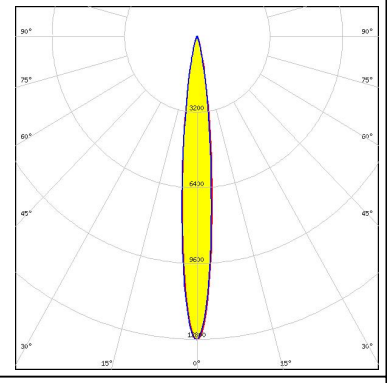

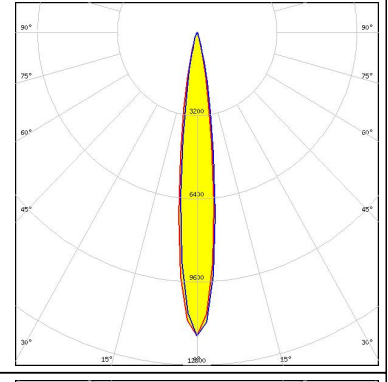
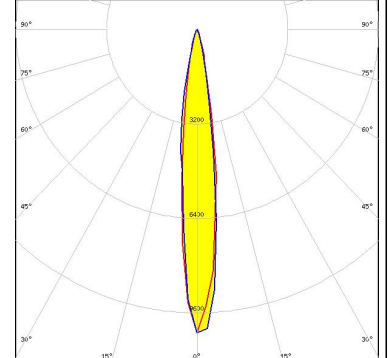
Dimensions	Ø 21.6 mm
Height	14.3 mm
Fastening	glue, pin
Colour	white
Box size	480 x 280 x 300 mm
Box weight	9.1 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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

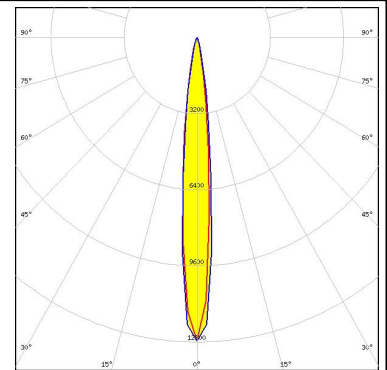
### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NF2x757A            FWHM 13.0°            Efficiency 91 %            Peak intensity 11.900 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NF2x757D            FWHM 12.0°            Efficiency 94 %            Peak intensity 12.830 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S5 (2 chip)            FWHM 14.0°            Efficiency 91 %            Peak intensity 11.700 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Oslon Square EC            FWHM 16.0°            Efficiency 93 %            Peak intensity 10.300 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

### PHOTOMETRIC DATA (MEASURED):

#### OSRAM Opto Semiconductors

LED Oslon SSL 150  
FWHM 11.0°  
Efficiency 87 %  
Peak intensity 12.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



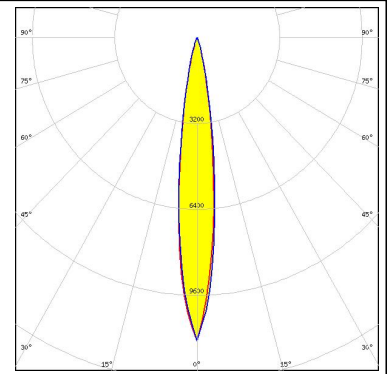
#### OSRAM Opto Semiconductors

LED Oslon SSL 80  
FWHM 10.0°  
Efficiency 93 %  
Peak intensity 12.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (SIMULATED):



LED NF2x757G  
FWHM 14.0°  
Efficiency 94 %  
Peak intensity 11.000 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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