

## 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
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP12413_LOS-D	Single lens	1680	0	112	9.1
» Box size: 480 x 280 x 300 mm					

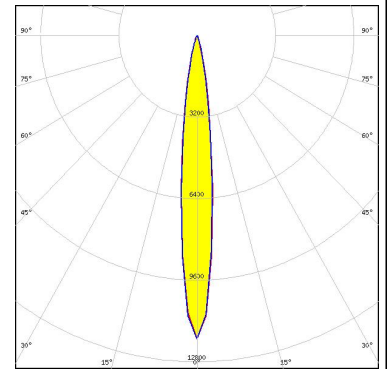




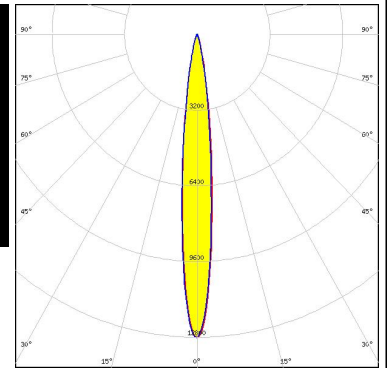
### PHOTOMETRIC DATA (MEASURED):



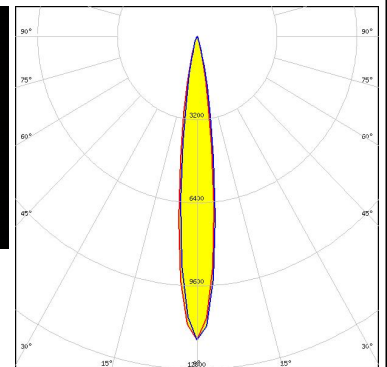
LED NF2x757A  
 FWHM / FWTM 13.0° / 28.0°  
 Efficiency 91 %  
 Peak intensity 11.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



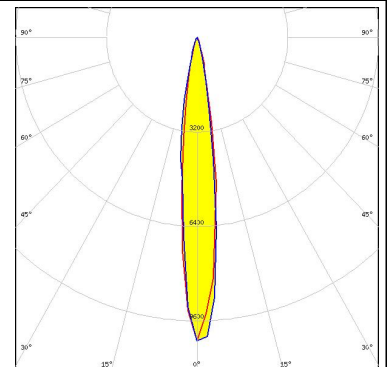
LED NF2x757D  
 FWHM / FWTM 12.0° / 26.0°  
 Efficiency 94 %  
 Peak intensity 12.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Duris S5 (2 chip)  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 91 %  
 Peak intensity 11.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSLOM Square EC  
 FWHM / FWTM 16.0° / 30.0°  
 Efficiency 93 %  
 Peak intensity 10.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

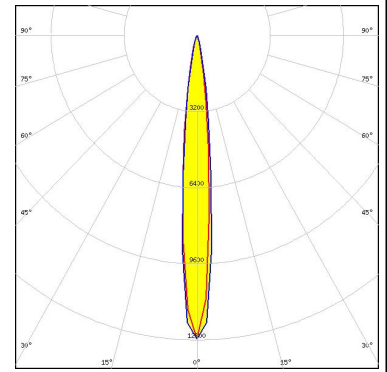


### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 11.0° / 24.0°  
Efficiency 87 %  
Peak intensity 12.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM

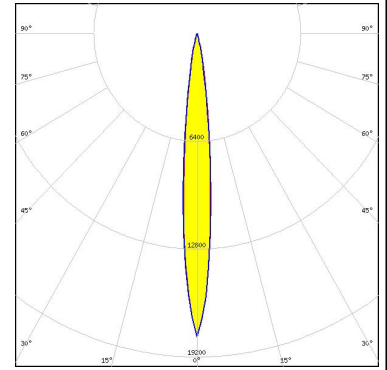
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 10.0° / 24.0°  
Efficiency 93 %  
Peak intensity 12.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (SIMULATED):

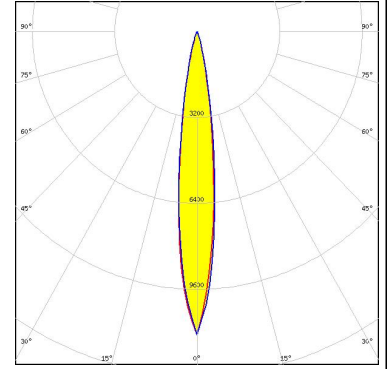
#### LUMILEDS

LED LUXEON C  
 FWHM / FWTM 10.0° / 23.0°  
 Efficiency 95 %  
 Peak intensity 18 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



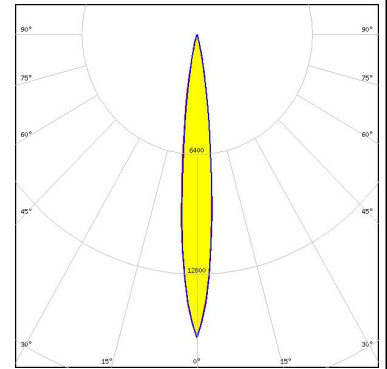
#### NICHIA

LED NF2x757G  
 FWHM / FWTM 14.0° / 29.0°  
 Efficiency 94 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Ospto Semiconductors  
 LED OSOLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 96 %  
 Peak intensity 16.2 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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