

LOS-D

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

SPECIFICATION:

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

MATERIALS:

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

ORDERING INFORMATION:

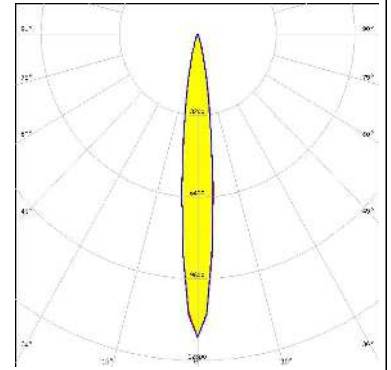
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP12413_LOS-D » Box size: 480 x 280 x 300 mm	Single lens	1680	0	112	9.1



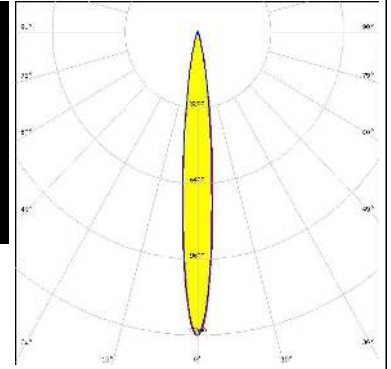
OPTICAL RESULTS (MEASURED):



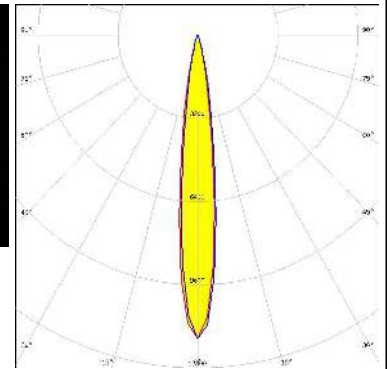
LED NF2x757A
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 91 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



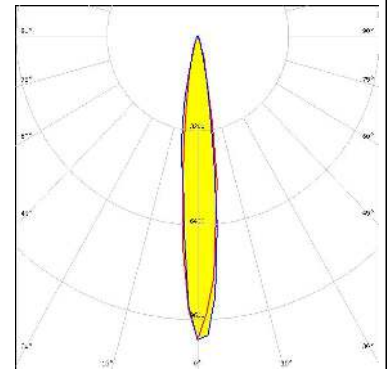
LED NF2x757D
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 94 %
 Peak intensity 12.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



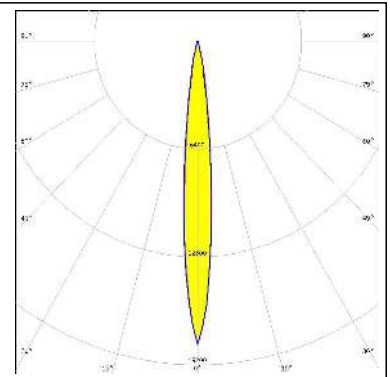
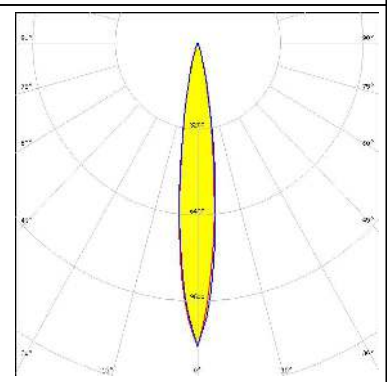
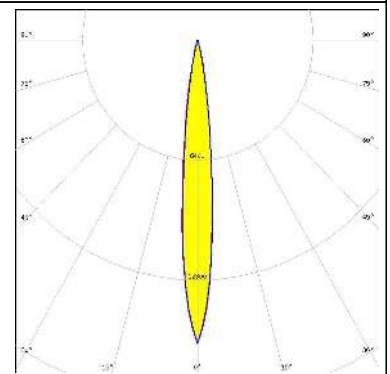
LED OSLOM Square EC
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 93 %
 Peak intensity 10.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

OSRAM <small>Opto Semiconductors</small>			
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 <small>Opto Semiconductors</small>			
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:			

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>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:</p>	
<p>NICHIA</p> <p>LED: NF2x757G FWHM / FWTM: 14.0° / 29.0° Efficiency: 94 % Peak intensity: 11 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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:</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:

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