

## LOS-M

~25° medium 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 | Length |
|---------------|-------------|----------|--------|--------|--------|
| LXP2-M        | Single lens | PMMA     | clear  |        | 21.6   |
| LEILA-HLD-OSL | Holder      | PC       | white  |        | 21.6   |



## ORDERING INFORMATION:

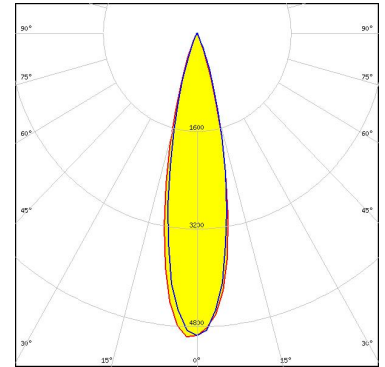
| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CP12414_LOS-M                  | Single lens | 1680       | 336 | 112 | 10.0            |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |



### OPTICAL RESULTS (MEASURED):



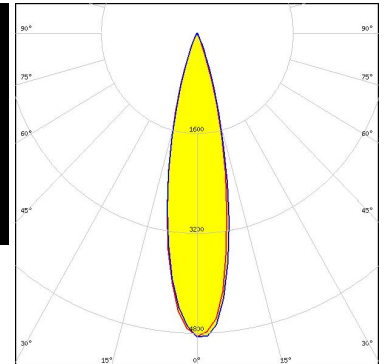
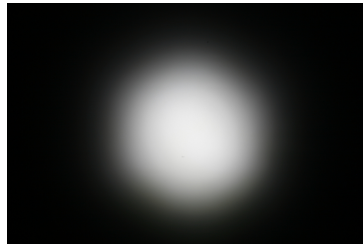
LED NF2x757A  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 92 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



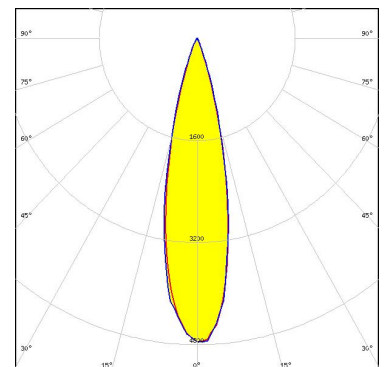
LED Duris S5 (2 chip)  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 92 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED OSLOM Square EC  
FWHM / FWTM 25.0° / 43.0°  
Efficiency 92 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

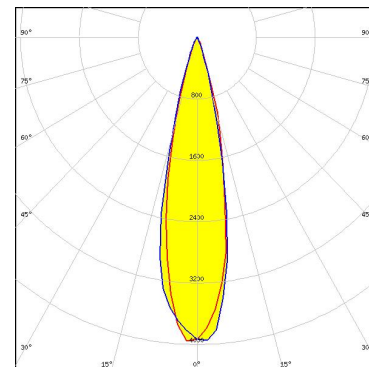


Light distribution files

### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 22.0° / 39.0°  
Efficiency 87 %  
Peak intensity 3.9 cd/m  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

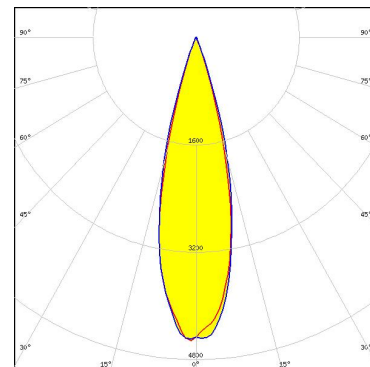
LED OSLON SSL 80  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 93 %  
Peak intensity 3.8 cd/m  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

### OPTICAL RESULTS (SIMULATED):



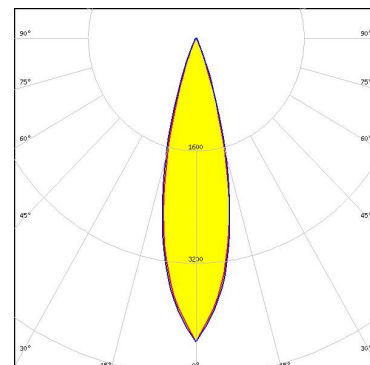
LED XQ-E HD  
FWHM / FWTM 28.0° / 44.0°  
Efficiency 95 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



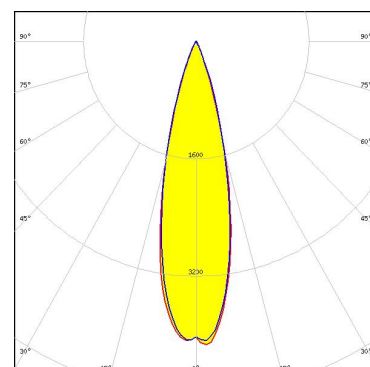
LED LUXEON C  
FWHM / FWTM 26.0° / 44.0°  
Efficiency 94 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NF2x757G  
FWHM / FWTM 26.0° / 44.0°  
Efficiency 93 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### 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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