



**THE DATASHEET OF
CP12943_LARISA-O-CLIP16**



LARISA-O-CLIP16

~40° x 20° oval beam. Clip fastening for 1.6 mm thick PCB.

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | 9.9 x 9.9 |
| Height | 7.5 mm |
| Fastening | clips |
| ROHS compliant | yes ⓘ |

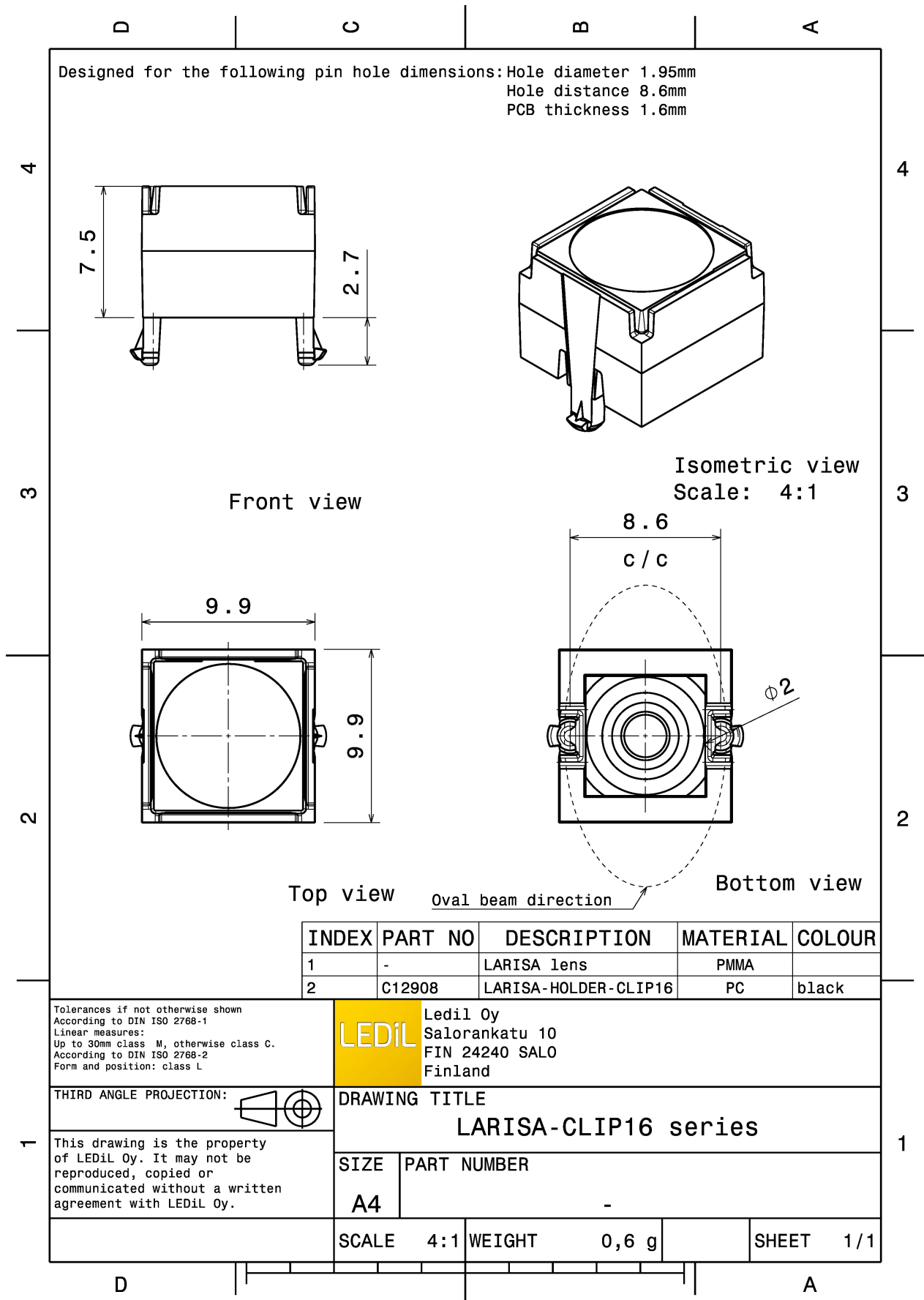


MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|----------------------|-------------|----------|--------|--------|-------------|
| LARISA-O | Single lens | PMMA | clear | | |
| LARISA-HOLDER-CLIP16 | Holder | PC | black | | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CP12943_LARISA-O-CLIP16 | Single lens | 10000 | 300 | 100 | 6.6 |
| » Box size: 300 x 250 x 250 mm | | | | | |

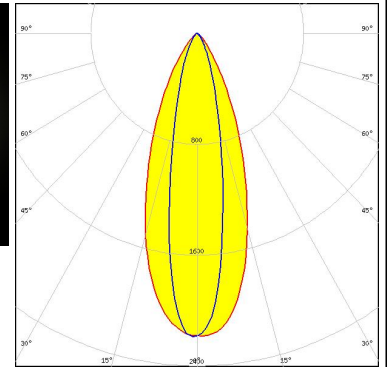


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



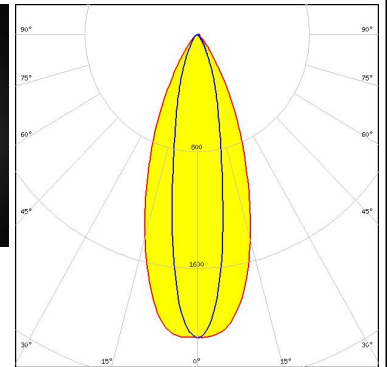
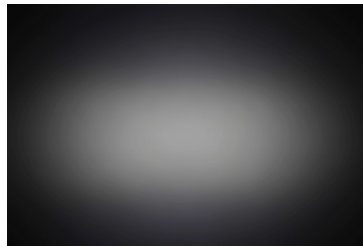
LED XB-D
FWHM / FWTM 39.0 + 21.0° / 73.0 + 49.0°
Efficiency 80 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



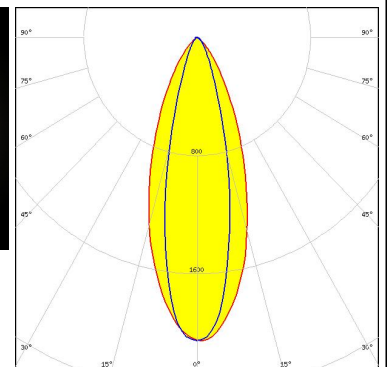
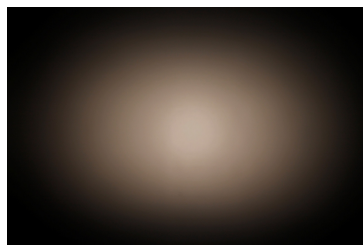
LED XD16
FWHM / FWTM 40.0 + 20.0° / 72.0 + 51.0°
Efficiency 75 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G
FWHM / FWTM 39.0 + 25.0° / 76.0 + 51.0°
Efficiency 83 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

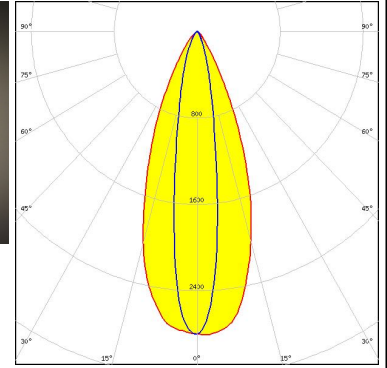
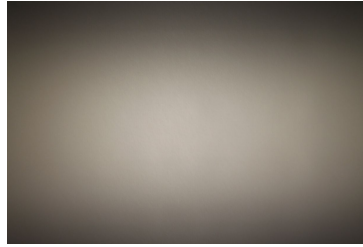


Light distribution files

OPTICAL RESULTS (MEASURED):



LED XQ-E HD
 FWHM / FWTM 40.0 + 17.0° / 68.0 + 42.0°
 Efficiency 82 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



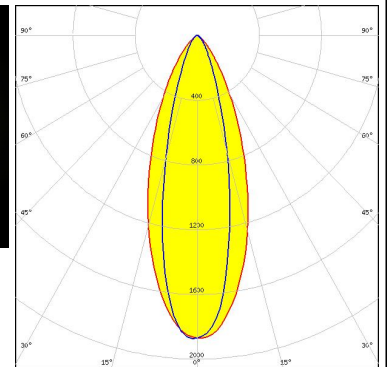
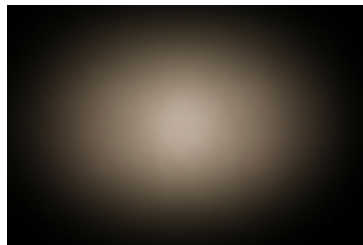
LED XQ-E HI
 FWHM / FWTM 43.0 + 14.0° / 64.0 + 36.0°
 Efficiency 74 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON A
 FWHM / FWTM 39.0 + 26.0° / 78.0 + 55.0°
 Efficiency 81 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

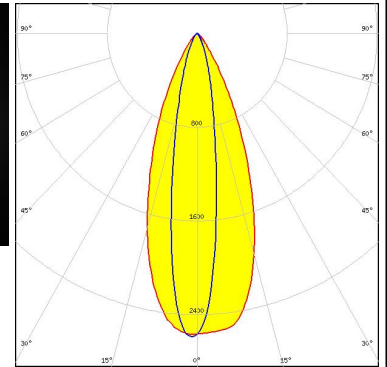
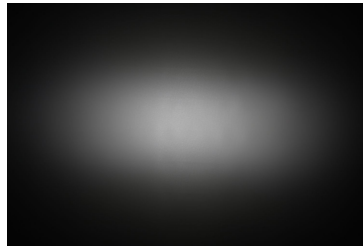


Light distribution files

OPTICAL RESULTS (MEASURED):



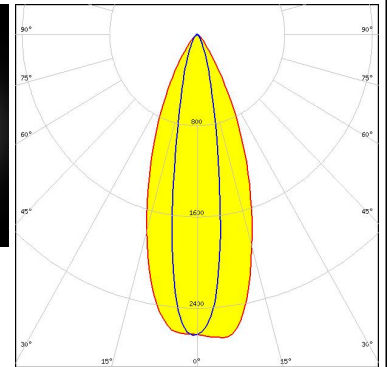
LED LUXEON C
FWHM / FWTM 40.0 + 18.0° / 69.0 + 43.0°
Efficiency 79 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



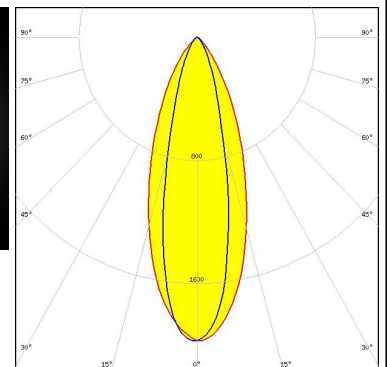
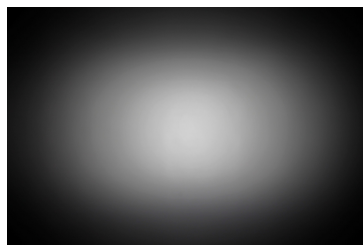
LED LUXEON Rebel
FWHM / FWTM 40.0 + 18.0° / 70.0 + 42.0°
Efficiency 84 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Rebel ES
FWHM / FWTM 39.0 + 25.0° / 77.0 + 54.0°
Efficiency 82 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

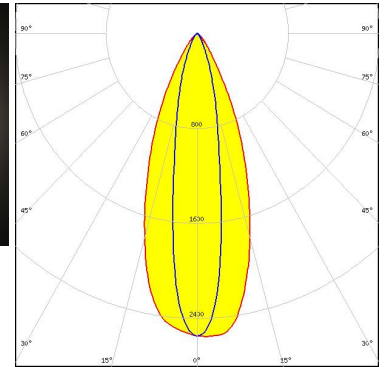
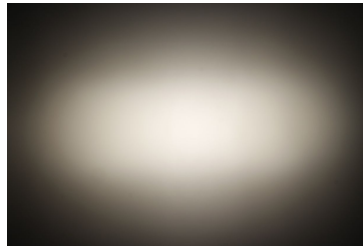


Light distribution files

OPTICAL RESULTS (MEASURED):



LED LUXEON Rebel Plus
FWHM / FWTM 40.0 + 19.0° / 69.0 + 46.0°
Efficiency 83 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



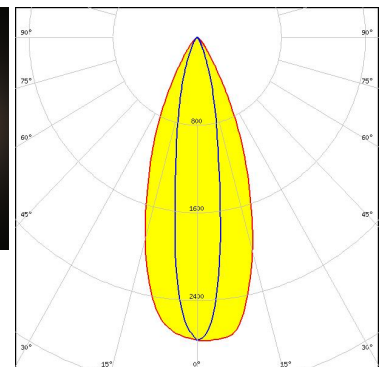
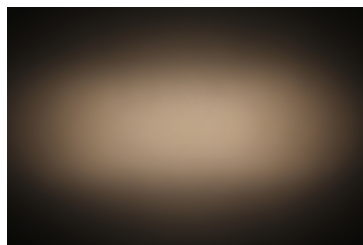
LED LUXEON Z
FWHM / FWTM 41.0 + 14.0° / 62.0 + 360.0°
Efficiency 81 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Z ES
FWHM / FWTM 40.0 + 18.0° / 68.0 + 44.0°
Efficiency 86 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

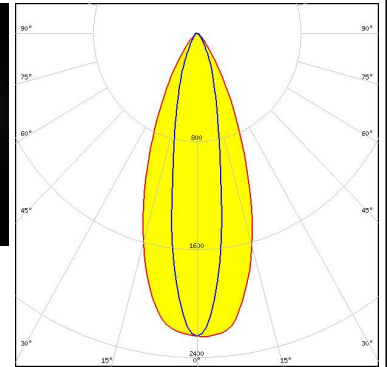


Light distribution files

OPTICAL RESULTS (MEASURED):



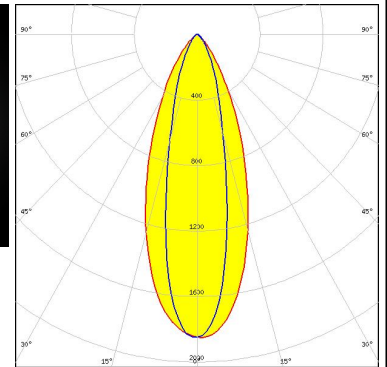
LED NCSxx19A
 FWHM / FWTM 41.0 + 19.0° / 71.0 + 50.0°
 Efficiency 81 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



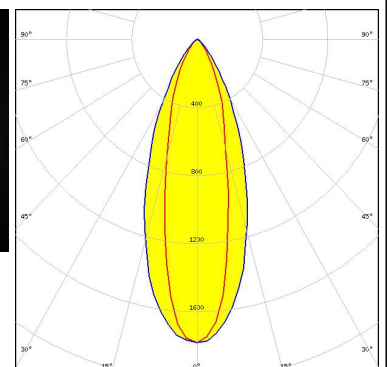
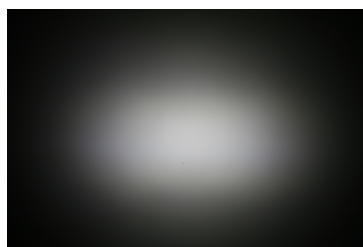
LED NVSxx19A
 FWHM / FWTM 40.0 + 24.0° / 77.0 + 57.0°
 Efficiency 79 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Duris S5 (2 chip)
 FWHM / FWTM 26.0 + 41.0° / 63.0 + 77.0°
 Efficiency 79 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

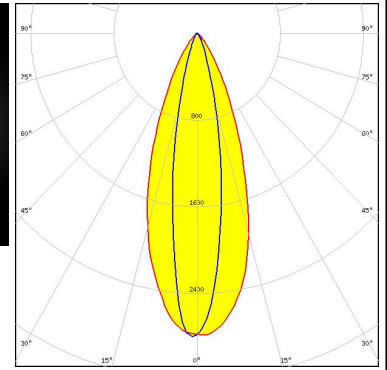


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

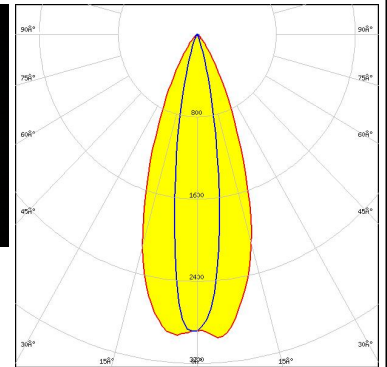
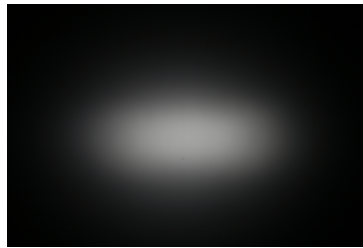
LED OSLON SSL 150
FWHM / FWTM 39.0 + 19.0° / 70.0 + 40.0°
Efficiency 84 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 40.0 + 17.0° / 70.0 + 48.0°
Efficiency 77 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

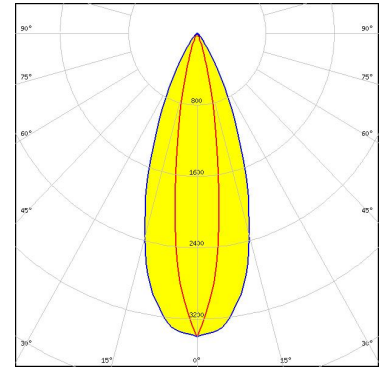


Light distribution files

OPTICAL RESULTS (SIMULATED):



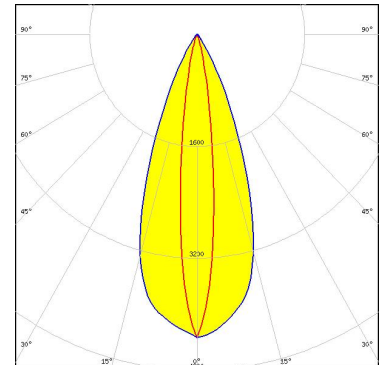
LED XP-E
FWHM / FWTM 39.0 + 17.0°
Efficiency 89 %
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



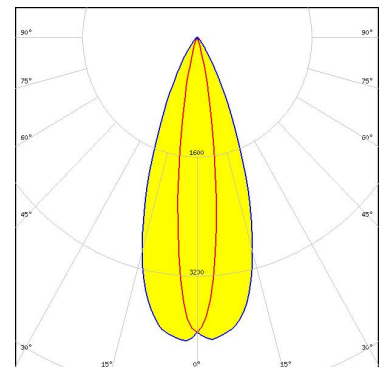
LED LUXEON Z
FWHM / FWTM 40.0 + 14.0° / 62.0 + 28.0°
Efficiency 88 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSOLON Pure 1414
FWHM / FWTM 16.0 + 40.0° / 30.0 + 64.0°
Efficiency 90 %
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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