

LOS-W

~40° wide beam optimized for Osram Oslon
Square EC. 14.3 mm high assembly.



SPECIFICATION:

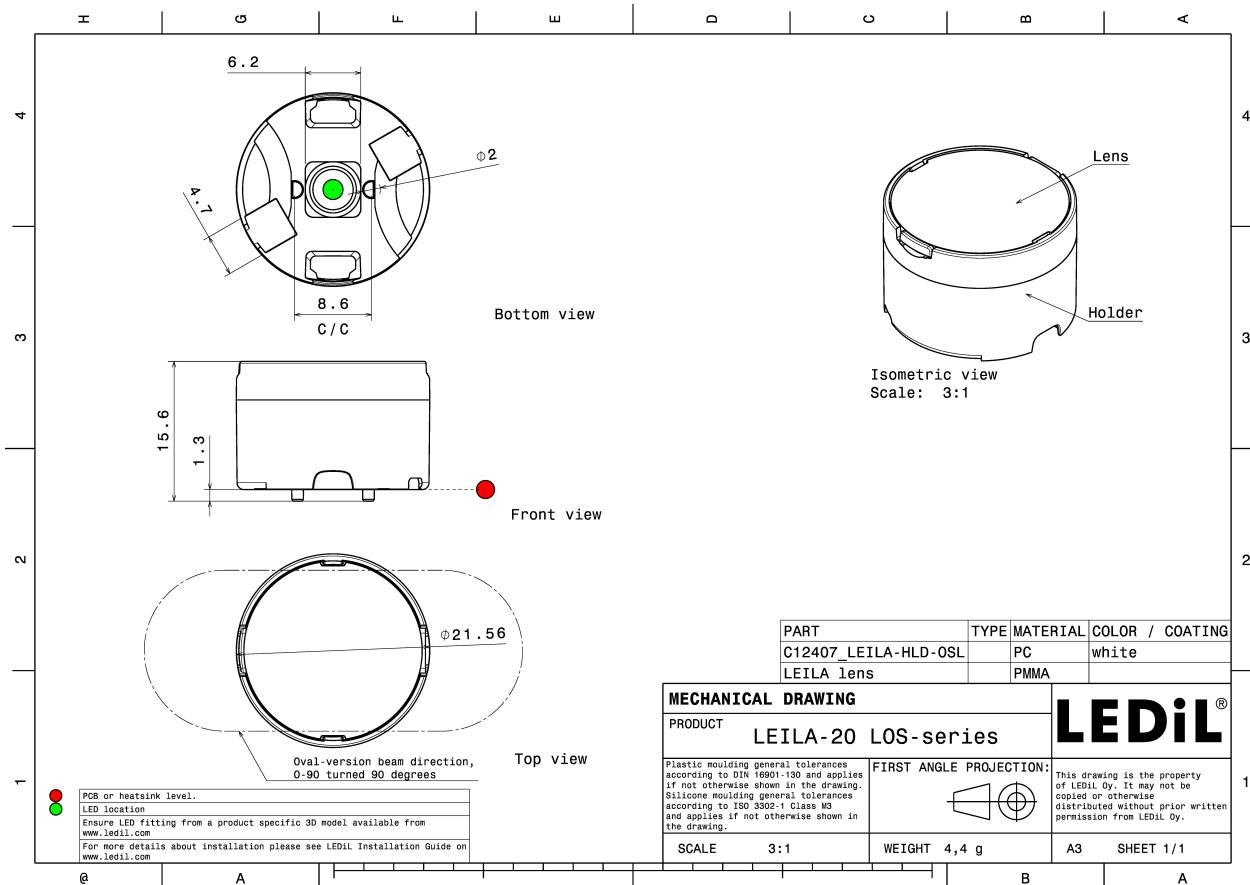
| | |
|----------------|-----------|
| Dimensions | Ø 21.6 mm |
| Height | 14.3 mm |
| Fastening | glue, pin |
| ROHS compliant | yes ⓘ |

MATERIALS:

| Component | Type | Material | Colour | Finish | Length |
|---------------|-------------|----------|--------|--------|--------|
| LXP2-W | Single lens | PMMA | | | 21.6 |
| LEILA-HLD-OSL | Holder | PC | white | | 21.6 |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|-------------|------|-----|-----------------|
| CP12416_LOS-W » Box size: 480 x 280 x 300 mm | Single lens | 1680 | 112 | 9.0 |



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

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square EC

FWHM / FWTM 46.0° / 69.0°

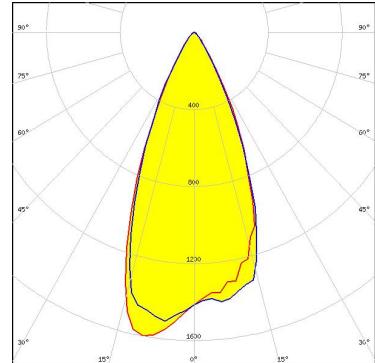
Efficiency 90 %

Peak intensity 1.4 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files

OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM / FWTM 34.0° / 58.0°

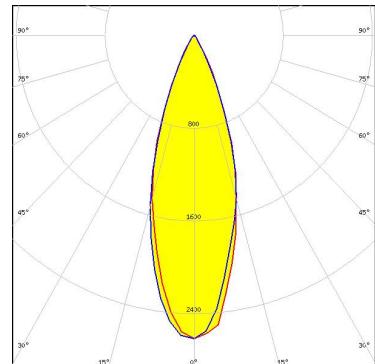
Efficiency 92 %

Peak intensity 2.6 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files

OSRAM

Opto Semiconductors

LED OSLON SSL 80

FWHM / FWTM 46.0° / 68.0°

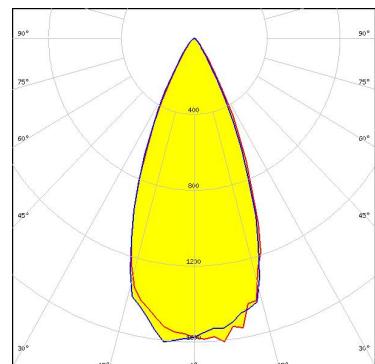
Efficiency 92 %

Peak intensity 1.6 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

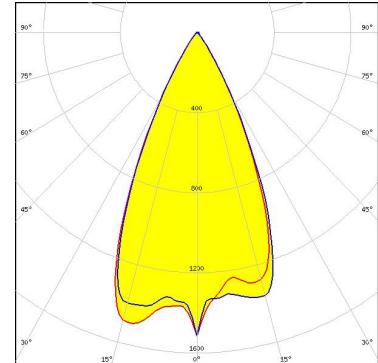


Light distribution files

OPTICAL RESULTS (SIMULATED):



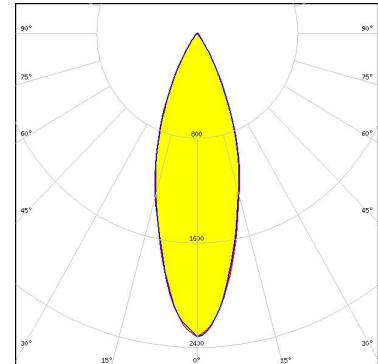
LED XQ-E HD
FWHM / FWTM 50.0° / 68.0°
Efficiency 96 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON C
FWHM / FWTM 34.0° / 62.0°
Efficiency 94 %
Peak intensity 2.3 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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