# 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 |

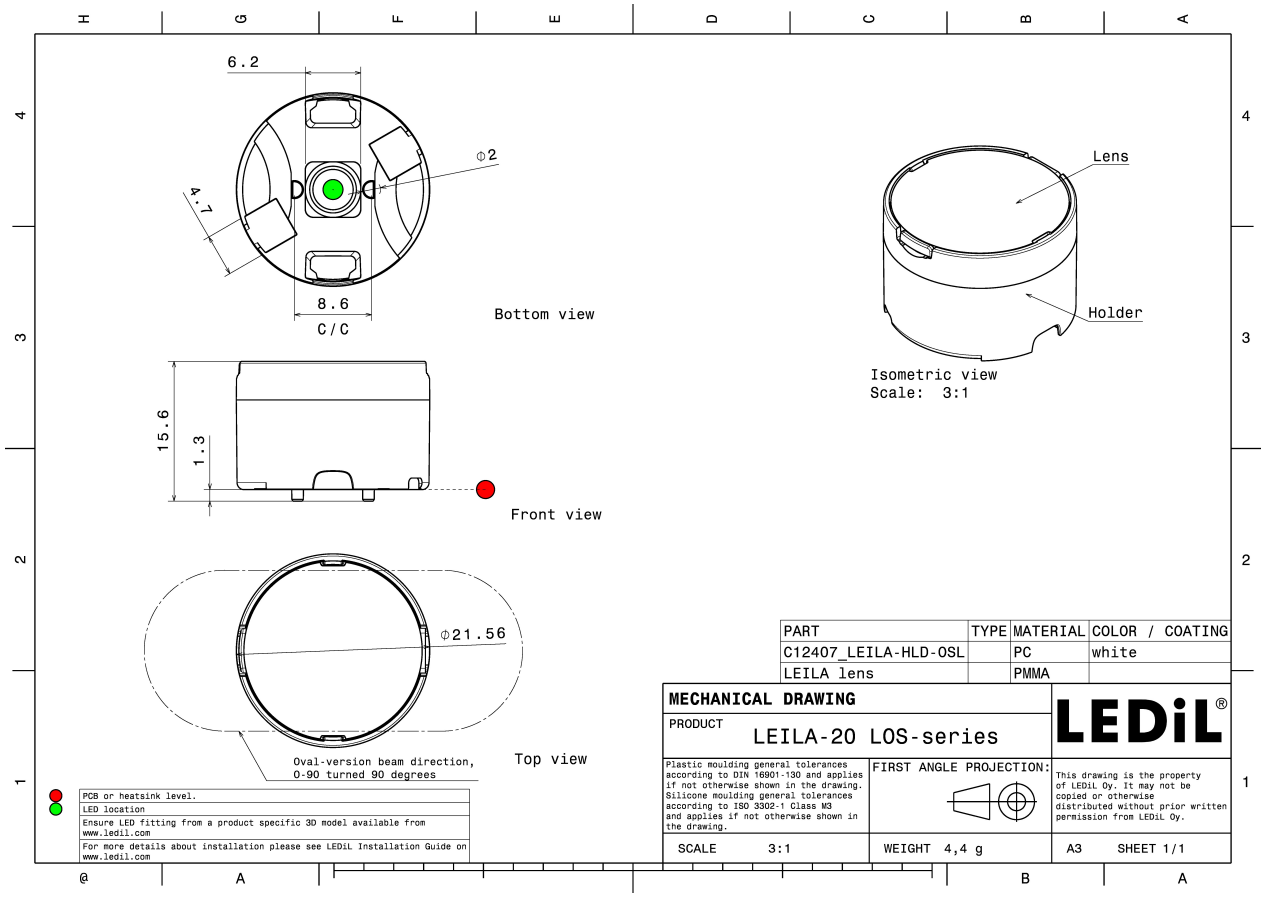
## MATERIALS:

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

## ORDERING INFORMATION:

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


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| PART | TYPE | MATERIAL | COLOR / COATING |
|---|---|---|---|
| C12407_LEILA-HLD-OSL | | PC | white |
| LEILA lens | | PMMA | |

**MECHANICAL DRAWING**

PRODUCT
LEILA-20 LOS-series

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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SCALE 3:1 | WEIGHT 4,4 g | A3 SHEET 1/1

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

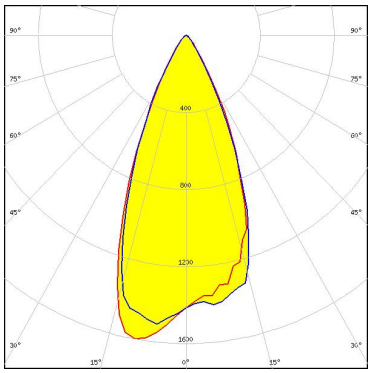

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## OPTICAL RESULTS (MEASURED):

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 | White |

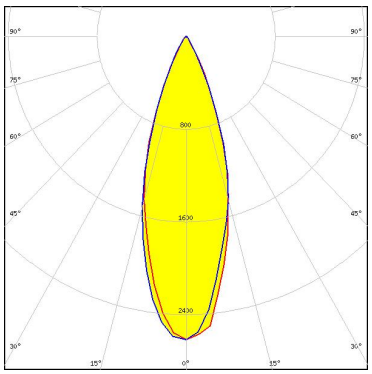
Required components:



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 | White |

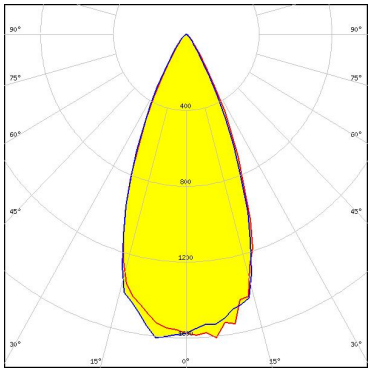
Required components:



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 | White |

Required components:

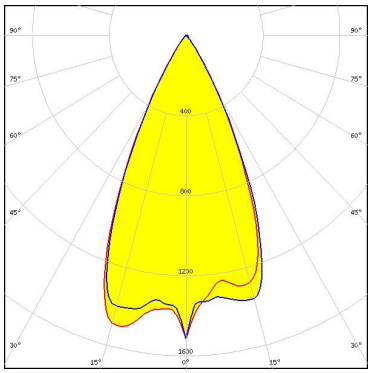



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## OPTICAL RESULTS (SIMULATED):

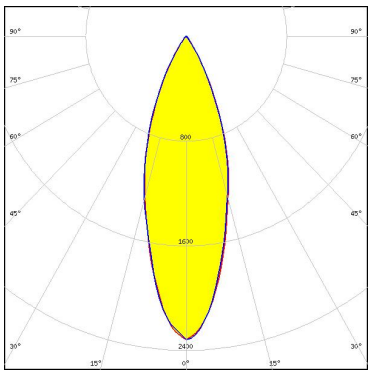
CREE LEDs

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



LUMILEDS

| | |
|---|---|
| LED | LUXEON C |
| FWHM / FWTM | 34.0° / 62.0° |
| Efficiency | 94 % |
| Peak intensity | 2.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |




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## 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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