

## LAURA-WWW-PIN

~80° very wide beam. Assembly with white holder.

## SPECIFICATION:

|                |             |
|----------------|-------------|
| Dimensions     | 21.6 x 21.6 |
| Height         | 13.1 mm     |
| Fastening      | tape, pin   |
| ROHS compliant | yes ⓘ       |

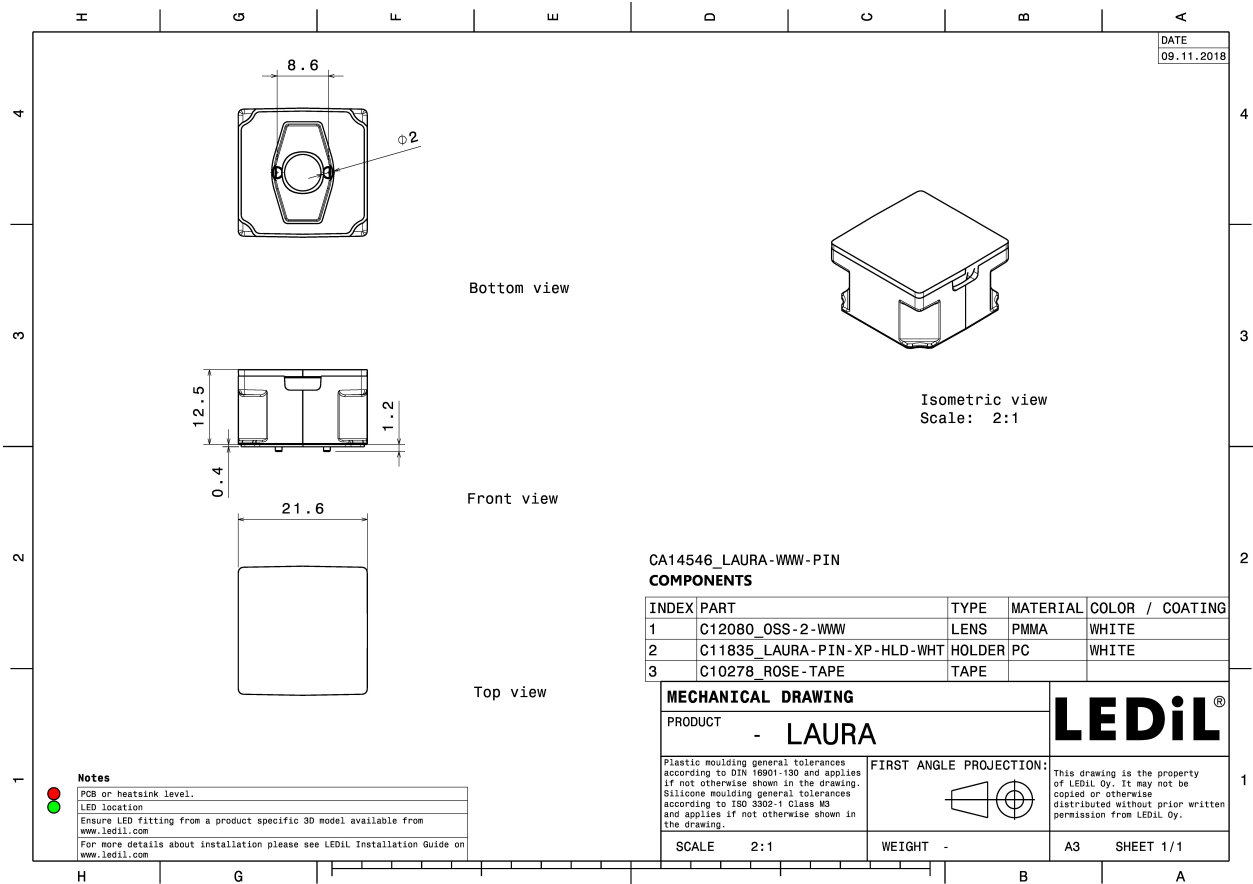


## MATERIALS:

| Component            | Type        | Material   | Colour | Finish | Length (mm) |
|----------------------|-------------|------------|--------|--------|-------------|
| OSS-2-WWW            | Single lens | PMMA       | white  |        |             |
| LAURA-PIN-XP-HLD-WHT | Holder      | PC         | white  |        |             |
| ROSE-TAPE            | Tape        | Acryl tape | grey   |        |             |

## ORDERING INFORMATION:

| Component   | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| CA14546_LAURA-WWW-PIN<br>» Box size: 451 x 254 x 152 mm | 1440       | 360 | 180 | 8.0             |

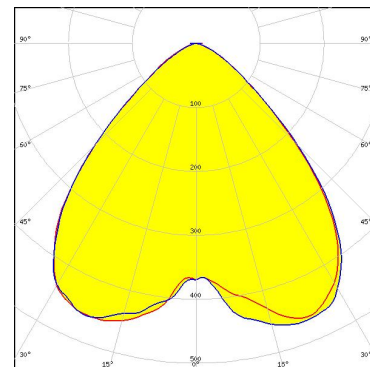


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (SIMULATED):



LED XP-G3  
 FWHM / FWTM 89.0° / 123.0°  
 Efficiency 91 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



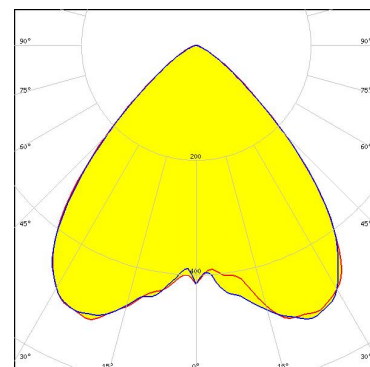
Light distribution files



LED LUXEON T  
 FWHM / FWTM 85.0°  
 Efficiency 90 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 87.0° / 115.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

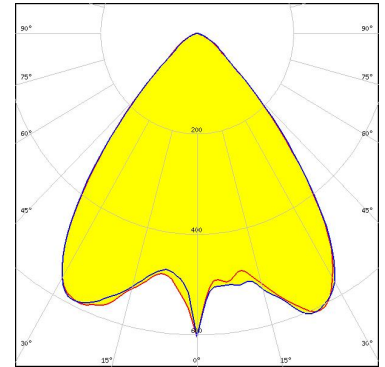


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

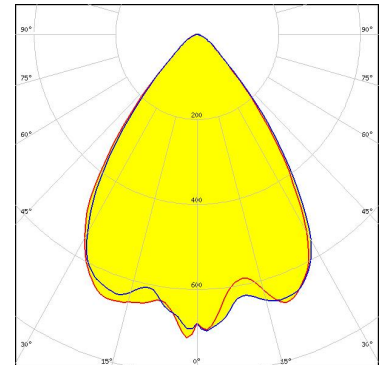
LED OSLON Signal  
FWHM / FWTM 80.0° / 108.0°  
Efficiency 97 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type Blue  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

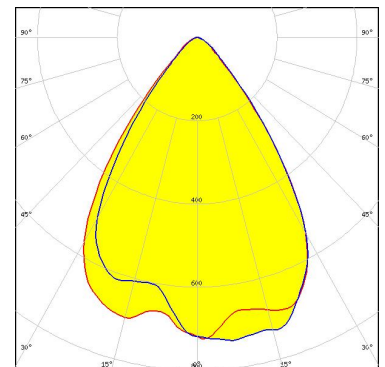
LED OSLON SSL 80  
FWHM / FWTM 74.0° / 102.0°  
Efficiency 97 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 72.0° / 98.0°  
Efficiency 97 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type Red  
Required components:

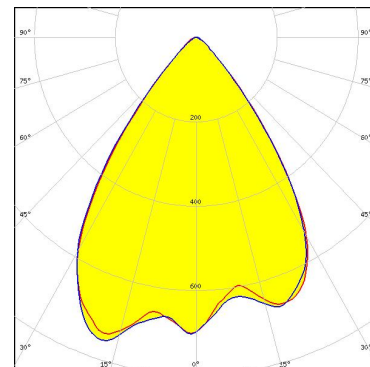


Light distribution files

## OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

|                      |               |
|----------------------|---------------|
| LED                  | OSLON SSL 80  |
| FWHM / FWTM          | 72.0° / 95.0° |
| Efficiency           | 97 %          |
| Peak intensity       | 0.8 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour/type    | True Green    |
| 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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