

## TINA-Y-O-WHT

~45° + 15° oval beam. Assembly with holder, installation tape and pins. White version

## SPECIFICATION:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 16.1 mm |
| Height         | 10 mm     |
| Fastening      | tape, pin |
| ROHS compliant | yes ⓘ     |

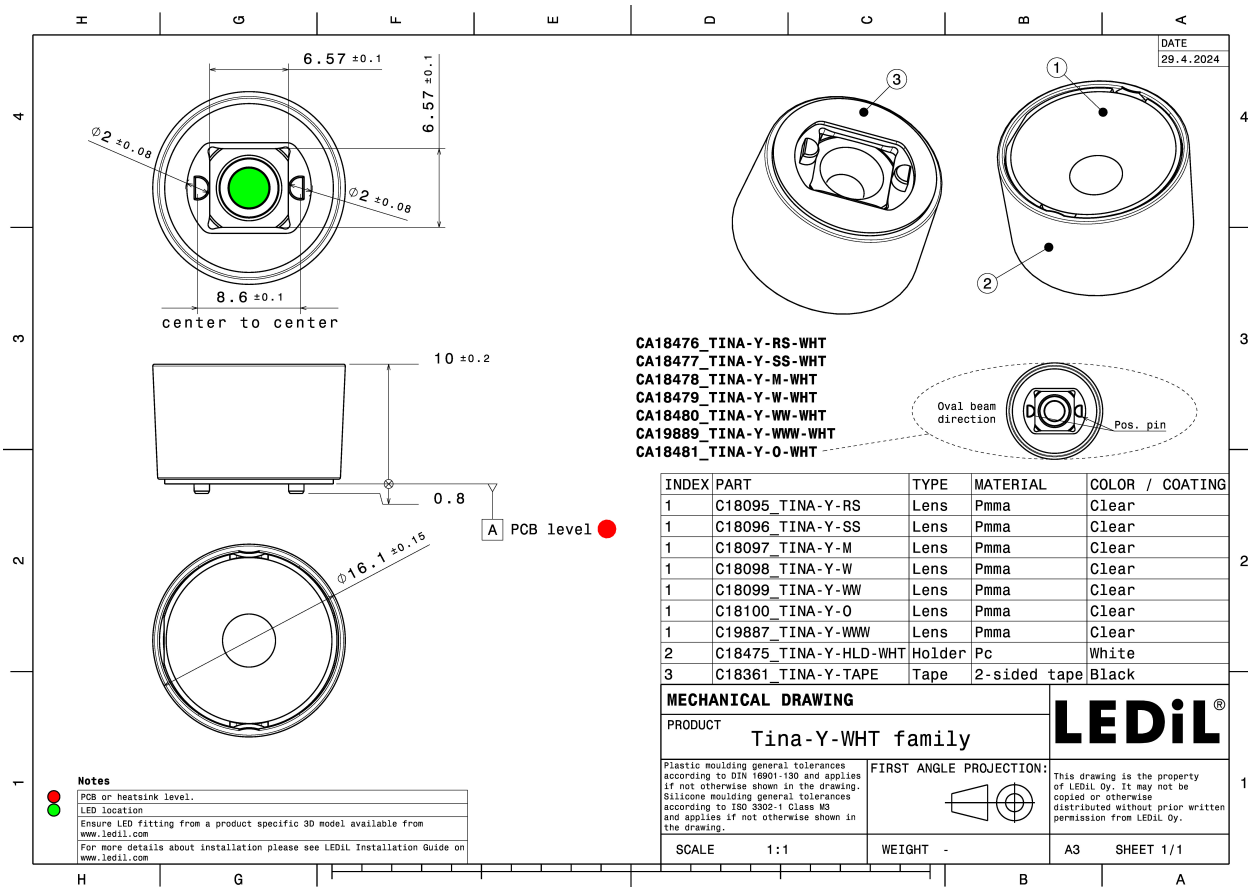


## MATERIALS:

| Component      | Type        | Material     | Colour | Finish | Length |
|----------------|-------------|--------------|--------|--------|--------|
| TINA-Y-O       | Single lens | PMMA         | clear  | gloss  | 14.7   |
| TINA-Y-HLD-WHT | Holder      | PC           | white  |        | 16.1   |
| TINA-Y-TAPE    | Tape        | Acrylic foam |        |        |        |

## ORDERING INFORMATION:

| Component                                              | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------------------------------|------------|-----|-----|-----------------|
| CA18481_TINA-Y-O-WHT<br>» Box size: 476 x 273 x 197 mm | 3900       | 300 | 300 | 6.5             |

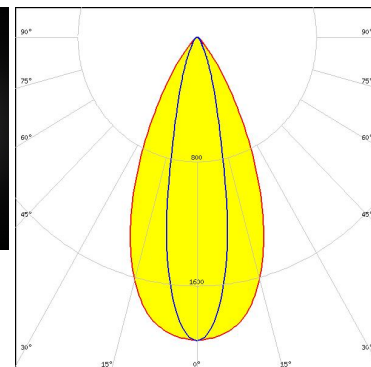
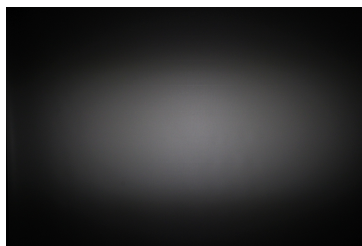


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



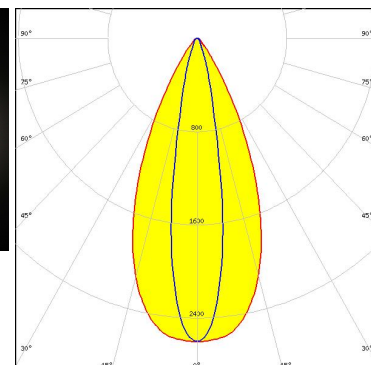
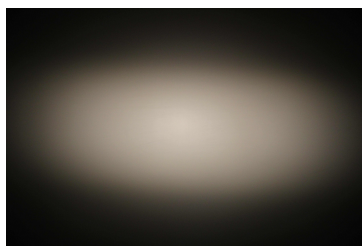
LED XP-G3  
 FWHM / FWTM 49.0 + 23.0° / 78.0 + 48.0°  
 Efficiency 82 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSW719AC  
 FWHM / FWTM 47.0 + 20.0° / 74.0 + 40.0°  
 Efficiency 91 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

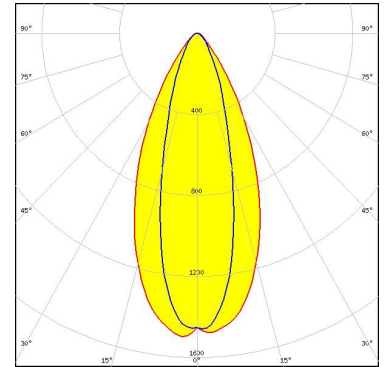


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



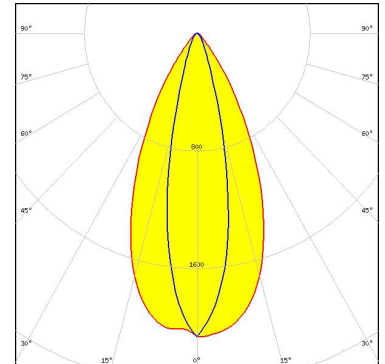
LED LUXEON 5050 Square LES  
 FWHM / FWTM 48.0 + 28.0° / 83.0 + 65.0°  
 Efficiency 87 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



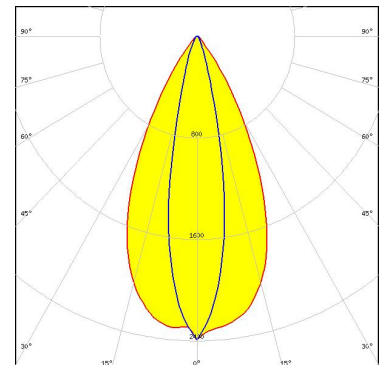
LED LUXEON HL2X  
 FWHM / FWTM 50.0 + 23.0° / 79.0 + 45.0°  
 Efficiency 89 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM 50.0 + 22.0° / 76.0 + 41.0°  
 Efficiency 90 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

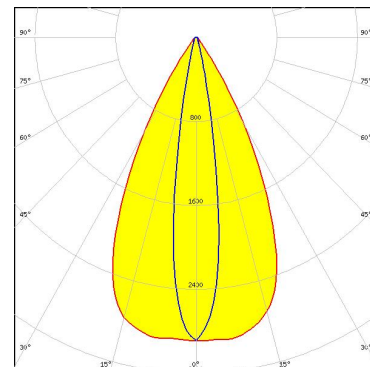


Light distribution files

## OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

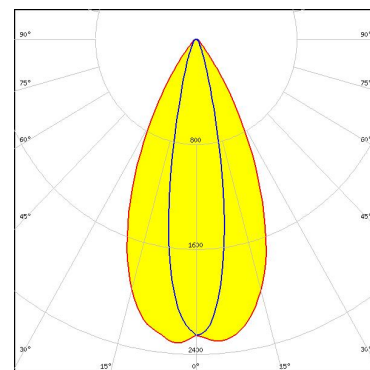
LED OSLON SSL 150  
FWHM / FWTM 53.0 + 16.0° / 72.0 + 30.0°  
Efficiency 93 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LH351B  
FWHM / FWTM 50.0 + 22.0° / 76.0 + 42.0°  
Efficiency 92 %  
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:

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