

LEILA-Y-O

~45° + 15° oval beam. 14.8 mm high assembly with holder, installation tape and pins.

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 21.6 mm |
| Height | 14.8 mm |
| Fastening | tape, pin |
| ROHS compliant | yes ⓘ |

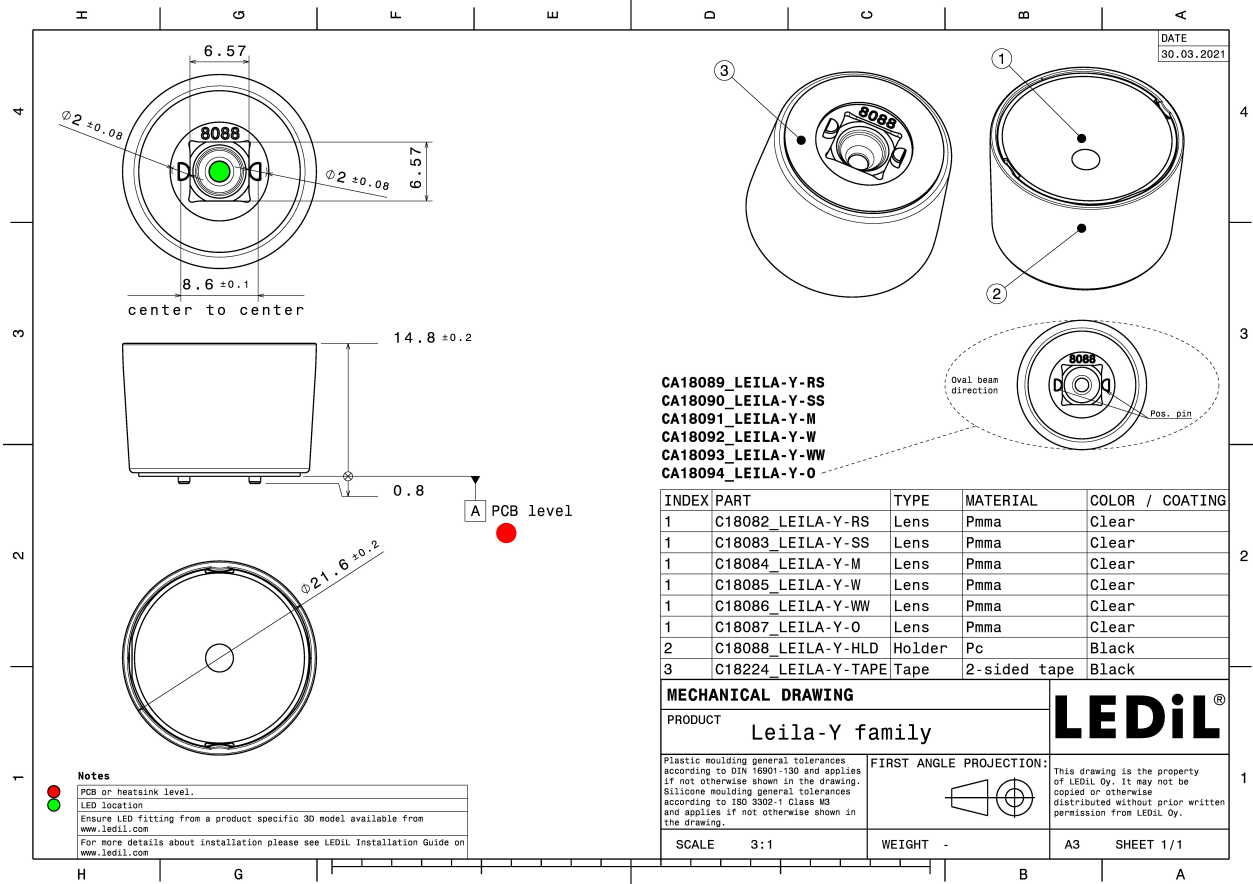
MATERIALS:

| Component | Type | Material | Colour | Finish |
|--------------|-------------|--------------|--------|--------|
| LEILA-Y-O | Single lens | PMMA | clear | gloss |
| LEILA-Y-HLD | Holder | PC | black | gloss |
| LEILA-Y-TAPE | Tape | Acrylic foam | | |

ORDERING INFORMATION:



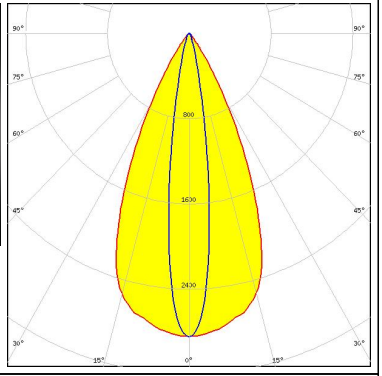

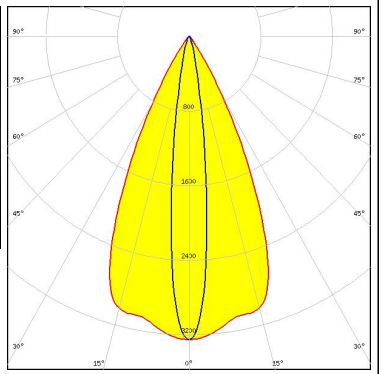
| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| CA18094_LEILA-Y-O » Box size: 476 x 273 x 197 mm | 1800 | 180 | 180 | 7.6 |





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

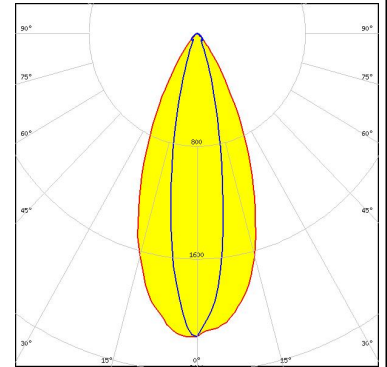
OPTICAL RESULTS (MEASURED):

| | | |
|--|---|--|
| <p>CREE  LED</p> <p>LED XHP35 HI FWHM / FWTM 49.0 + 16.0° / 70.0 + 31.0° Efficiency 80 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NVSW719AC FWHM / FWTM 50.0 + 14.0° / 68.0 + 28.0° Efficiency 81 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

OPTICAL RESULTS (SIMULATED):

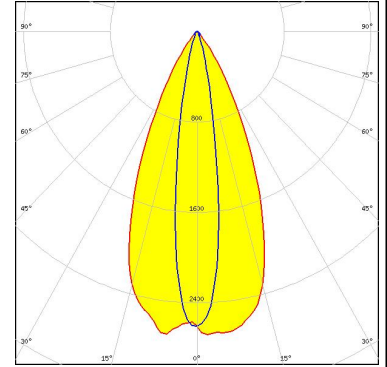
CREE LED

LED J Series 5050 Round LES
 FWHM / FWTM 20.0 + 44.0°
 Efficiency 78 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



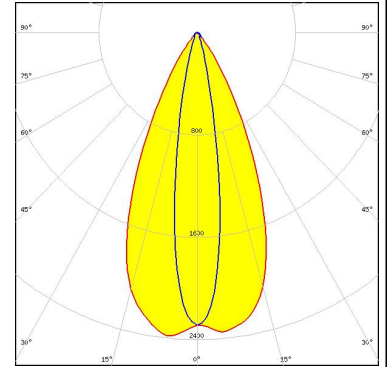
CREE LED

LED XM-L2
 FWHM / FWTM 17.0 + 47.0°
 Efficiency 81 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



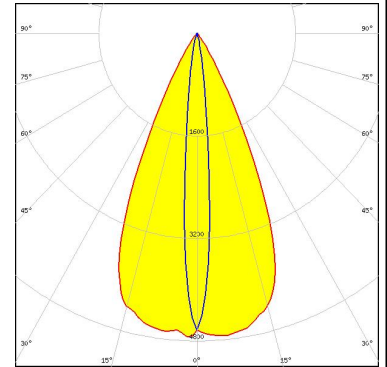
CREE LED

LED XM-L3
 FWHM / FWTM 17.0 + 48.0°
 Efficiency 76 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

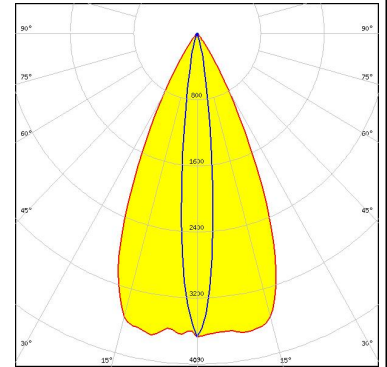
LED XP-E2
 FWHM / FWTM 10.0 + 49.0°
 Efficiency 85 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

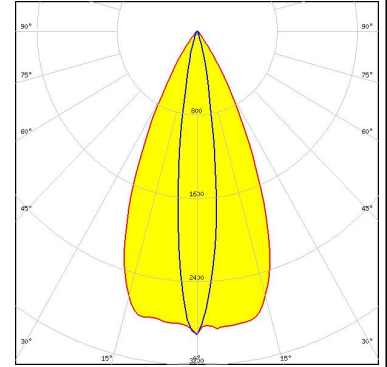
CREE LED

LED XP-G2
 FWHM / FWTM 13.0 + 49.0°
 Efficiency 84 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



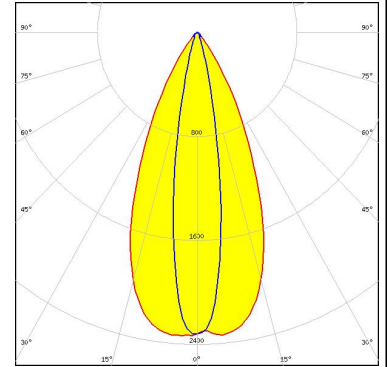
CREE LED

LED XP-G3
 FWHM / FWTM 15.0 + 48.0°
 Efficiency 80 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



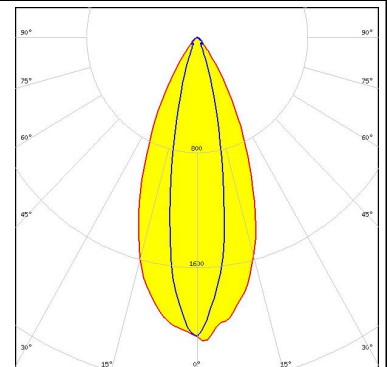
CREE LED

LED XP-L2
 FWHM / FWTM 18.0 + 47.0°
 Efficiency 77 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

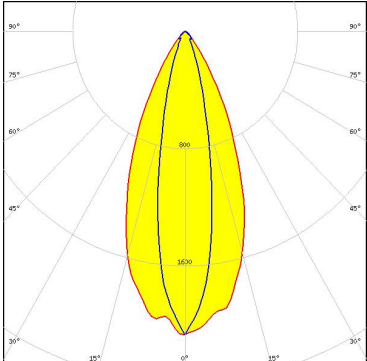
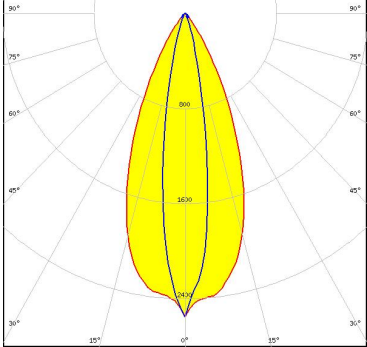
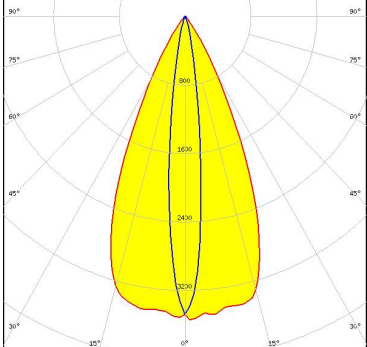
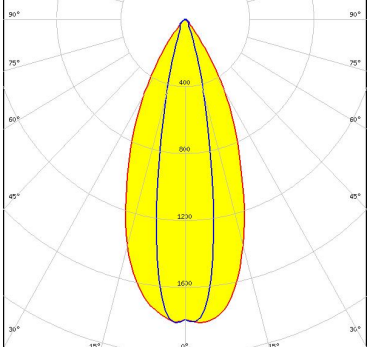
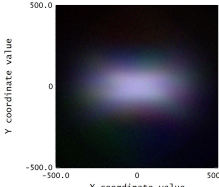


LUMILEDS

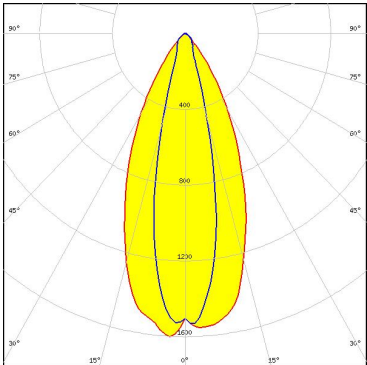
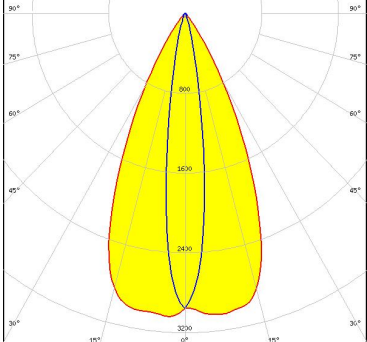
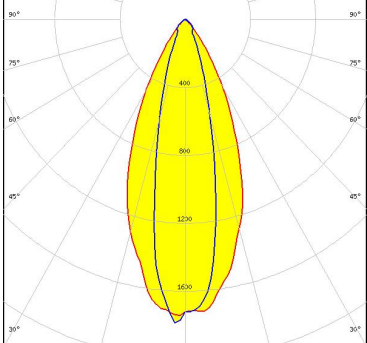
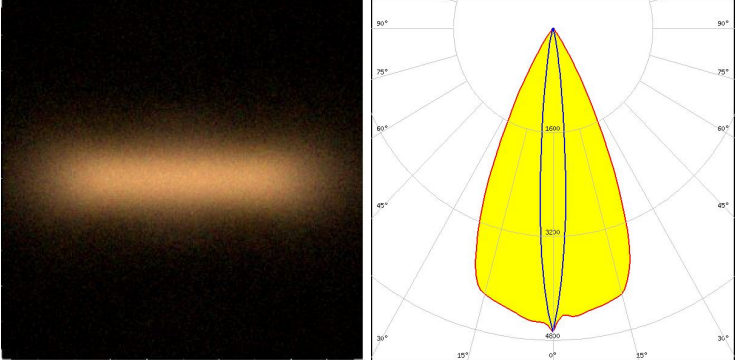
LED LUXEON 5050 Round LES
 FWHM / FWTM 21.0 + 44.0°
 Efficiency 78 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

| | |
|--|--|
| <p>LUMILEDS</p> <p>LED: LUXEON 5050 Square LES</p> <p>FWHM / FWTM: 21.0 + 44.0°</p> <p>Efficiency: 78 %</p> <p>Peak intensity: 2.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON MZ</p> <p>FWHM / FWTM: 17.0 + 43.0°</p> <p>Efficiency: 78 %</p> <p>Peak intensity: 2.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON TX</p> <p>FWHM / FWTM: 13.0 + 48.0°</p> <p>Efficiency: 82 %</p> <p>Peak intensity: 3.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |
| <p>NICHIA</p> <p>LED: NCSxE17A</p> <p>FWHM / FWTM: 45.0 + 21.0° / 74.0 + 40.0°</p> <p>Efficiency: 70 %</p> <p>Peak intensity: 1.8 cd/lm</p> <p>LEDs/each optic: 4</p> <p>Light colour: RGBW</p> <p>Required components:</p> |  <div data-bbox="758 1617 1109 1877" style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>Detector Image: Illuminance</p> <p>Zemax OpticStudio 21.1</p> </div> </div> |

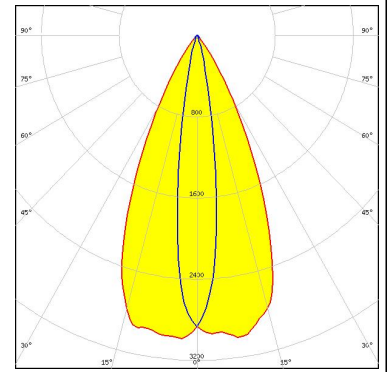
OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p>NICHIA</p> <p>LED: NV4x144A FWHM / FWTM: 46.0 + 24.0° / 78.0 + 42.0° Efficiency: 69 % Peak intensity: 1.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 15.0 + 50.0° Efficiency: 83 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Duris S8 FWHM / FWTM: 24.0 + 44.0° Efficiency: 77 % Peak intensity: 1.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSLON SSL 150 FWHM / FWTM: 10.0 + 49.0° Efficiency: 84 % Peak intensity: 4.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):

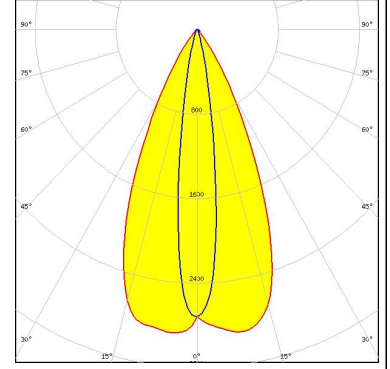
SAMSUNG

LED LH351B
FWHM / FWTM 15.0 + 49.0°
Efficiency 81 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
FWHM / FWTM 48.0 + 16.0° / 72.0 + 30.0°
Efficiency 81 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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