

G2-LAURA-SS-P

~11° smooth spot beam. Assembly with thinner white holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

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

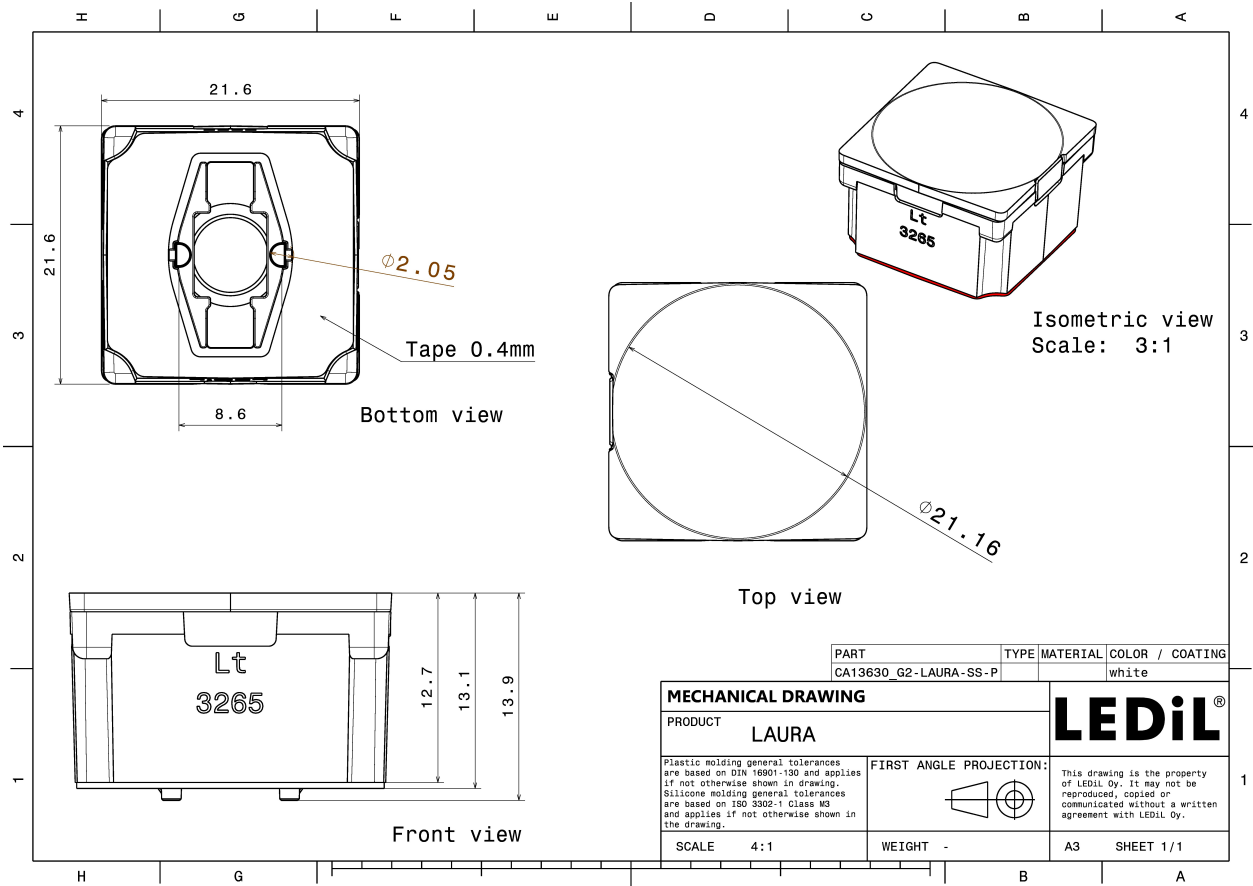
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|-------------------------|-------------|--------------|--------|--------|
| LAURA-SS | Single lens | PMMA | | |
| LAURA-LT-PIN-XP-HLD-WHT | Holder | PC | white | |
| ROSE-TAPE | Tape | Acrylic foam | black | |

ORDERING INFORMATION:

| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|-----------------------|-------------|------------|-----|-----|-----------------|
| CA13630_G2-LAURA-SS-P | Single lens | | 360 | 180 | 6.0 |
| » Box size: | | | | | |



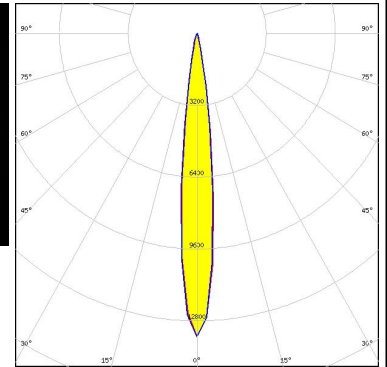
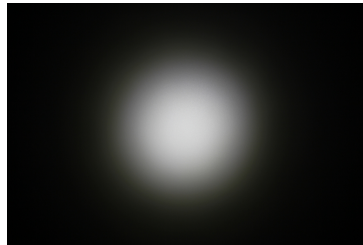


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

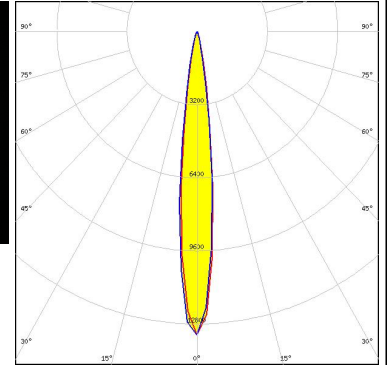
CREE → LED

LED XB-D White
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 88 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



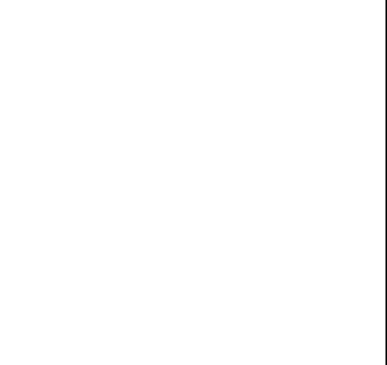
CREE → LED

LED XB-H
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 90 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



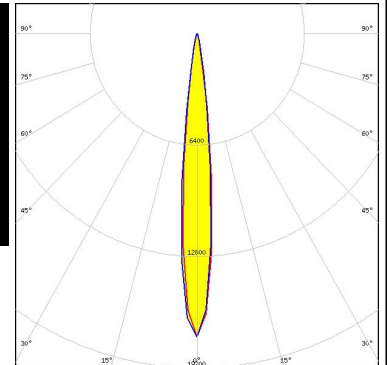
CREE → LED

LED XP-E
 FWHM / FWTM 11.0° / 19.0°
 Efficiency 93 %
 Peak intensity 16.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


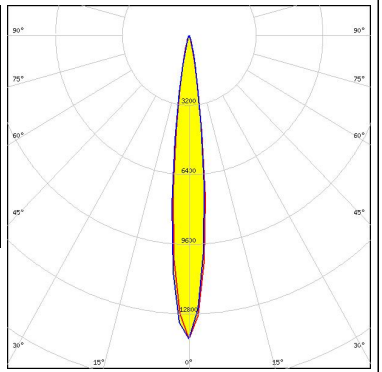
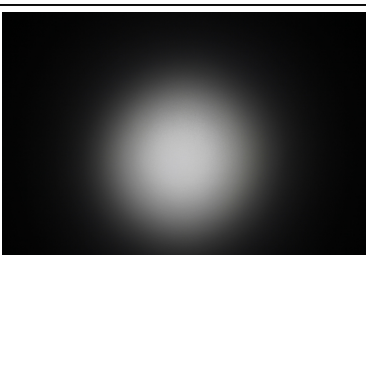
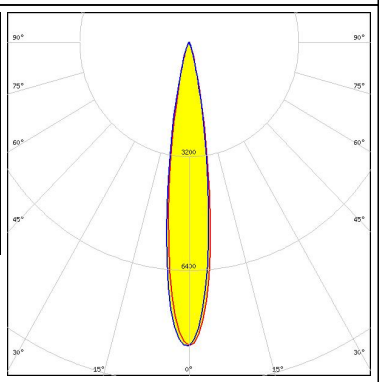

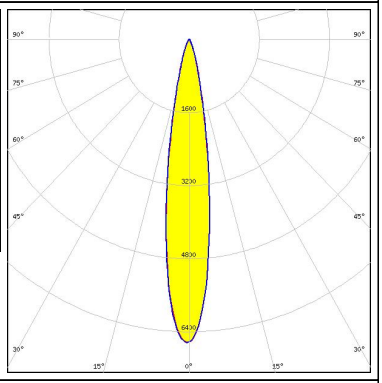

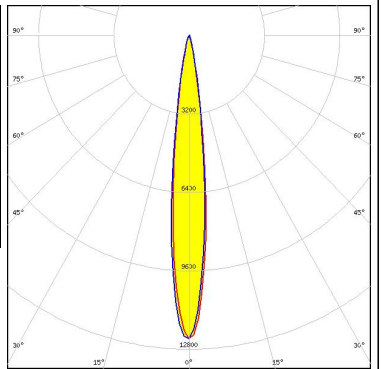


CREE → LED

LED XP-E2
 FWHM / FWTM 12.0° / 21.0°
 Efficiency 90 %
 Peak intensity 17.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



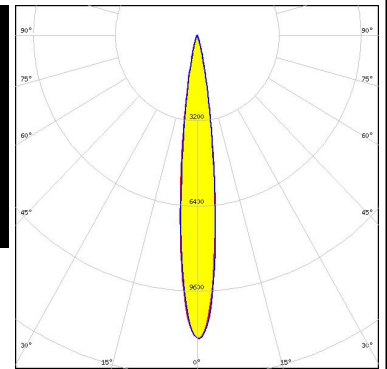
PHOTOMETRIC DATA (MEASURED):

| | | |
|---|--|---|
| <p>CREE → LED</p> <p>LED XP-G2 FWHM / FWTM 13.0° / 24.0° Efficiency 90 % Peak intensity 14 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE → LED</p> <p>LED XP-L HD FWHM / FWTM 16.0° / 30.0° Efficiency 89 % Peak intensity 8.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE → LED</p> <p>LED XP-L2 FWHM / FWTM 17.0° / 34.0° Efficiency 88 % Peak intensity 6.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE → LED</p> <p>LED XT-E FWHM / FWTM 13.0° / 25.0° Efficiency 90 % Peak intensity 12.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

PHOTOMETRIC DATA (MEASURED):

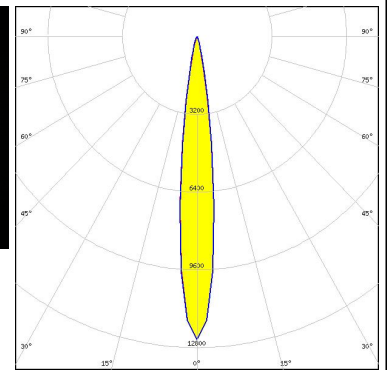
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 91 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



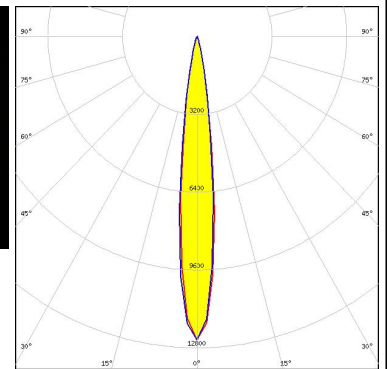
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 90 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



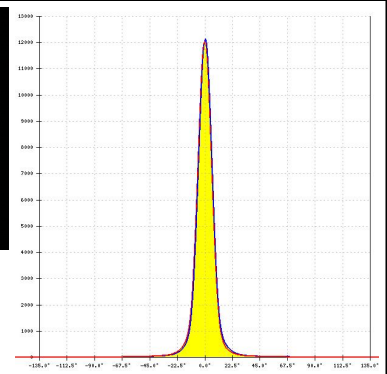
NICHIA

LED NCSxx19A
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 91 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


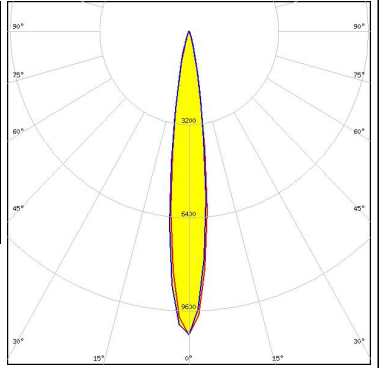



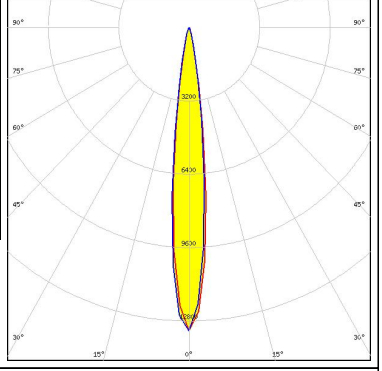

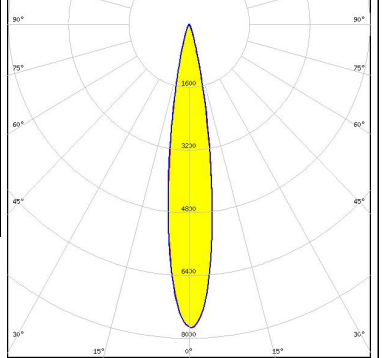


NICHIA



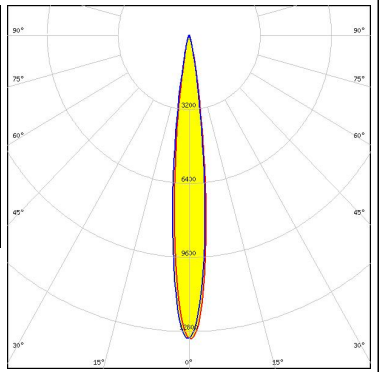


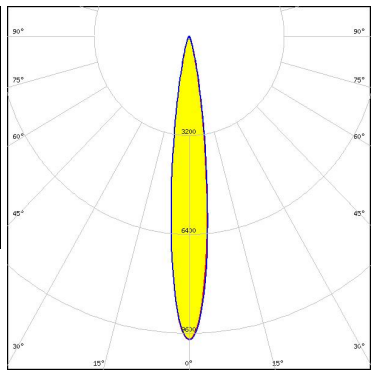
LED NVSW219D
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 94 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




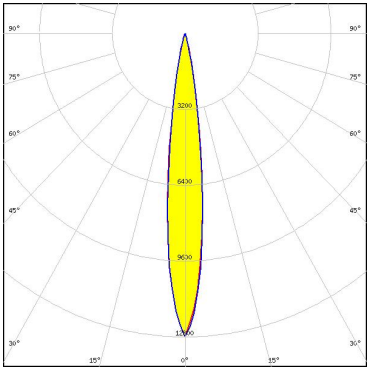

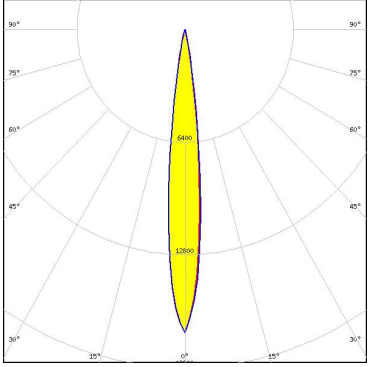

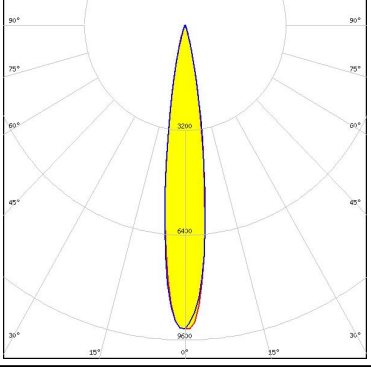

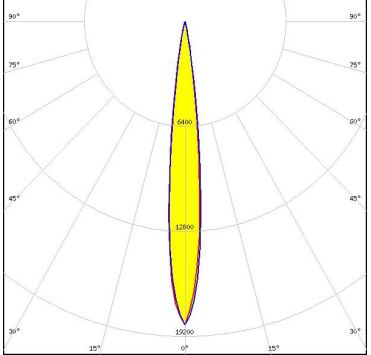
PHOTOMETRIC DATA (MEASURED):

| | | |
|--|--|---|
| <p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 15.0° / 28.0° Efficiency 88 % Peak intensity 10.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 14.0° / 27.0° Efficiency 89 % Peak intensity 11.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square EC FWHM / FWTM 13.0° / 25.0° Efficiency 90 % Peak intensity 13.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>SAMSUNG</p> <p>LED LH351D FWHM / FWTM 17.0° / 32.0° Efficiency 94 % Peak intensity 7.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

PHOTOMETRIC DATA (MEASURED):

| | | |
|--|---|--|
| <p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 12.0° / 24.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 13.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 14.0° / 28.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 9.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

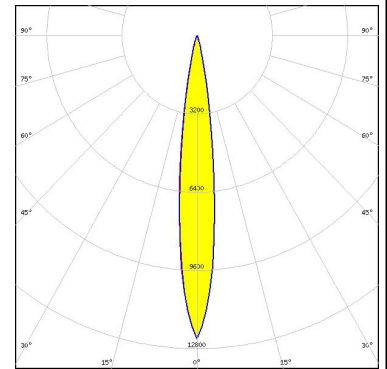
PHOTOMETRIC DATA (SIMULATED):

| | | |
|--|---|---|
|  | <p>LED XHP35 HI FWHM / FWTM 14.0° / 26.0° Efficiency 94 % Peak intensity 12.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
|  | <p>LED XP-E2 FWHM / FWTM 12.0° / 23.0° Efficiency 95 % Peak intensity 17.2 cd/lm LEDs/each optic 1 Light colour Amber Required components:</p> |  |
|  | <p>LED XP-G3 FWHM / FWTM 15.0° / 29.0° Efficiency 93 % Peak intensity 9.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
|  | <p>LED XQ-E HD FWHM / FWTM 12.0° / 21.6° Efficiency 94 % Peak intensity 18.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

PHOTOMETRIC DATA (SIMULATED):

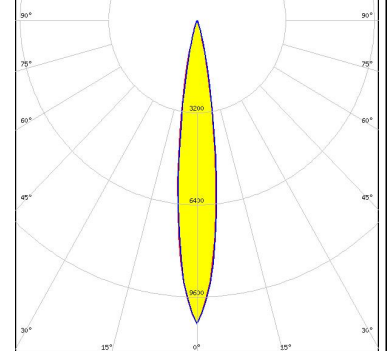
LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 94 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

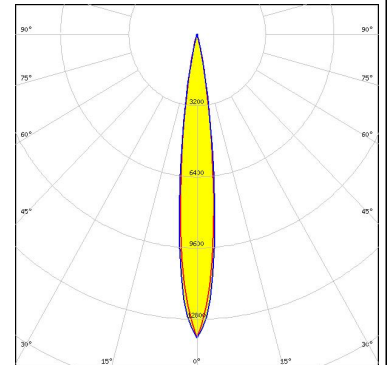
LED LUXEON HL2X-P
 FWHM / FWTM 15.0° / 28.0°
 Efficiency 94 %
 Peak intensity 10.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Osram Opto Semiconductors

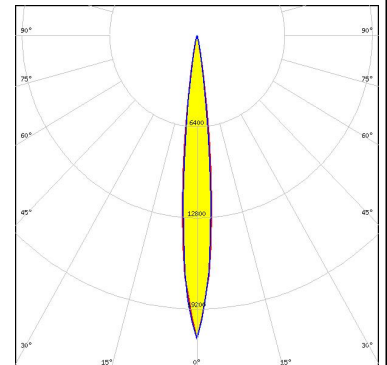
LED OSLOM Black
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 96 %
 Peak intensity 13.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



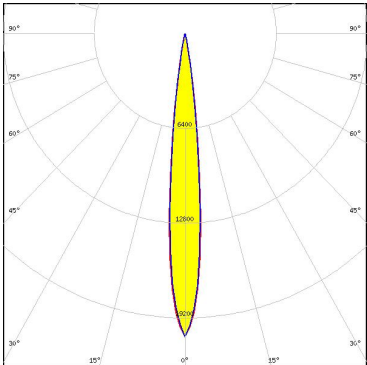
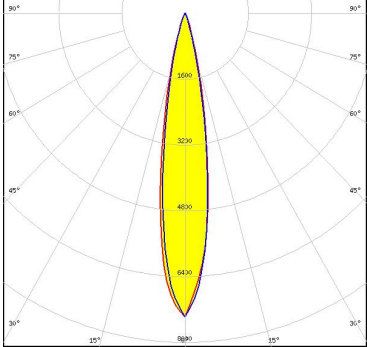
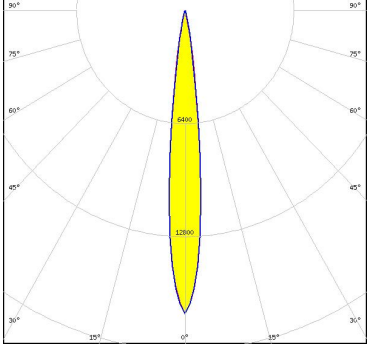
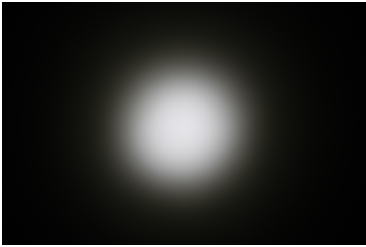
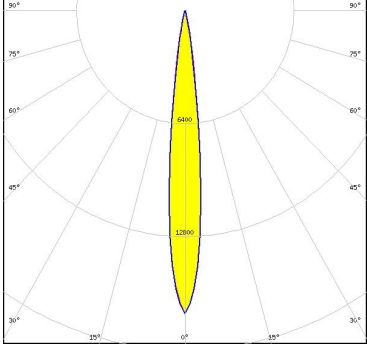
OSRAM

Osram Opto Semiconductors

LED OSLOM Black Flat
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 94 %
 Peak intensity 21.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

| | |
|---|--|
| <p>OSRAM Opto Semiconductors</p> <p>LED OSLON Signal</p> <p>FWHM / FWTM 12.0° / 20.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 20.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Red</p> <p>Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 18.0° / 35.0 + 33.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 7.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square Flat</p> <p>FWHM / FWTM 12.0° / 22.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 17.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |   |
| <p>OSRAM Opto Semiconductors</p> <p>LED SFH 4770S</p> <p>FWHM / FWTM 13.0° / 28.0°</p> <p>Efficiency 94 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |

PHOTOMETRIC DATA (SIMULATED):



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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Shipping locations

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Hong Kong, China

Distribution Partners

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