

EMILY-WWW

~60° wide beam. 13.43 mm high lens.

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 26.0 mm |
| Height | 13.4 mm |
| Fastening | tape, pin |
| ROHS compliant | yes ⓘ |

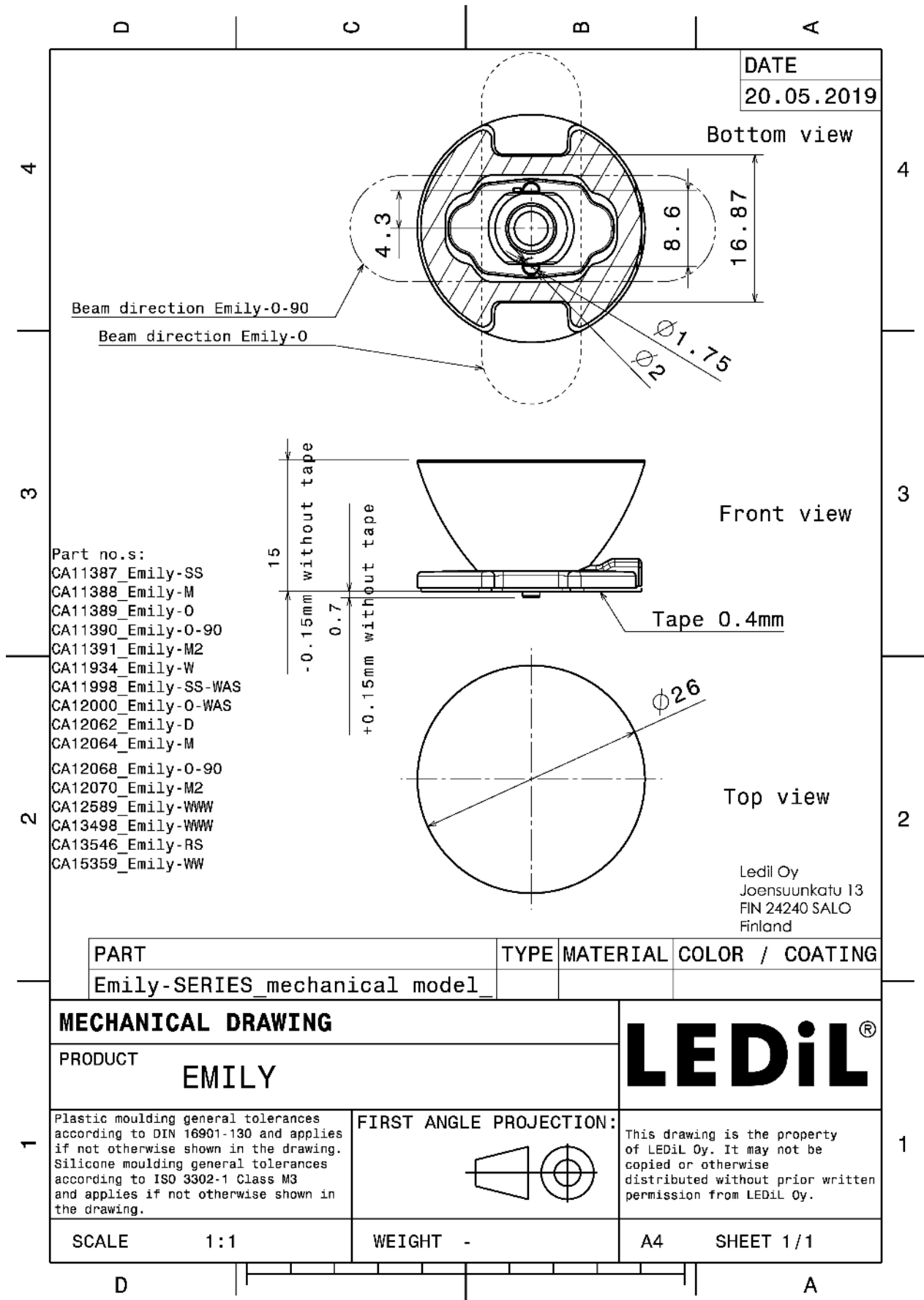
MATERIALS:

| Component | Type | Material | Colour | Finish |
|--------------|-------------|--------------|--------|--------|
| EMILY-WWW | Single lens | PMMA | clear | |
| SPUTNIK-TAPE | Tape | Acrylic foam | black | |

ORDERING INFORMATION:

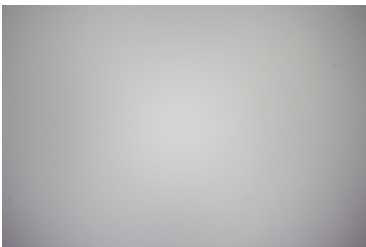
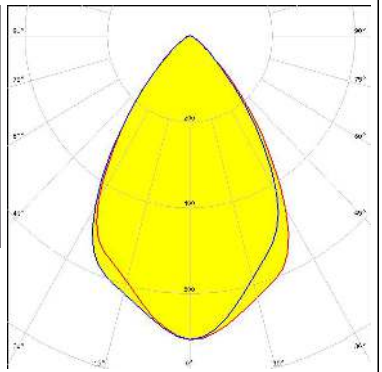
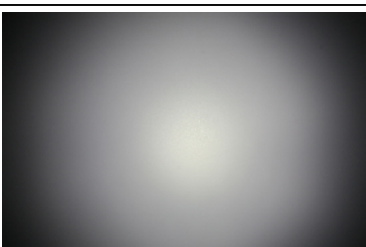
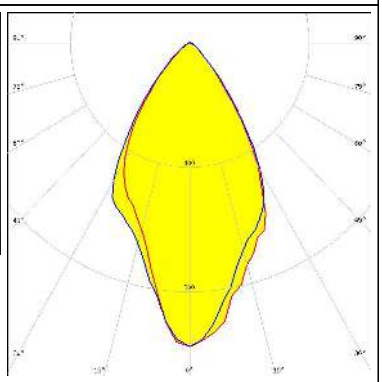
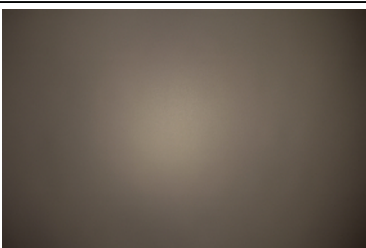
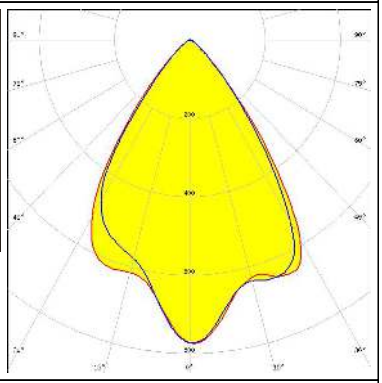
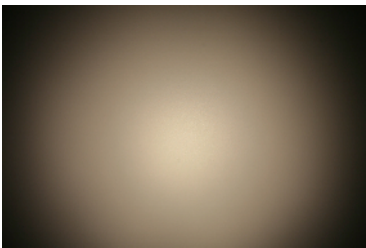
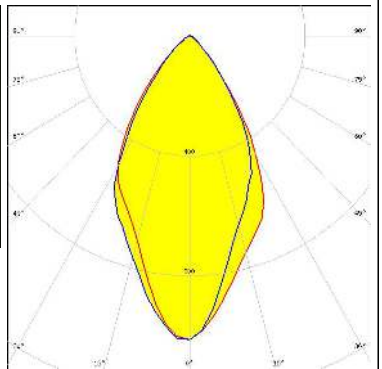
| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA12589_EMILY-WWW | Single lens | 1690 | 260 | 130 | 11.2 |
| » Box size: 480 x 280 x 300 mm | | | | | |





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

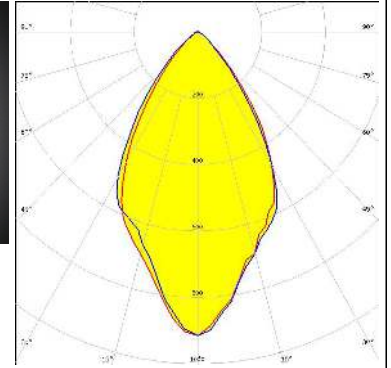
OPTICAL RESULTS (MEASURED):

| | | |
|---|--|---|
| <p>CREE ⇄ LED</p> <p>LED XHP35 HD FWHM / FWTM 70.0° / 101.0° Efficiency 82 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE ⇄ LED</p> <p>LED XP-E FWHM / FWTM 58.0° / 89.0° Efficiency 86 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE ⇄ LED</p> <p>LED XP-E2 FWHM / FWTM 69.0° / 94.0° Efficiency 86 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE ⇄ LED</p> <p>LED XP-G FWHM / FWTM 57.0° / 88.0° Efficiency 86 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

OPTICAL RESULTS (MEASURED):

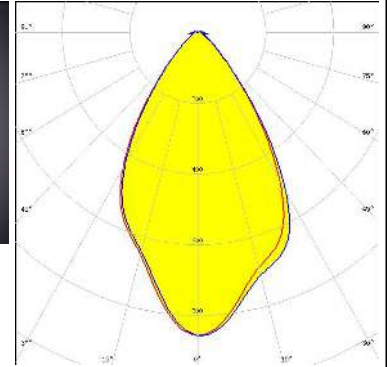
CREE LED

LED XP-G2
 FWHM / FWTM 61.0° / 95.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



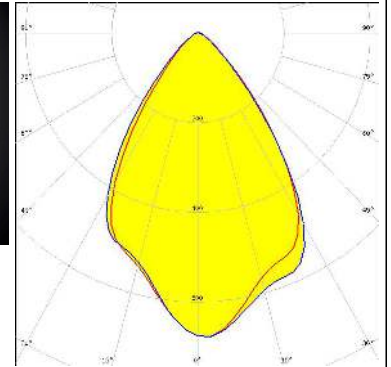
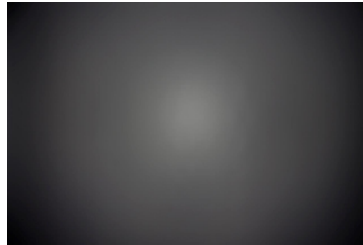
CREE LED

LED XP-G3
 FWHM / FWTM 63.0° / 96.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



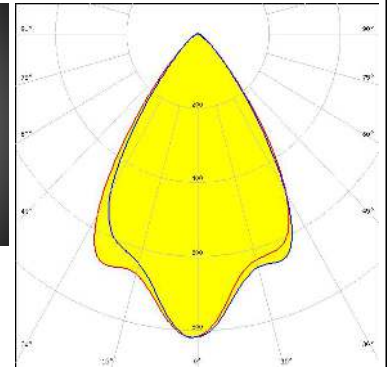
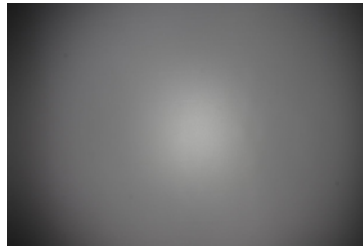
CREE LED

LED XP-L HD
 FWHM / FWTM 69.0° / 100.0°
 Efficiency 82 %
 Peak intensity 0.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

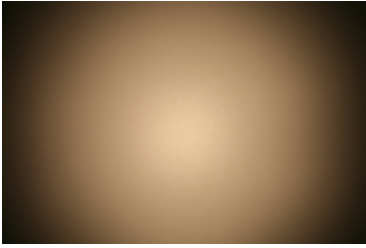
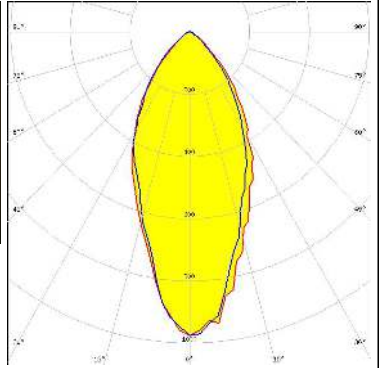

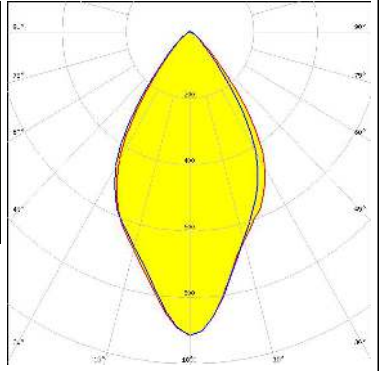
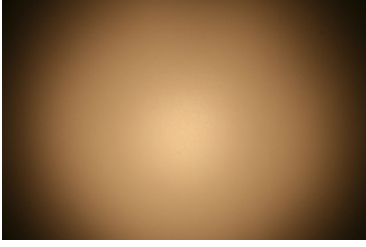
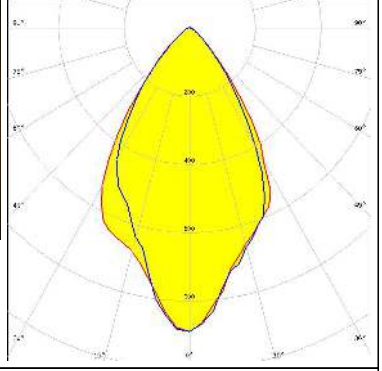
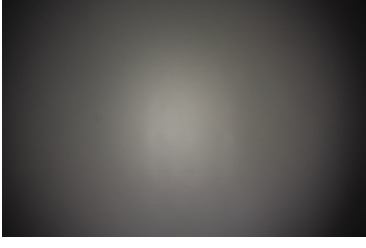
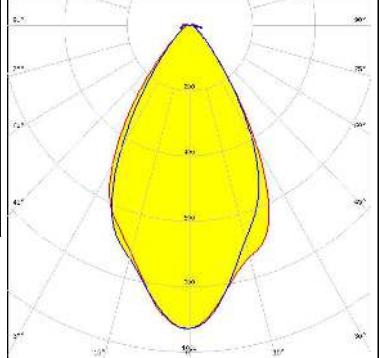


CREE LED

LED XP-L HI
 FWHM / FWTM 66.0° / 93.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



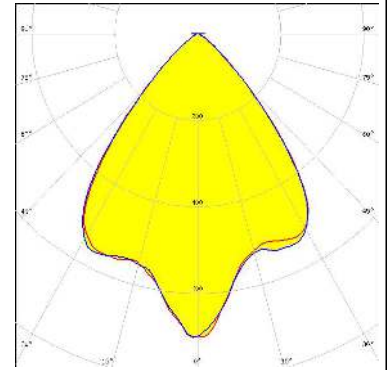
OPTICAL RESULTS (MEASURED):

| | | |
|--|--|---|
| <p>LUMILEDS</p> <p>LED LUXEON A</p> <p>FWHM / FWTM 57.0° / 92.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NCSxx19B</p> <p>FWHM / FWTM 60.0° / 91.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square EC</p> <p>FWHM / FWTM 61.0° / 92.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>SECO SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 60.0° / 92.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

OPTICAL RESULTS (SIMULATED):

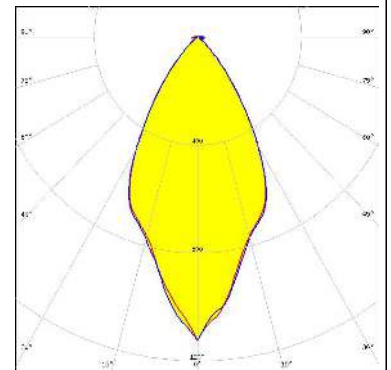
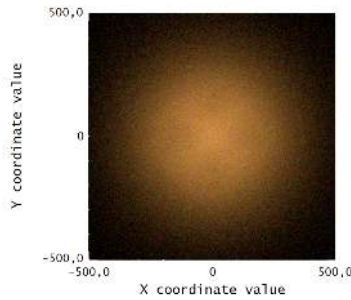
CREE LED

LED XP-G2 HE
 FWHM / FWTM 78.0° / 102.0°
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



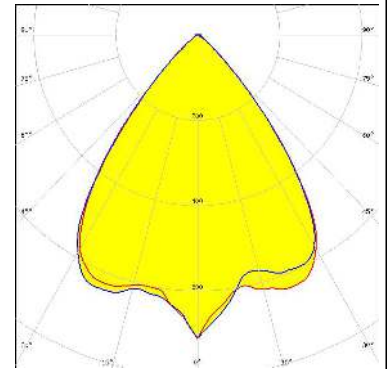
NICHIA

LED NCSxE17A
 FWHM / FWTM 54.0° / 86.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



NICHIA

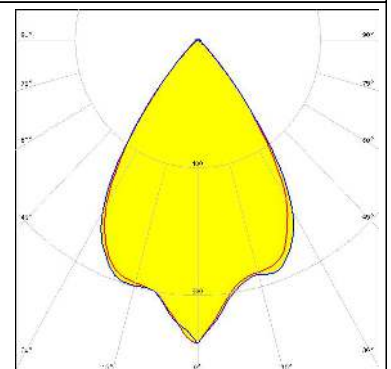
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 76.0° / 98.0°
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



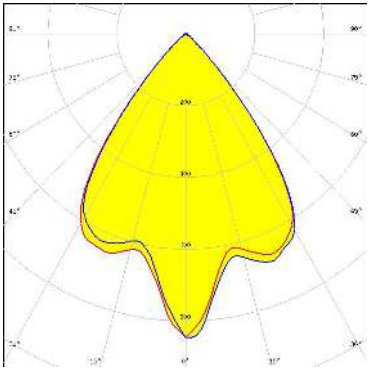
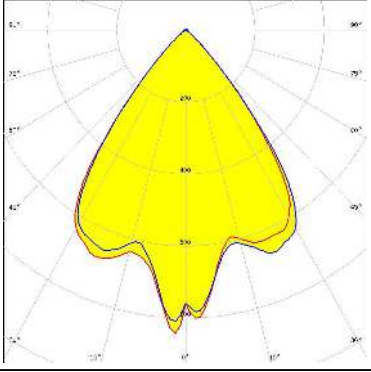
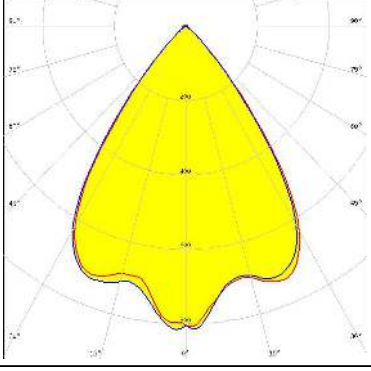
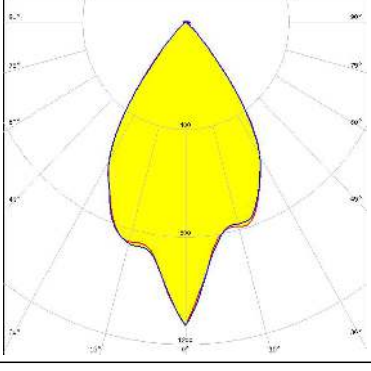
OSRAM

Opto Semiconductors

LED OSCONIQ P 3030
 FWHM / FWTM 67.0° / 88.0°
 Efficiency 97 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

| | | |
|--|---|---|
| OSRAM <small>Opto Semiconductors</small> | <p>LED OSLOM SSL 150</p> <p>FWHM / FWTM 74.0° / 92.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| OSRAM <small>Opto Semiconductors</small> | <p>LED OSLOM SSL 150</p> <p>FWHM / FWTM 74.0° / 92.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| OSRAM <small>Opto Semiconductors</small> | <p>LED OSLOM SSL 80</p> <p>FWHM / FWTM 72.0° / 91.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| OSRAM <small>Opto Semiconductors</small> | <p>LED SFH 4716AS</p> <p>FWHM / FWTM 62.0° / 84.0°</p> <p>Efficiency 96 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p> |  |

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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