

STRADELLA-IP-28-HB-M

~65° medium beam. Variant made from PMMA.

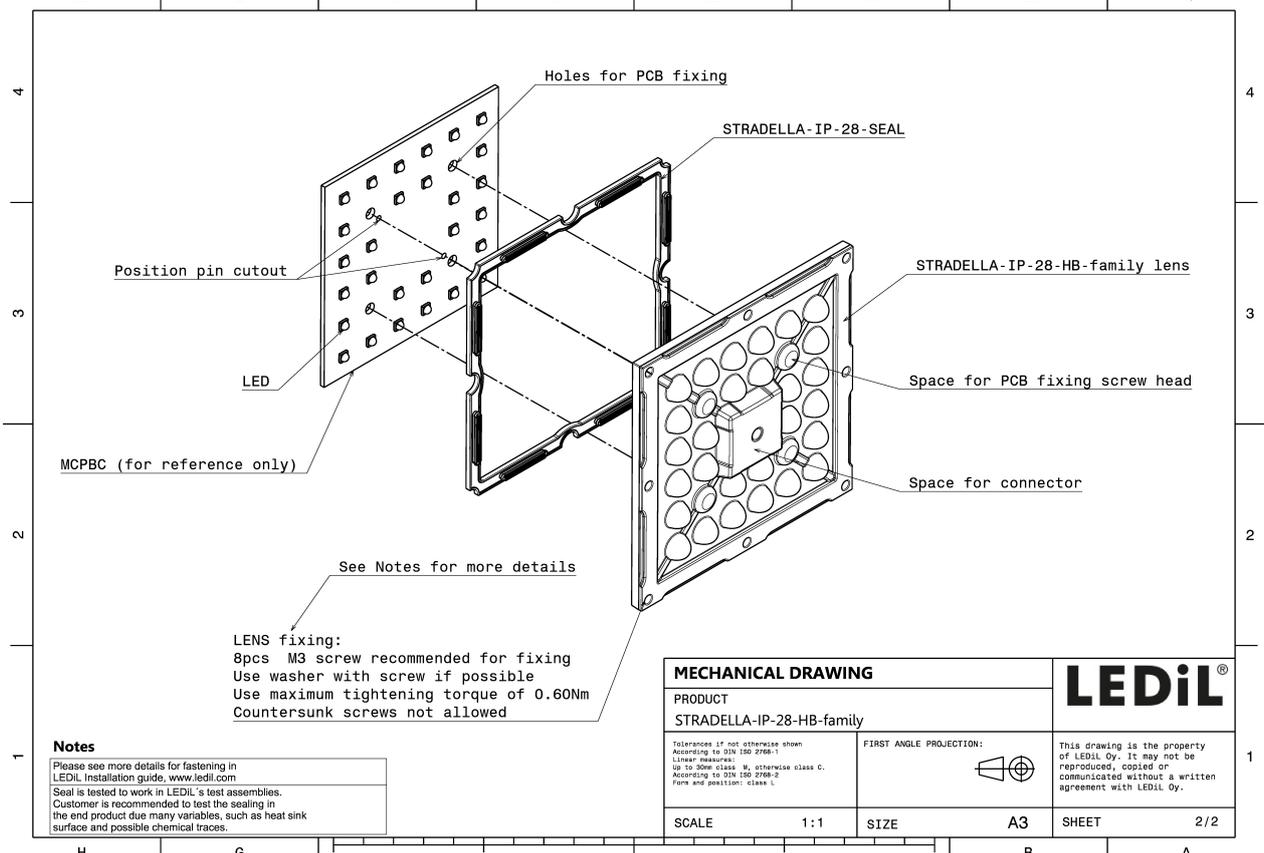
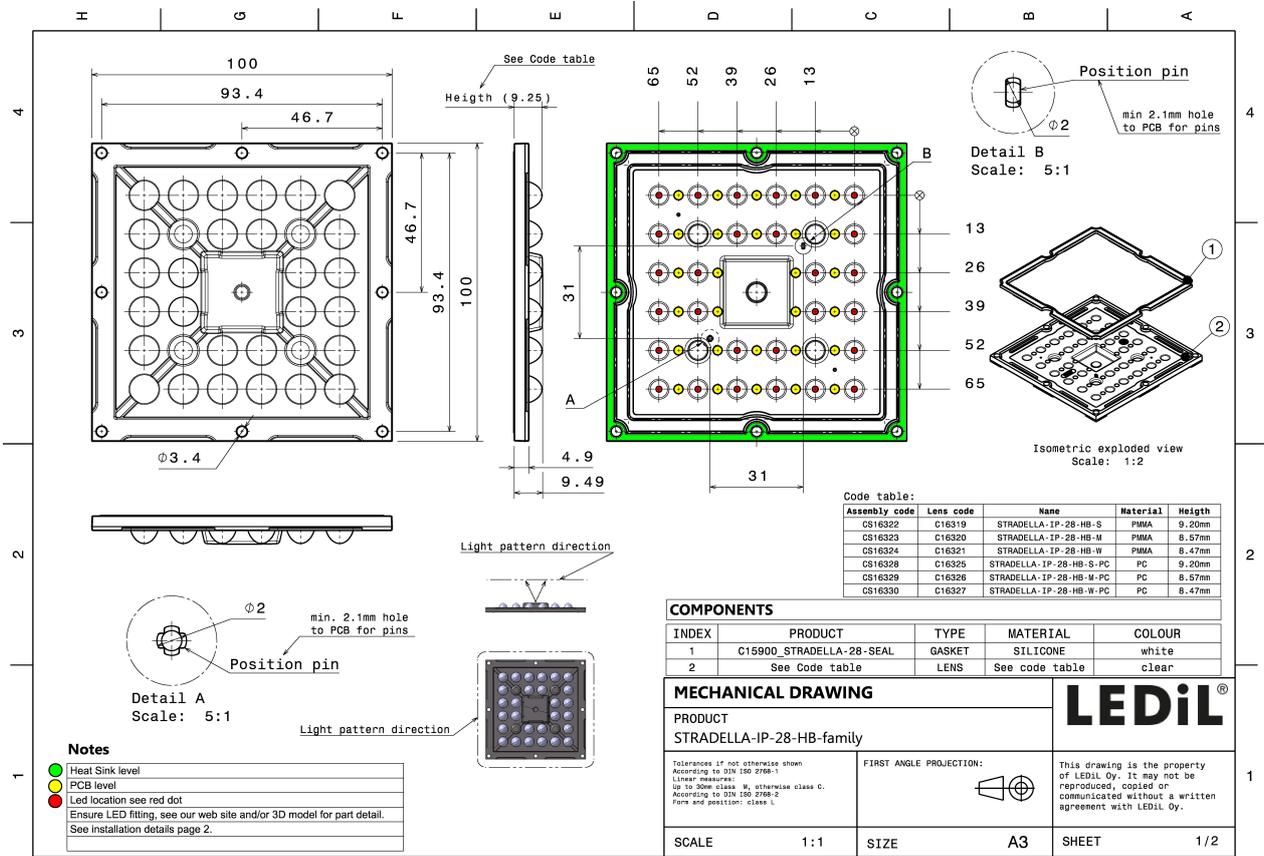
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | 100.0 mm |
| Height | 9.5 mm |
| Fastening | pin, screw |
| Colour | clear |
| Box size | 476 x 273 x 247 mm |
| Box weight | 5.8 kg |
| Quantity in Box | 156 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

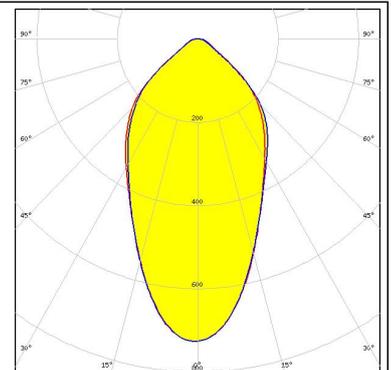
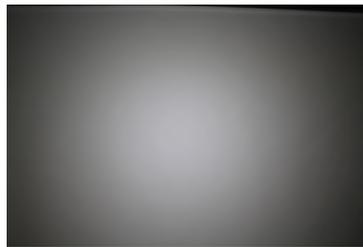
| Component | Type | Material | Colour |
|----------------------|------------|----------|--------|
| STRADELLA-IP-28-HB-M | Multi-lens | PMMA | clear |
| STRADELLA-28-SEAL | Seal | Silicone | white |



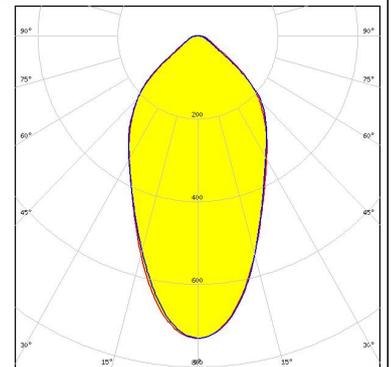
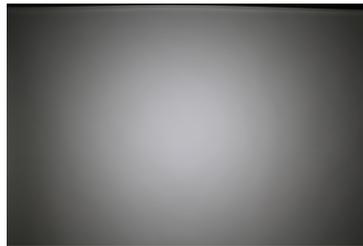
PHOTOMETRIC DATA (MEASURED):



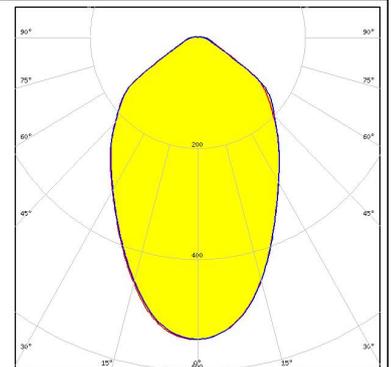
LED HiQLED STR28 CR JE2835 4x7 xxx
 FWHM 56.0°
 Efficiency 92 %
 Peak intensity 0.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



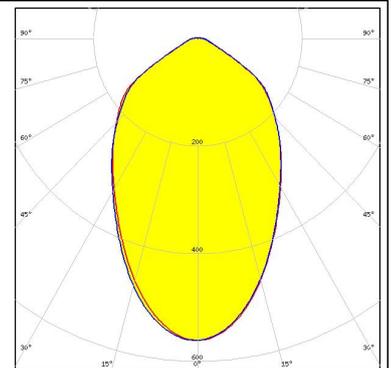
LED HiQLED STR28 CR JÐš3030 4x7 xxx
 FWHM 55.0°
 Efficiency 92 %
 Peak intensity 0.730 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED QUICK FLUX STR28 XD2x14 xxx G8
 FWHM 71.0°
 Efficiency 92 %
 Peak intensity 0.540 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



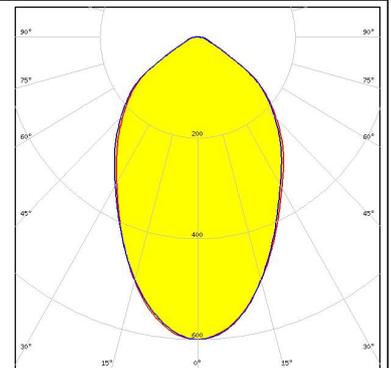
LED QUICK FLUX STR28 XP2x14 xxx G7
 FWHM 71.0°
 Efficiency 94 %
 Peak intensity 0.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



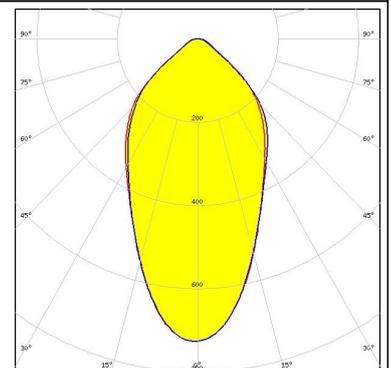
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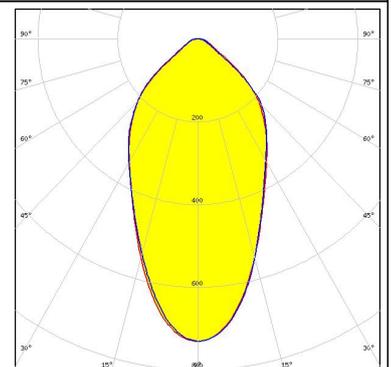
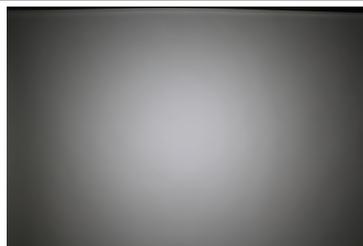
LED QUICK FLUX STR28 XT2x14 xxx G5
FWHM 70.0°
Efficiency 94 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



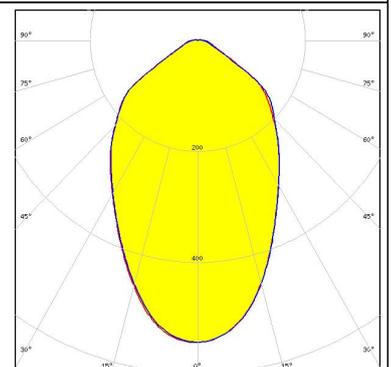
LED J Series 2835
FWHM 56.0°
Efficiency 92 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED J Series 3030
FWHM 55.0°
Efficiency 92 %
Peak intensity 0.730 cd/lm
LEDs/each optic 1
Light colour White
Required components:



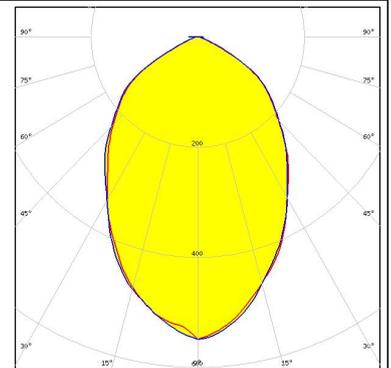
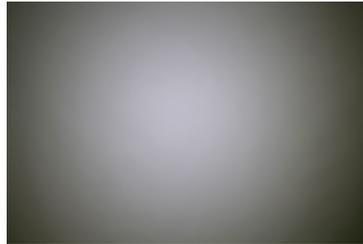
LED XD16
FWHM 71.0°
Efficiency 92 %
Peak intensity 0.540 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

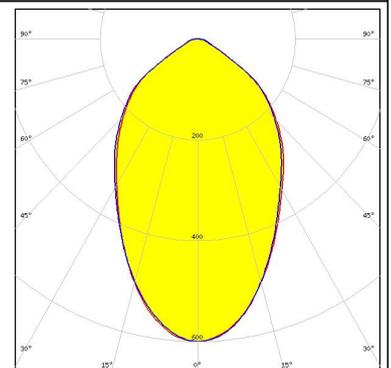
CREE

LED XP-G3
FWHM 71.0°
Efficiency 94 %
Peak intensity 0.560 cd/lm
LEDs/each optic 1
Light colour White
Required components:



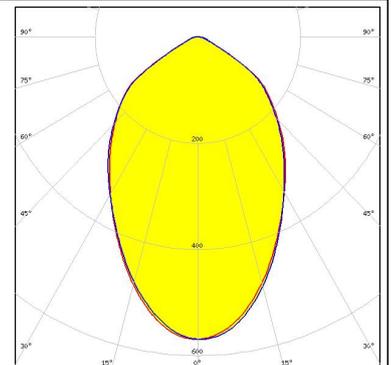
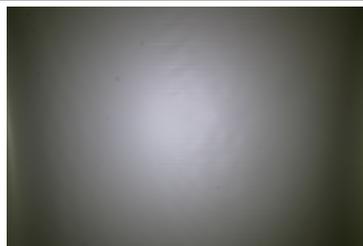
CREE

LED XT-E
FWHM 70.0°
Efficiency 94 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



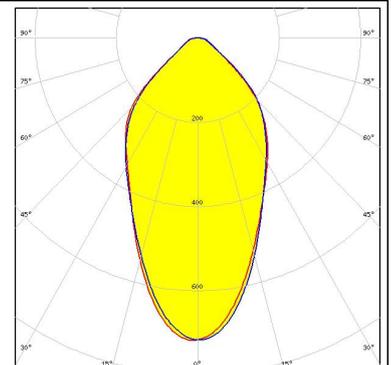
NICHIA

LED NVSW319B
FWHM 74.0°
Efficiency 94 %
Peak intensity 0.570 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

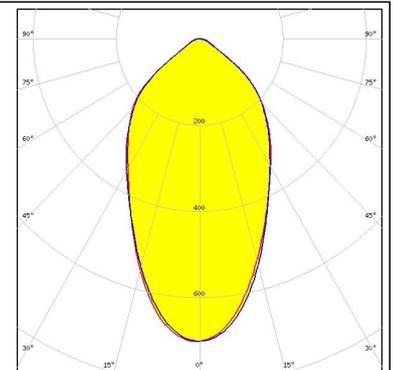
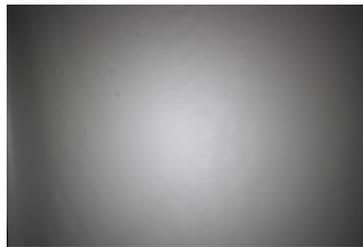
LED HiLOM SC28 (LH181B)
FWHM 57.0°
Efficiency 91 %
Peak intensity 0.720 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

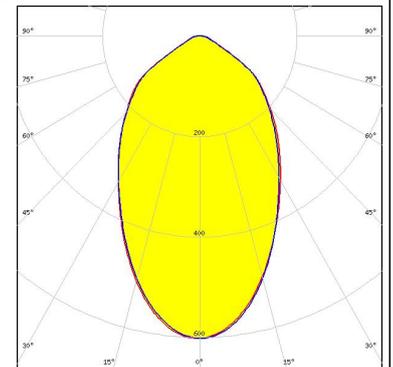
SAMSUNG

LED HiLOM SM28 (LM301B)
FWHM 58.0°
Efficiency 93 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

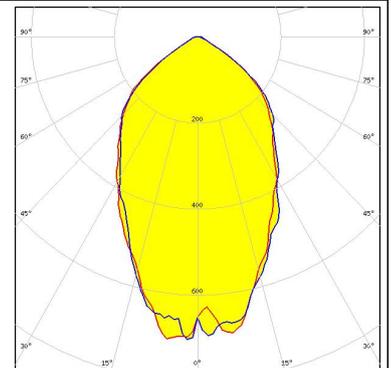
LED Z5M3
FWHM 67.0°
Efficiency 94 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

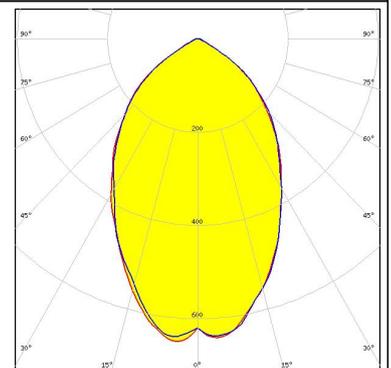
LUMILEDS

LED LUXEON 3030 2D (Round LES)
FWHM 58.0°
Efficiency 92 %
Peak intensity 0.760 cd/lm
LEDs/each optic 1
Light colour White
Required components:



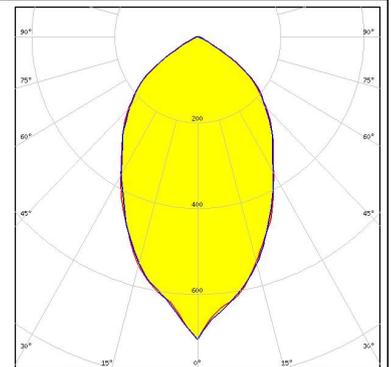
LUMILEDS

LED LUXEON 5050
FWHM 69.0°
Efficiency 94 %
Peak intensity 0.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:



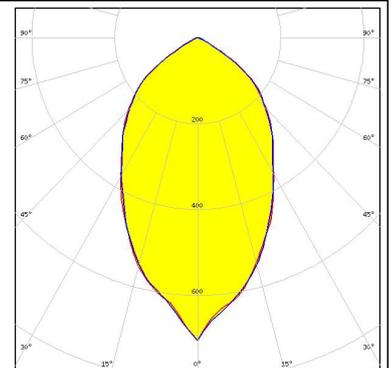
NICHIA

LED NF2x757G
FWHM 63.0°
Efficiency 94 %
Peak intensity 0.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

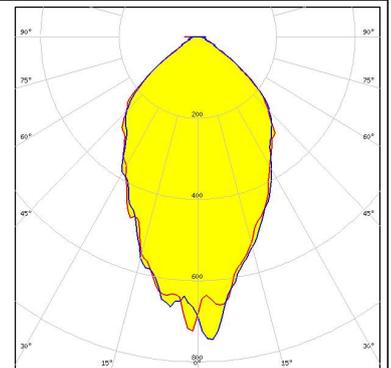
LED NF2x757G
FWHM 63.0°
Efficiency 94 %
Peak intensity 0.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:



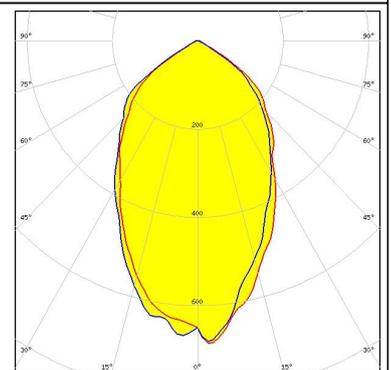
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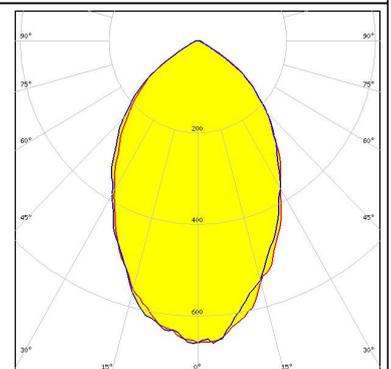
LED NVSxE21A
FWHM 58.0°
Efficiency 92 %
Peak intensity 0.736 cd/lm
LEDs/each optic 1
Light colour White
Required components:



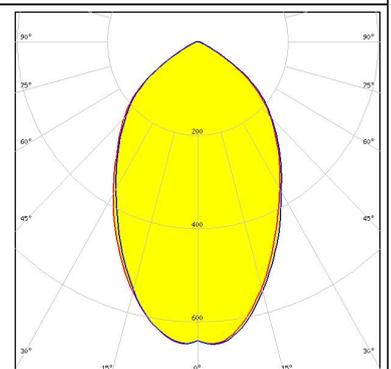
LED Duris S5 (2 chip)
FWHM 64.0°
Efficiency 94 %
Peak intensity 0.960 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S8
FWHM 67.0°
Efficiency 94 %
Peak intensity 0.690 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 (2W version)
FWHM 68.0°
Efficiency 94 %
Peak intensity 0.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:

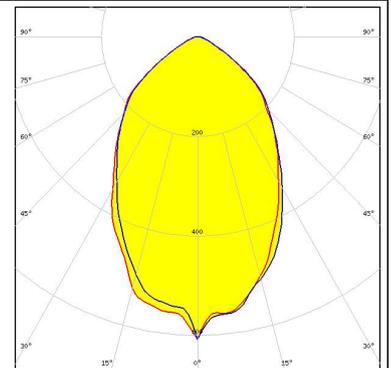


PHOTOMETRIC DATA (SIMULATED):

OSRAM

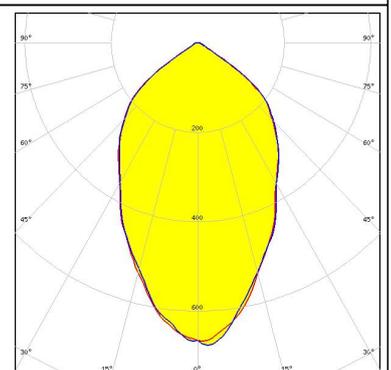
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM 68.0°
Efficiency 93 %
Peak intensity 0.610 cd/lm
LEDs/each optic 1
Light colour White
Required components:



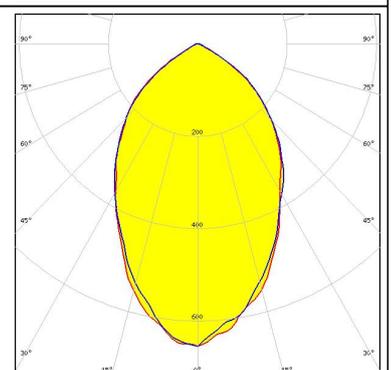
SAMSUNG

LED LH181B
FWHM 65.0°
Efficiency 94 %
Peak intensity 0.680 cd/lm
LEDs/each optic 1
Light colour White
Required components:



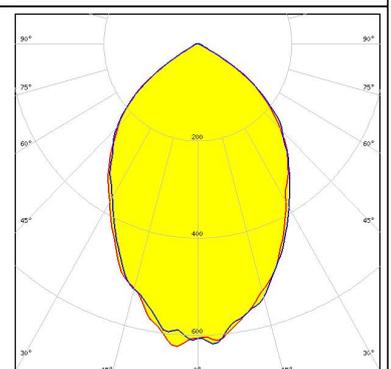
SAMSUNG

LED LH351B
FWHM 71.0°
Efficiency 94 %
Peak intensity 0.720 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

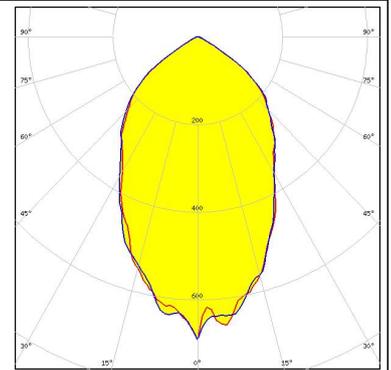
LED LH351C
FWHM 75.0°
Efficiency 94 %
Peak intensity 0.683 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

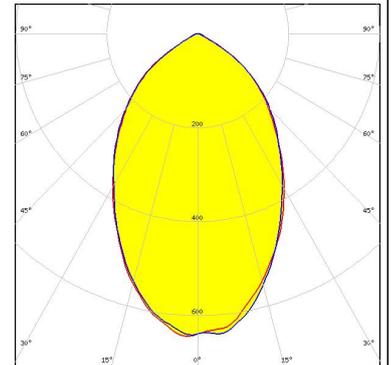
SAMSUNG

LED LM301B
 FWHM 63.0°
 Efficiency 94 %
 Peak intensity 0.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



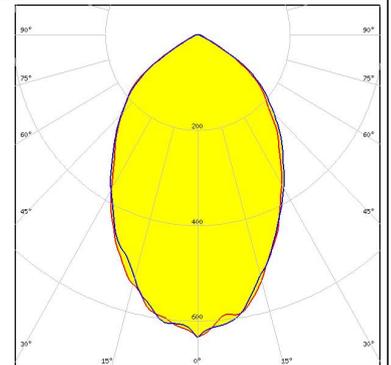
SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V
 FWHM 69.0°
 Efficiency 94 %
 Peak intensity 0.650 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



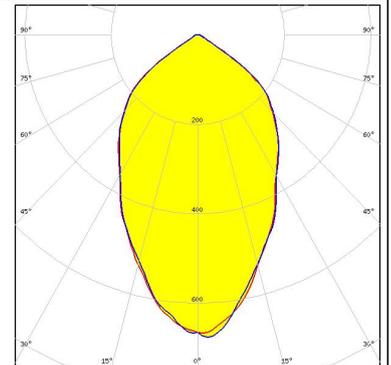
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM 70.0°
 Efficiency 94 %
 Peak intensity 0.640 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

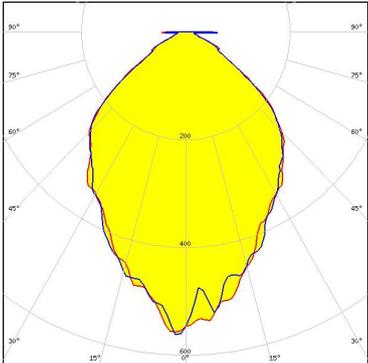
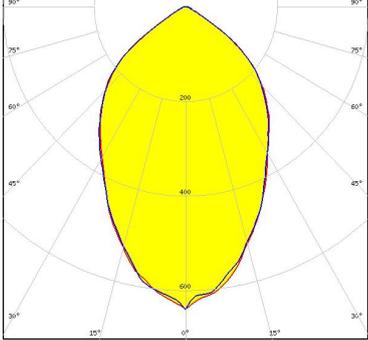


SEOUL SEMICONDUCTOR

LED Z8Y19
 FWHM 65.0°
 Efficiency 94 %
 Peak intensity 0.680 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

| | |
|---|--|
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22 FWHM 76.0° Efficiency 92 % Peak intensity 0.586 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22T FWHM 69.0° Efficiency 94 % Peak intensity 0.640 cd/lm LEDs/each optic 1 Light colour White 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:

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.

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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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Hong Kong, China

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