


VERONICA-SQ-MINI-RS

~17° spot beam

TECHNICAL SPECIFICATIONS:

| | |
|----------------|---|
| Dimensions | 13.9 mm |
| Height | 8.9 mm |
| Fastening | tape, pin |
| ROHS compliant | yes  |

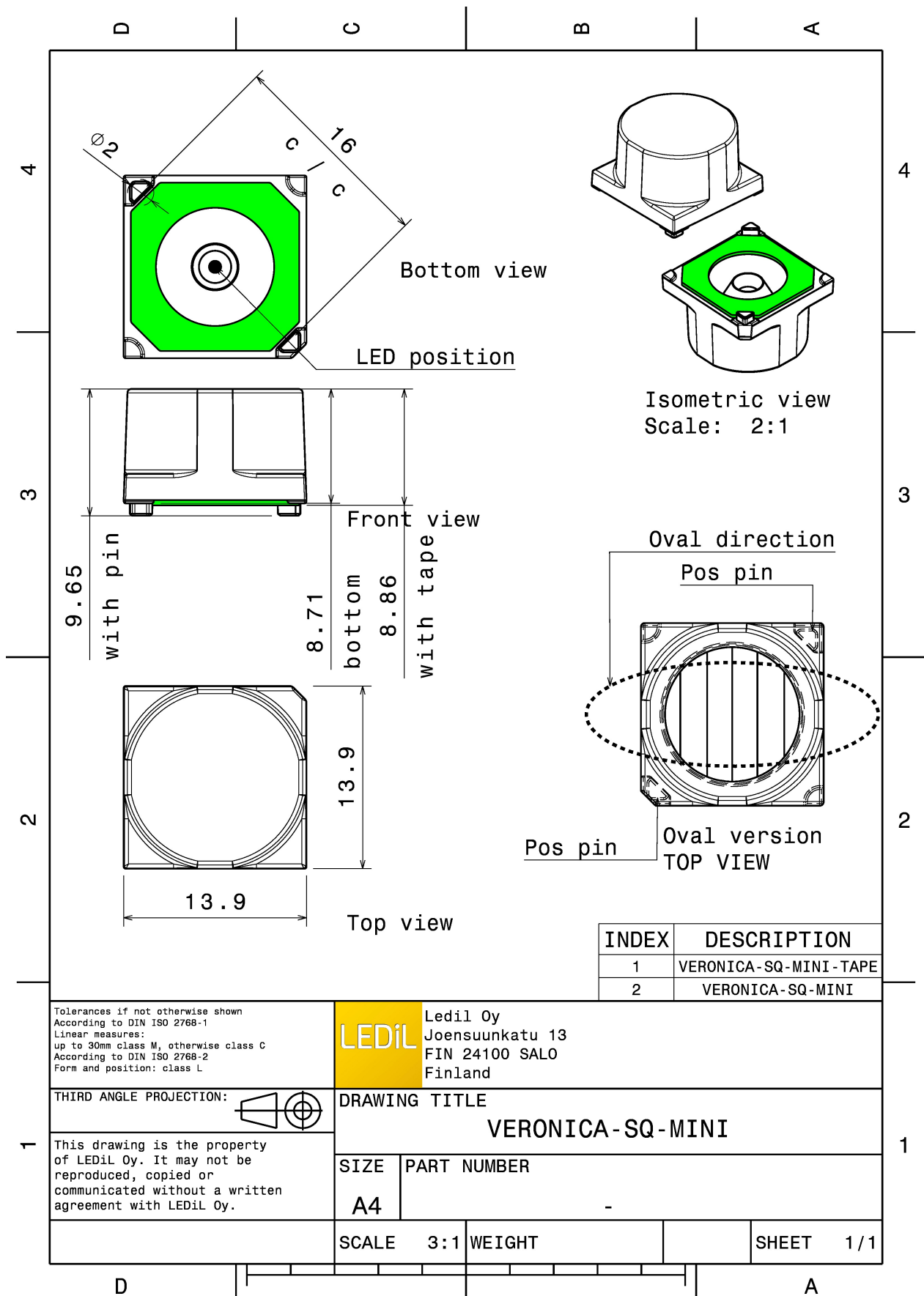
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|-----------------------|-------------|--------------|--------|--------|
| VERONICA-SQ-MINI-RS | Single lens | PMMA | clear | |
| VERONICA-SQ-MINI-TAPE | Tape | Acrylic foam | clear | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA14601_VERONICA-SQ-MINI-RS | Single lens | 5544 | 252 | 252 | 7.9 |
| » Box size: 480 x 280 x 300 mm | | | | | |

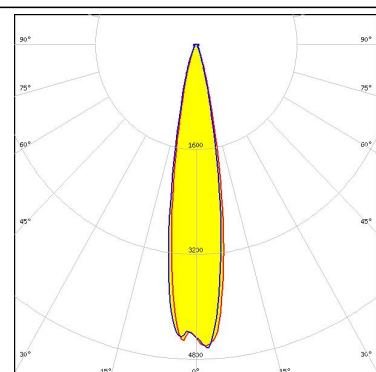
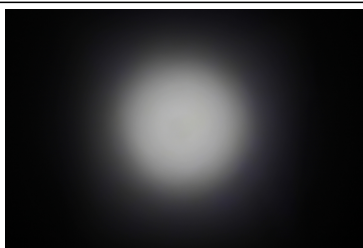




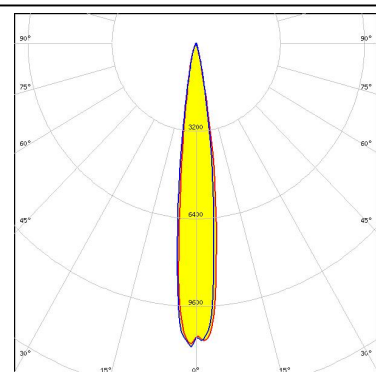
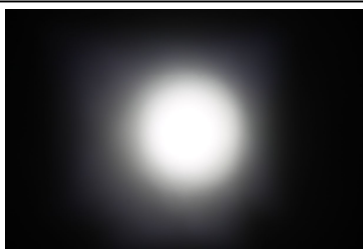
PHOTOMETRIC DATA (MEASURED):



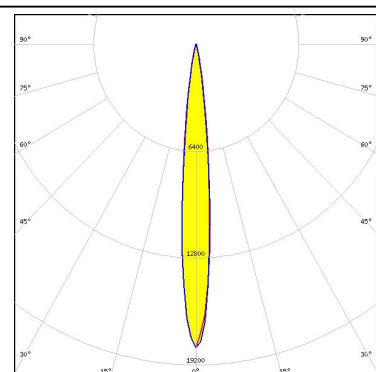
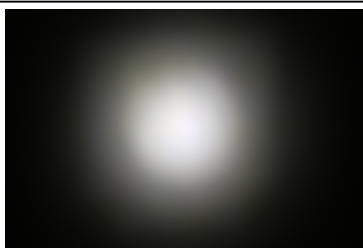
LED XD16
FWHM 19.0°
Efficiency 92 %
Peak intensity 4.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



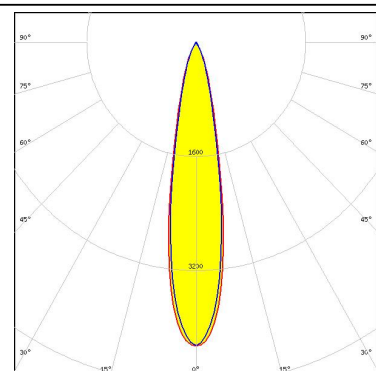
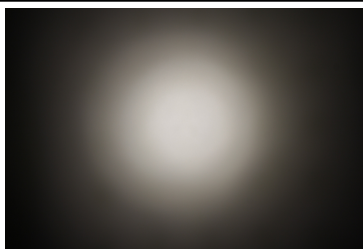
LED XP-E2
FWHM 14.0°
Efficiency 92 %
Peak intensity 11 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM 9.4°
Efficiency 90 %
Peak intensity 14.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



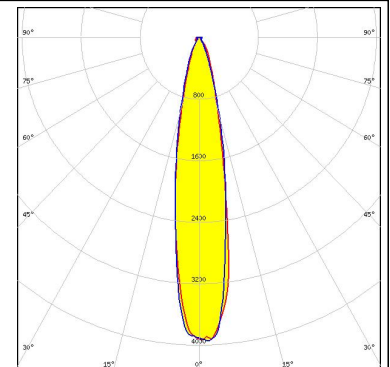
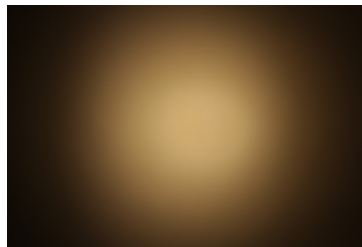
LED LUXEON Rebel ES
FWHM 21.0°
Efficiency 83 %
Peak intensity 4.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



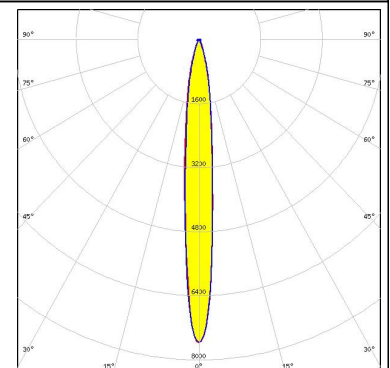
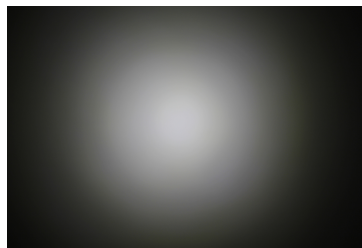
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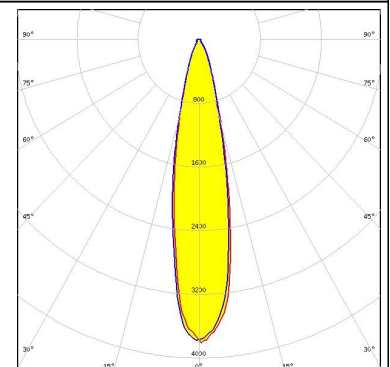
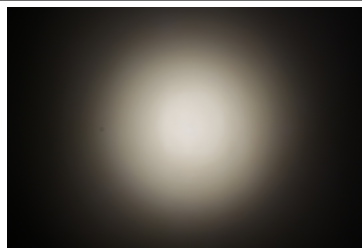
LED LUXEON TX
FWHM 20.0°
Efficiency 92 %
Peak intensity 4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



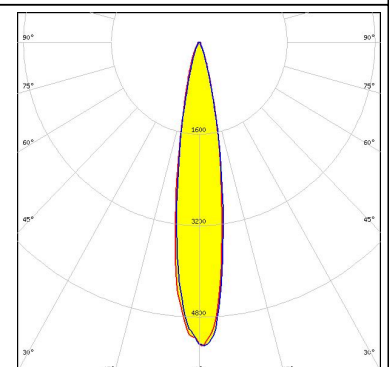
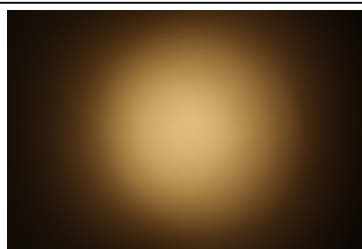
LED NCSxE17A
FWHM 11.0°
Efficiency 92 %
Peak intensity 7.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 21.0°
Efficiency 93 %
Peak intensity 3.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM Square EC
FWHM 18.0°
Efficiency 91 %
Peak intensity 5.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED SFH 4170S
FWHM 13.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

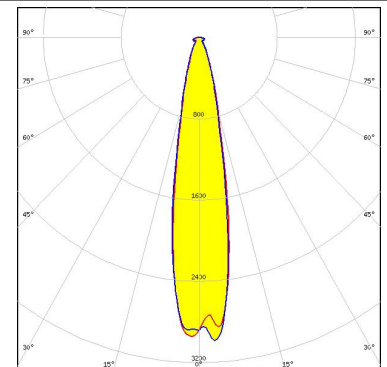
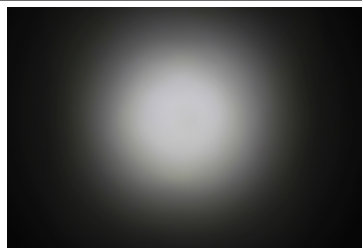
OSRAM

Opto Semiconductors

LED SFH 4180S
FWHM 11.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

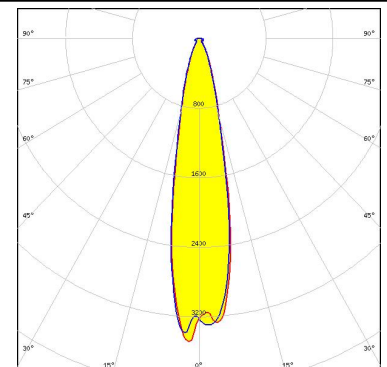
SAMSUNG

LED LH181A
FWHM 21.0°
Efficiency 86 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH181B
FWHM 22.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



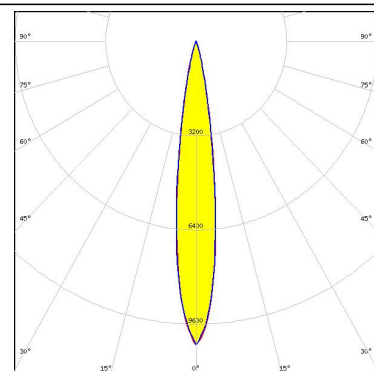
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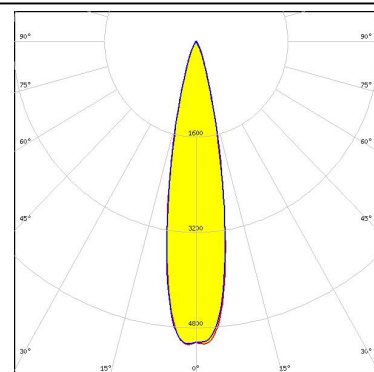
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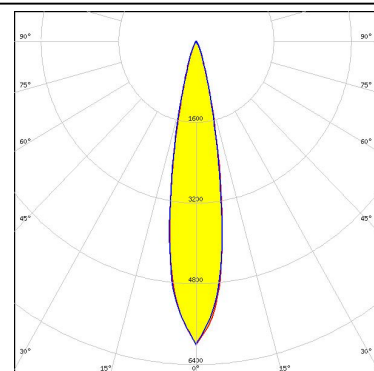
LED XP-E
FWHM 15.0°
Efficiency 92 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



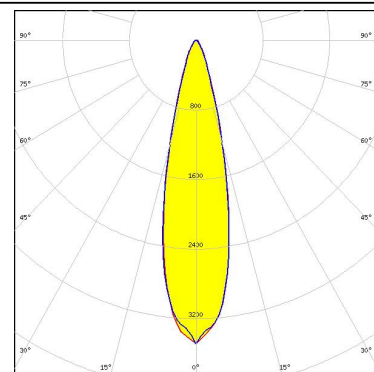
LED XP-G
FWHM 21.0°
Efficiency 91 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM 20.0°
Efficiency 93 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



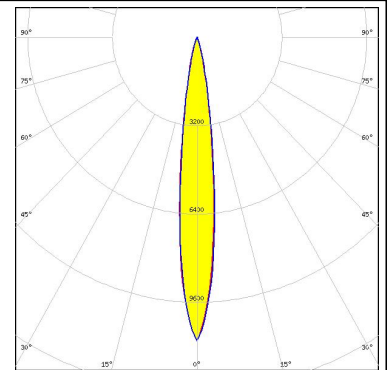
LED XP-G2 HE
FWHM 24.0°
Efficiency 97 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



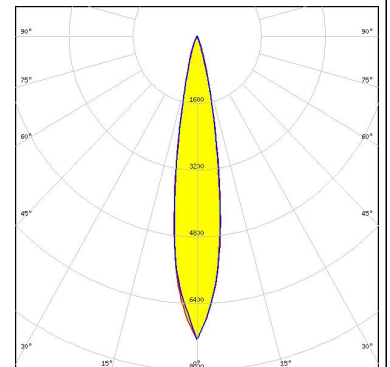
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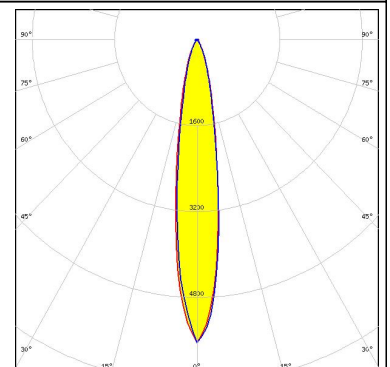
LED XQ-E HD
FWHM 13.0°
Efficiency 89 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:



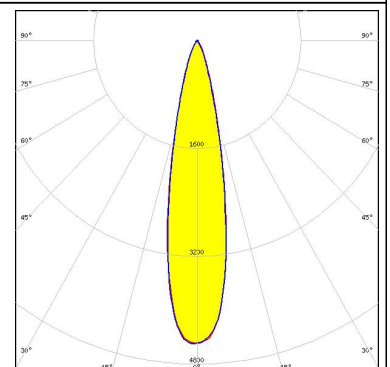
LED H35B0 (LEMWA32)
FWHM 17.0°
Efficiency 91 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 3030 2D (Round LES)
FWHM 16.0°
Efficiency 95 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



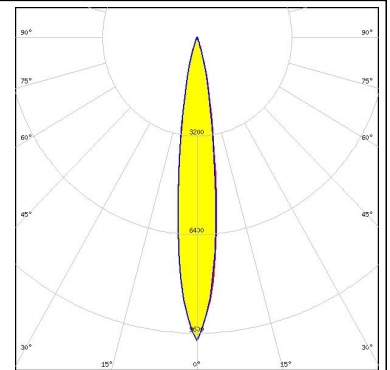
LED LUXEON A
FWHM 21.0°
Efficiency 89 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



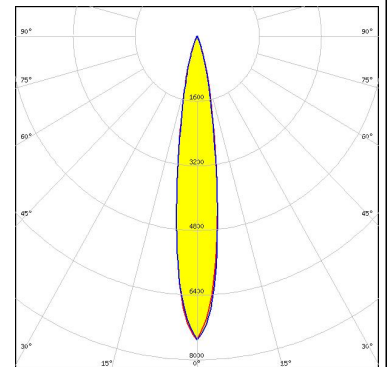
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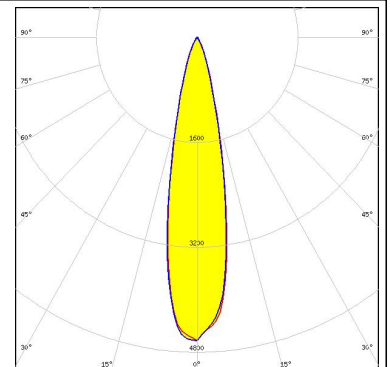
LED LUXEON C
FWHM 15.0°
Efficiency 94 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



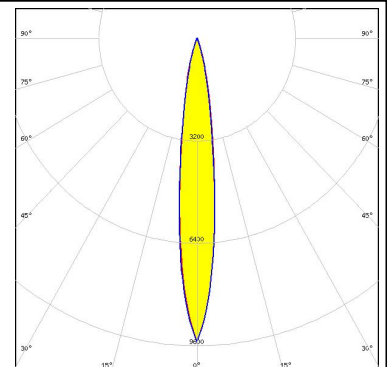
LED LUXEON Rebel
FWHM 16.0°
Efficiency 87 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM 22.0°
Efficiency 96 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



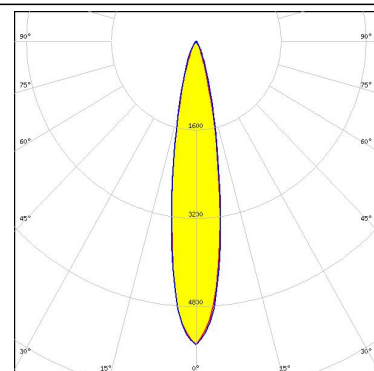
LED LUXEON Z ES
FWHM 14.0°
Efficiency 89 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



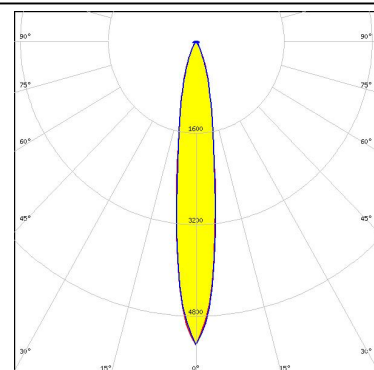
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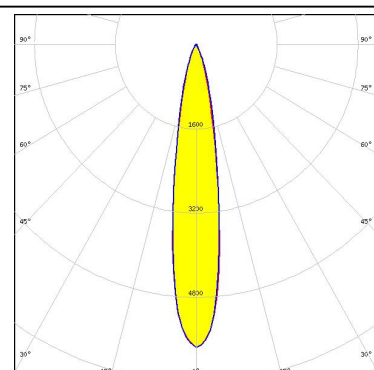
LED NF2x757G
FWHM 19.0°
Efficiency 97 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



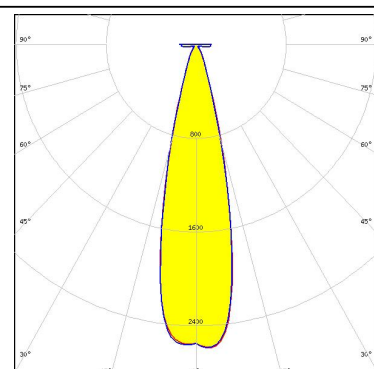
LED NVSxE21A
FWHM 15.0°
Efficiency 94 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 (2W version)
FWHM 18.0°
Efficiency 94 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 (3W version)
FWHM 25.0°
Efficiency 89 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

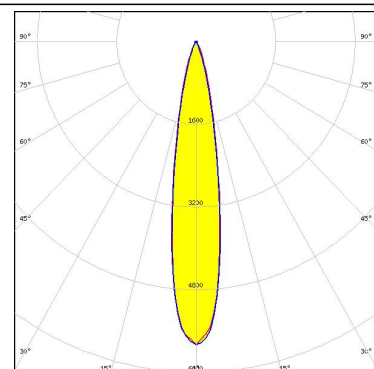


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

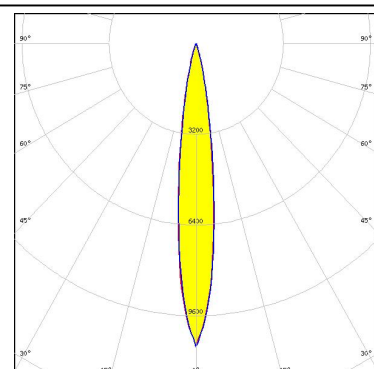
LED OSLOM Square CSSRM2/CSSRM3
FWHM 18.0°
Efficiency 92 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

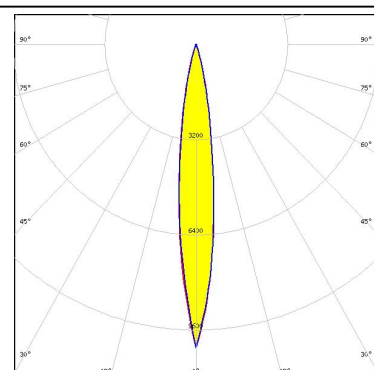
LED OSLOM SSL 150
FWHM 14.0°
Efficiency 89 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

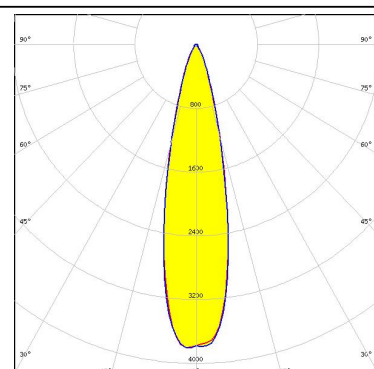
Opto Semiconductors

LED OSLOM SSL 80
FWHM 14.0°
Efficiency 90 %
Peak intensity 10.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

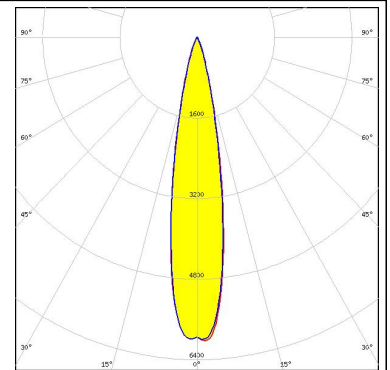
LED LH351B
FWHM 24.0°
Efficiency 94 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

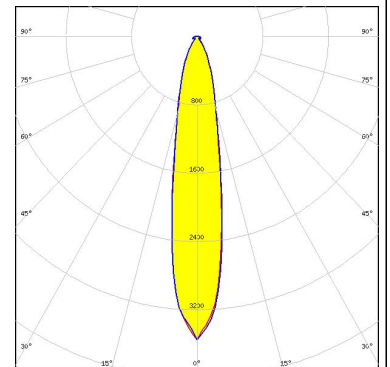
SAMSUNG

LED LH351Z
FWHM 19.0°
Efficiency 92 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEAGULL

LED Z8Y22T
FWHM 19.0°
Efficiency 94 %
Peak intensity 3.6 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:

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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LEDiL Oy

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Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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