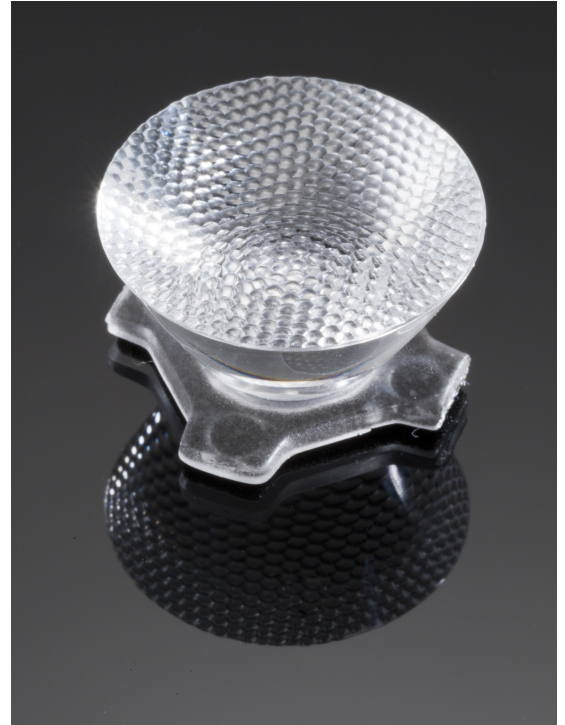


HEIDI-M

~25° medium beam

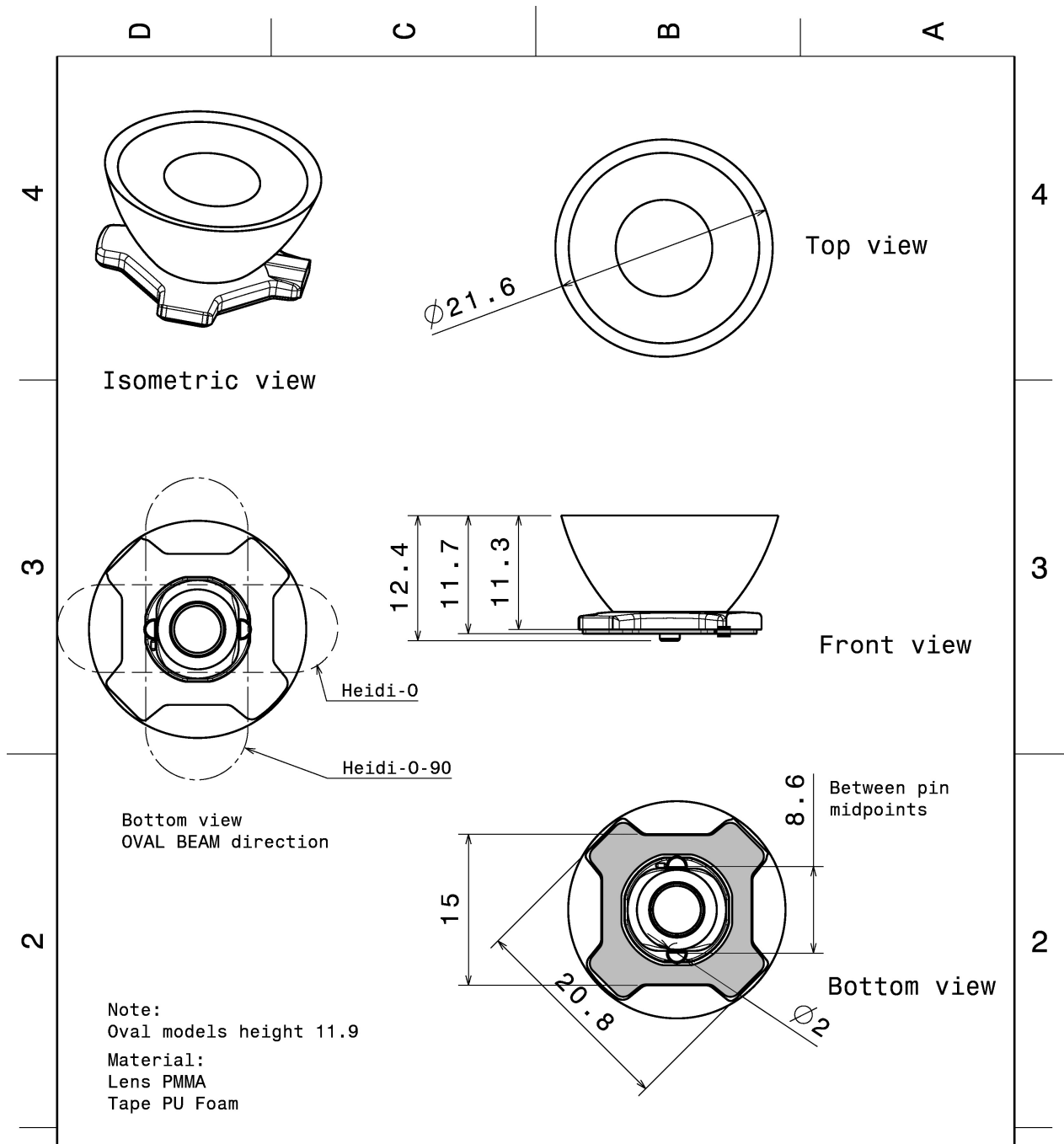
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | Ø 21.6 mm |
| Height | 11.7 mm |
| Fastening | tape, pin |
| Colour | clear |
| Box size | 480 x 280 x 300 mm |
| Box weight | 11.1 kg |
| Quantity in Box | 3264 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|------------|-------------|----------|--------|
| HEIDI-M | Single lens | PMMA | clear |
| HEIDI-TAPE | Tape | PU tape | black |

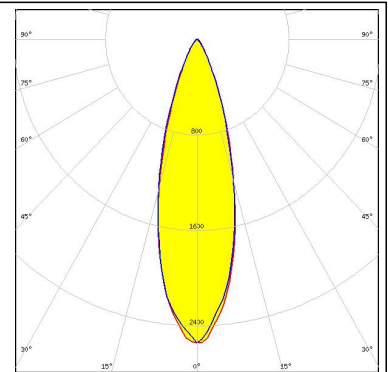


| | | | | | |
|---|-------------------------|------------------------------------|--|--|-----------------|
| This drawing is our property. It can't be reproduced or communicated without our written agreement. | | LEDiL | | Ledil Oy Joensuunkatu 13 FIN-24100 SALO Finland | |
| DRAWING TITLE | | Datasheet Heidi-Series Assy | | | |
| DRAWN BY ah | DATE 1.2.2012 | SIZE A4 | | DRAWING NUMBER | |
| CHECKED BY | DATE | SCALE 2:1 | | | REV 2 |
| DESIGNED BY | DATE | WEIGHT (g) | | SHEET 1/1 | |

PHOTOMETRIC DATA (MEASURED):

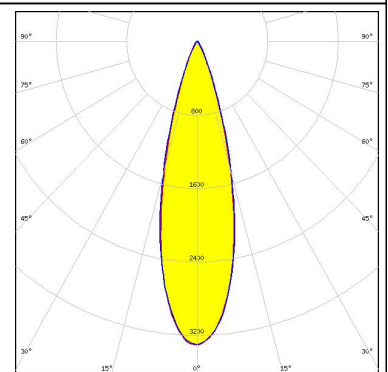
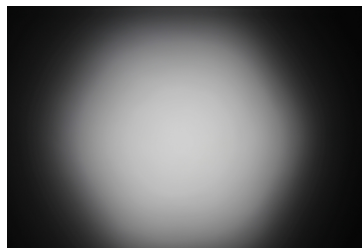
CREE

LED XHP35 HD
 FWHM 28.0°
 Efficiency 86 %
 Peak intensity 3.110 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



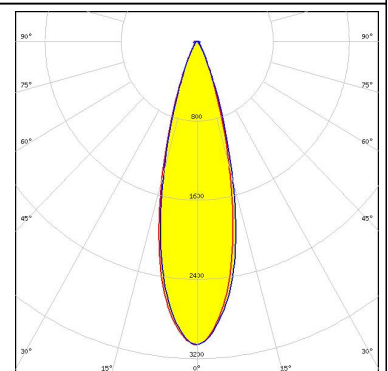
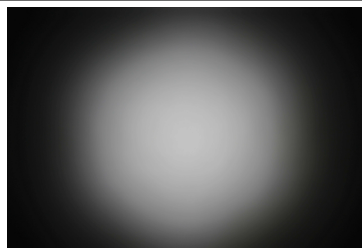
CREE

LED XHP35 HI
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 3.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



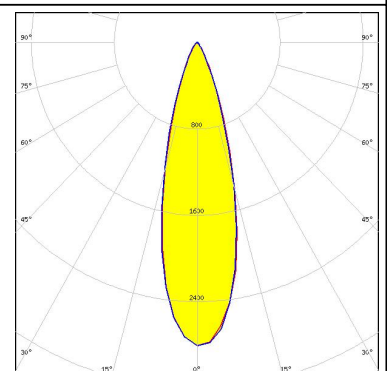
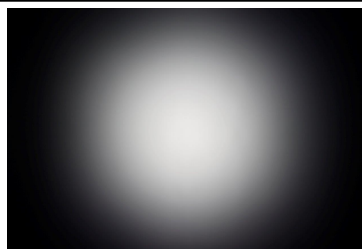
CREE

LED XP-G3
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 3.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

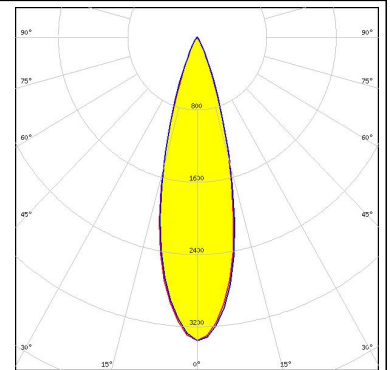
LED XP-L HD
 FWHM 28.0°
 Efficiency 86 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

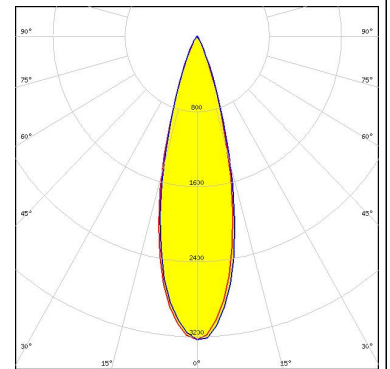
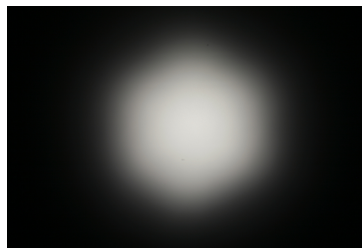
LUMILEDS

LED LUXEON A
 FWHM 29.0°
 Efficiency 88 %
 Peak intensity 3.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



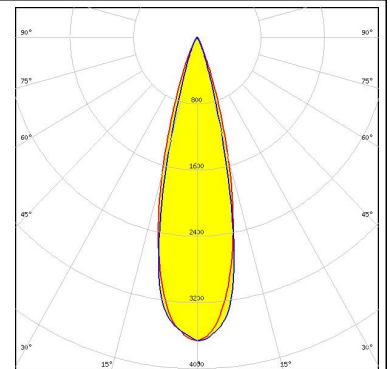
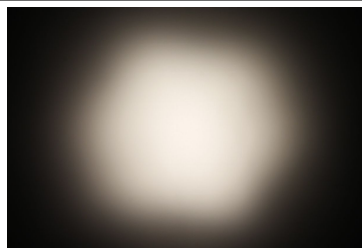
LUMILEDS

LED LUXEON R
 FWHM 29.0°
 Efficiency 87 %
 Peak intensity 3.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



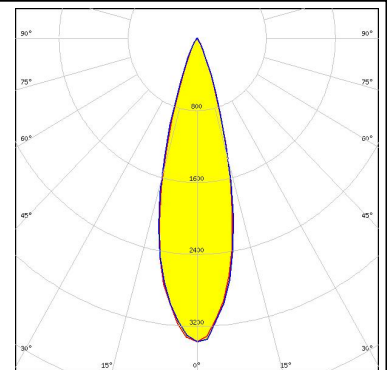
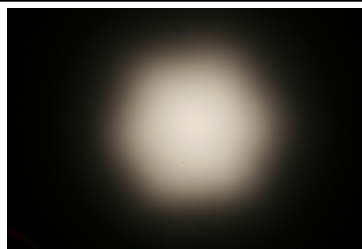
LUMILEDS

LED LUXEON Rebel
 FWHM 27.0°
 Efficiency 88 %
 Peak intensity 3.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

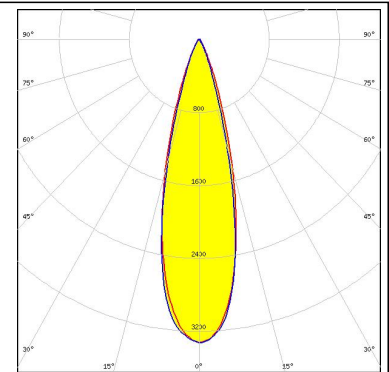
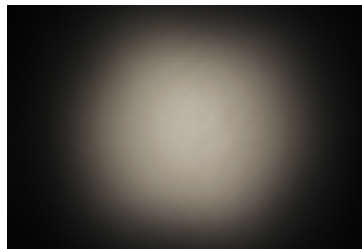
LED LUXEON Rebel ES
 FWHM 29.0°
 Efficiency 88 %
 Peak intensity 3.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



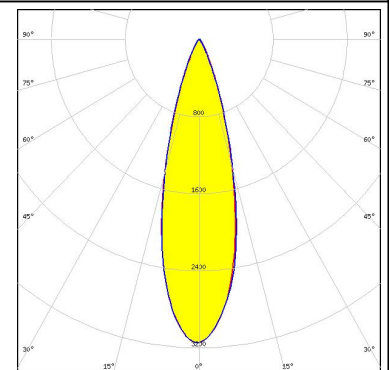
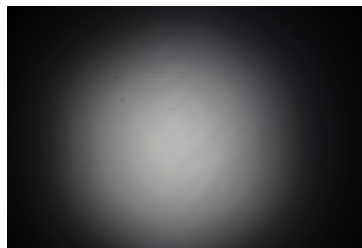
PHOTOMETRIC DATA (MEASURED):



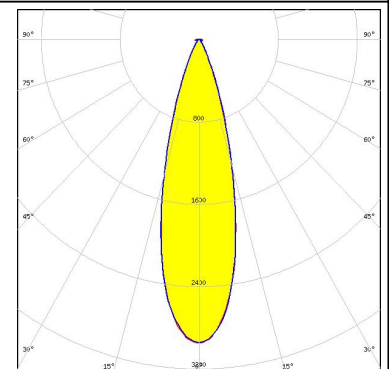
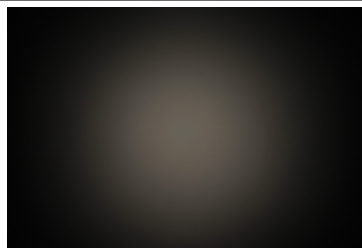
LED NVSW219D
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 3.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



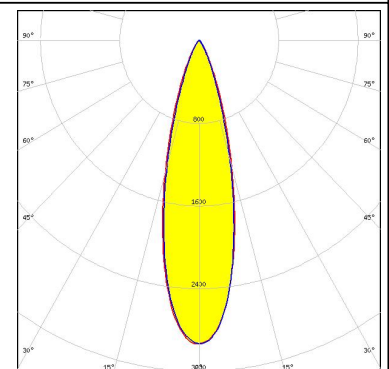
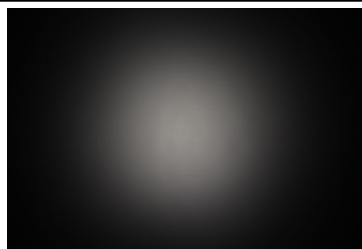
LED NVSW319B
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 3.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW3x9A
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



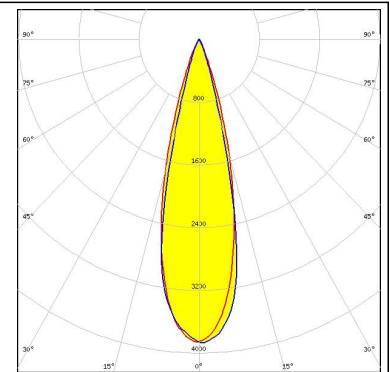
LED NWSx229A
 FWHM 27.0°
 Efficiency 85 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

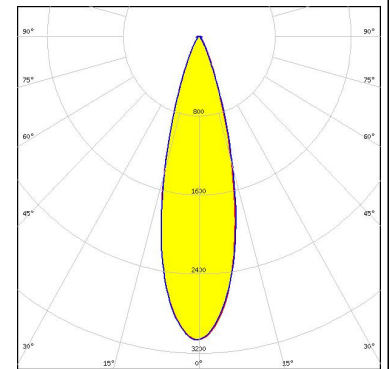
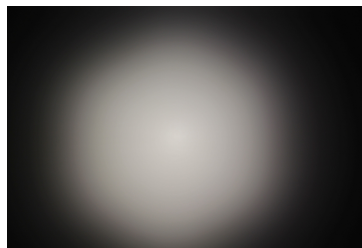
OSRAM
Opto Semiconductors

LED OSLON SSL 150
 FWHM 27.0°
 Efficiency 88 %
 Peak intensity 3.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



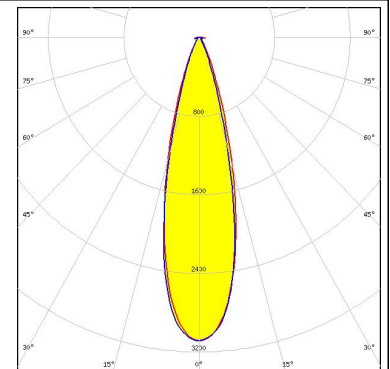
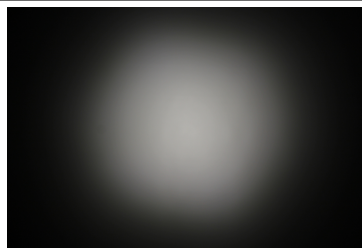
SEOL
SEOL SEMICONDUCTOR

LED Z5M3
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 3.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOL
SEOL SEMICONDUCTOR

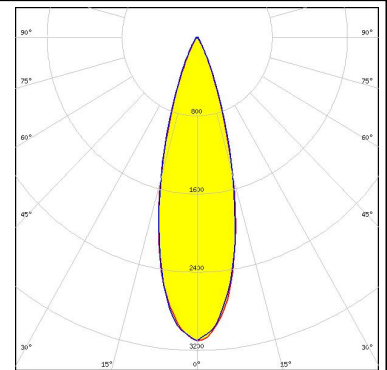
LED Z8Y22P
 FWHM 27.0°
 Efficiency 93 %
 Peak intensity 3.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



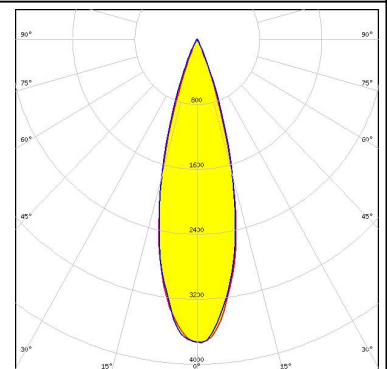
LED XP-G2 HE
 FWHM 30.0°
 Efficiency 93 %
 Peak intensity 3.119 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



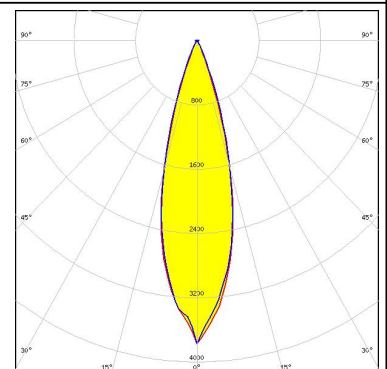
LED LUXEON IR Domed 150
 FWHM 27.0°
 Efficiency 93 %
 Peak intensity 0.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON SunPlus 20 Line (120 deg)
 FWHM 29.0°
 Efficiency 96 %
 Peak intensity 3.758 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



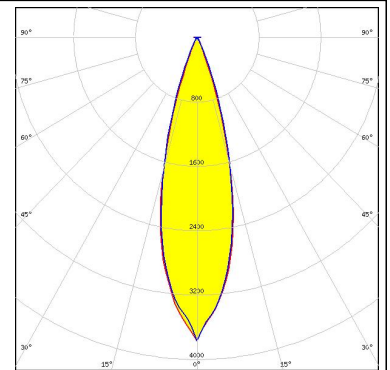
LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 3.776 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

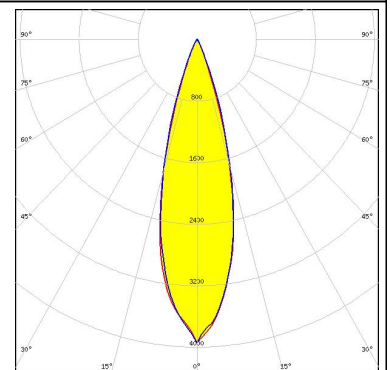
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
FWHM 28.0°
Efficiency 92 %
Peak intensity 3.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



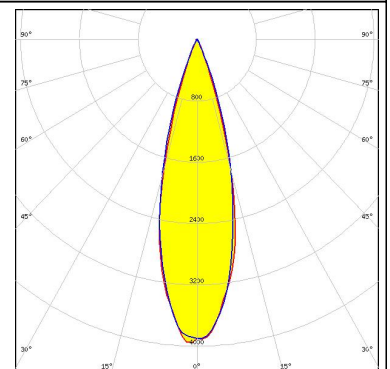
LUMILEDS

LED LUXEON SunPlus 35 Line
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.940 cd/lm
LEDs/each optic 1
Light colour White
Required components:



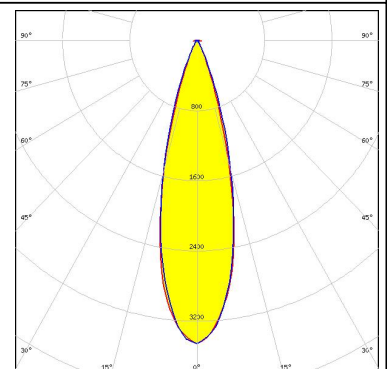
LUMILEDS

LED LUXEON Z ES
FWHM 28.0°
Efficiency 94 %
Peak intensity 4.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

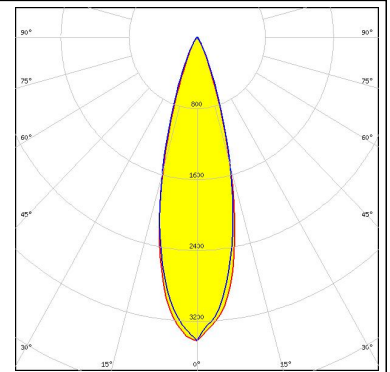
LED NVSxE21A
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.476 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

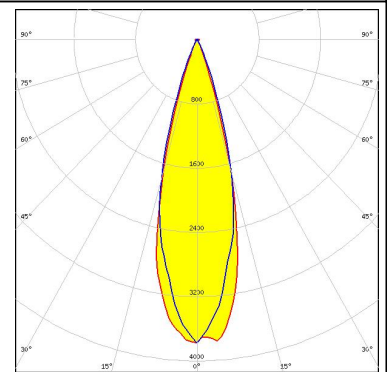
OSRAM Opto Semiconductors

LED OSCONIQ P 3737 Flat
FWHM 28.0°
Efficiency 95 %
Peak intensity 3.420 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED OSLON Black Flat
FWHM 29.0°
Efficiency 94 %
Peak intensity 3.800 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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