


HEIDI-RS

~8° spot beam

TECHNICAL SPECIFICATIONS:

| | |
|----------------|---|
| Dimensions | Ø 21.6 mm |
| Height | 11.7 mm |
| Fastening | tape, pin |
| ROHS compliant | yes  |

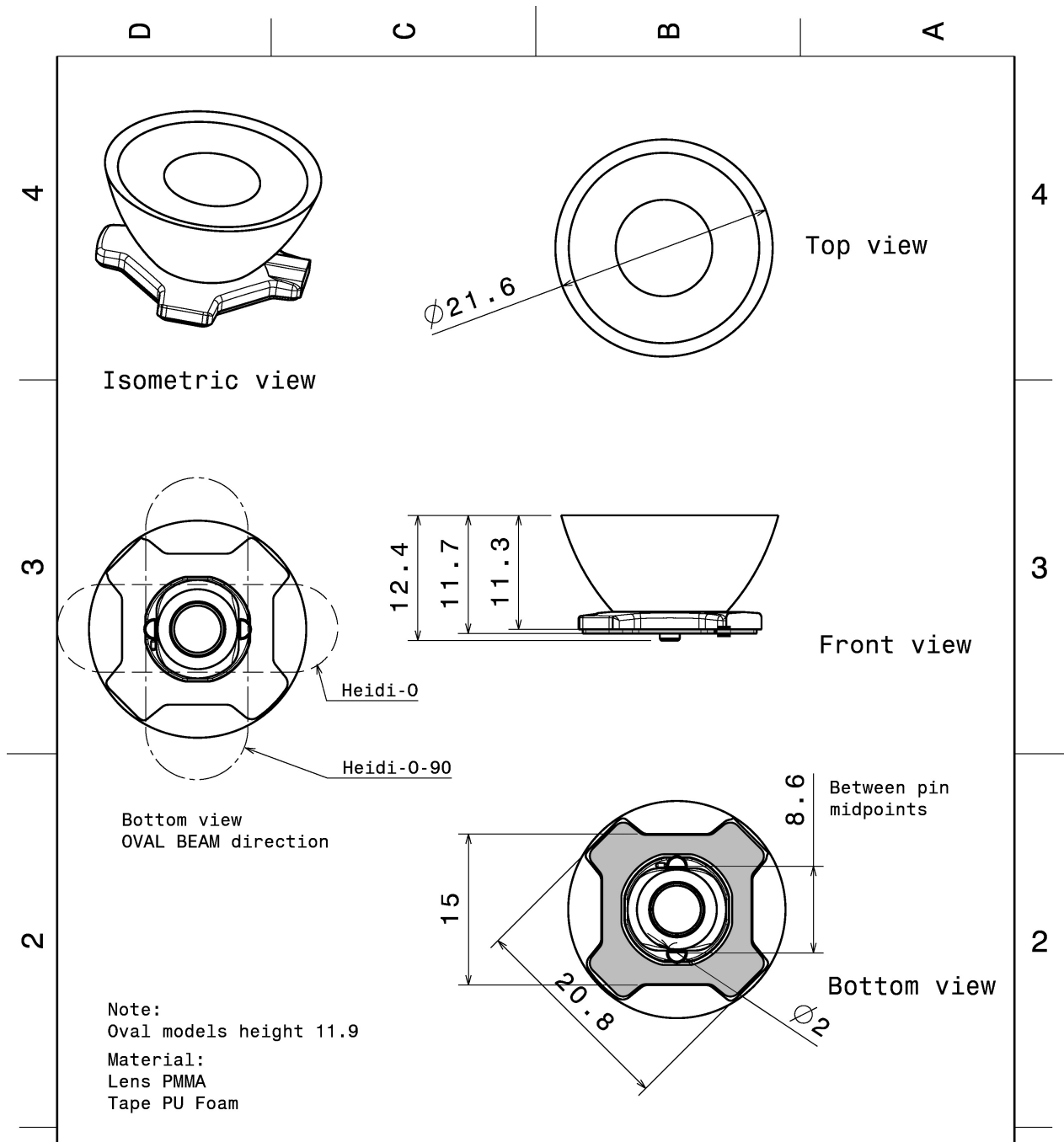
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA12537_HEIDI-RS | Single lens | 3264 | 204 | 204 | 11.1 |
| » Box size: 480 x 280 x 300 mm | | | | | |

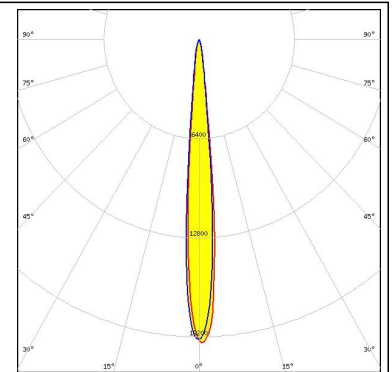


| | | | | | |
|---|----------|------------------------------------|----------------|--|-------|
| This drawing is our property. It can't be reproduced or communicated without our written agreement. | | LEDiL | | Ledil Oy Joensuunkatu 13 FIN-24100 SALO Finland | |
| DRAWING TITLE | | Datasheet Heidi-Series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

PHOTOMETRIC DATA (MEASURED):

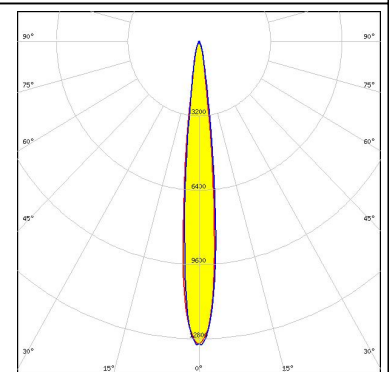
CREE

LED XP-G2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 20 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



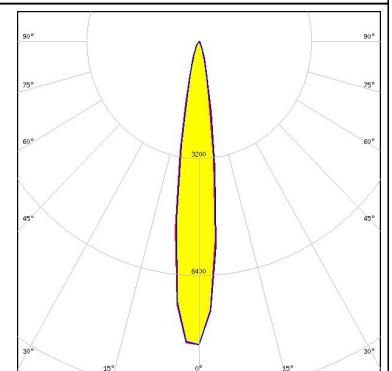
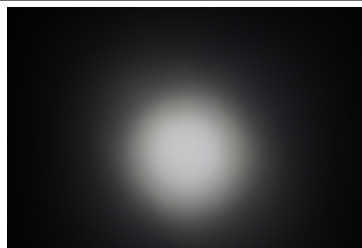
CREE

LED XP-G3
 FWHM 12.0°
 Efficiency 94 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



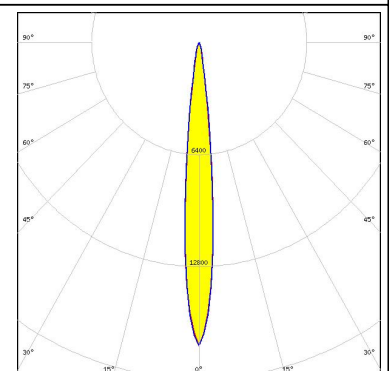
CREE

LED XP-L HD
 FWHM 15.0°
 Efficiency 89 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

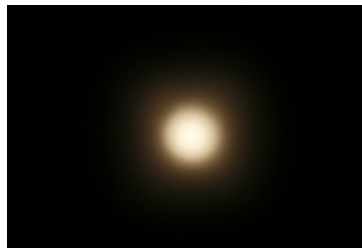
LED LUXEON A
 FWHM 11.0°
 Efficiency 87 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
 FWHM 8.0°
 Efficiency 88 %
 Peak intensity 26 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



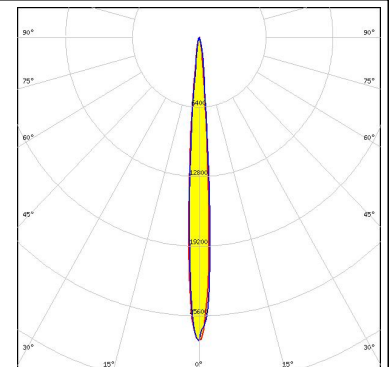
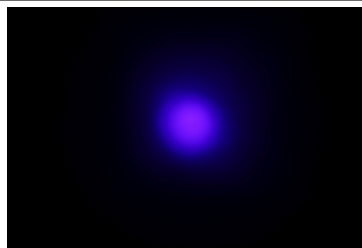
LUMILEDS

LED LUXEON Rebel ES
 FWHM 11.0°
 Efficiency 86 %
 Peak intensity 15.1 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



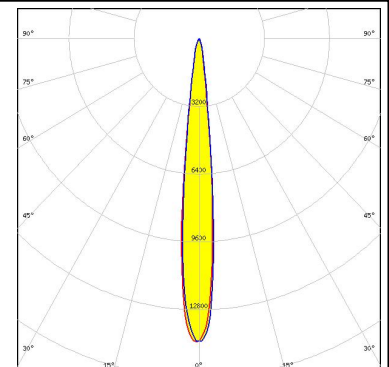
LUMINUS

LED SST-10-B130
 FWHM 8.0°
 Efficiency 96 %
 Peak intensity 27.9 cd/Im
 LEDs/each optic 1
 Light colour Blue
 Required components:


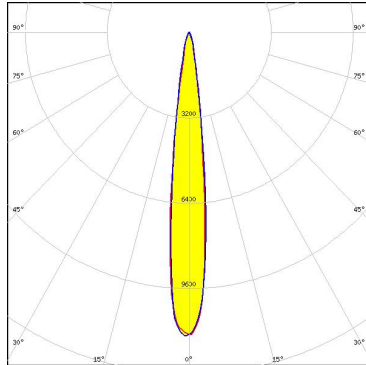

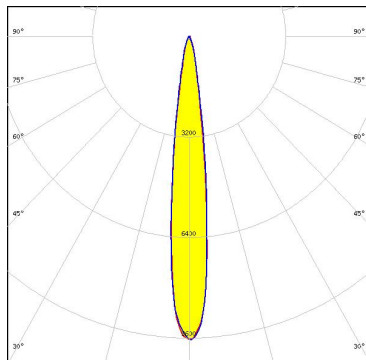

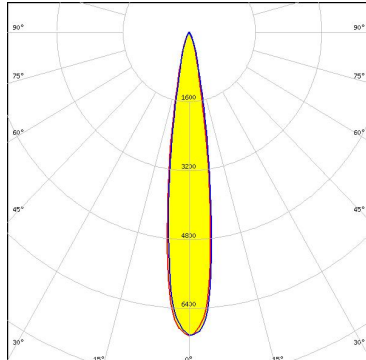

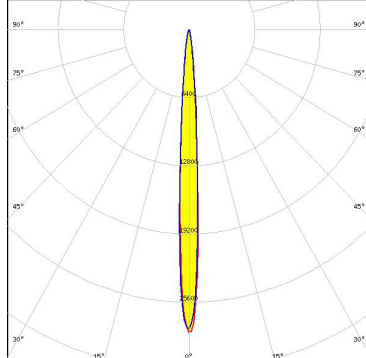


NICHIA


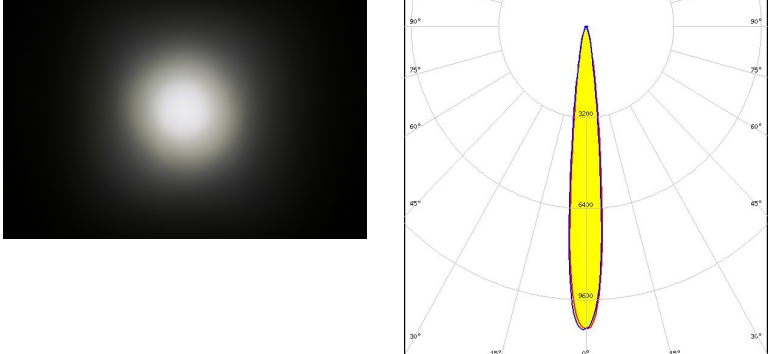
LED NVSW219D
 FWHM 11.0°
 Efficiency 94 %
 Peak intensity 14.3 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

| | | |
|--|--|---|
| <p>NICHIA</p> <p>LED NVSW319B FWHM 13.0° Efficiency 94 % Peak intensity 11.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NVSW3x9A FWHM 13.0° Efficiency 92 % Peak intensity 9.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NWSx229A FWHM 16.0° Efficiency 87 % Peak intensity 7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSLOM SSL 150 FWHM 7.0° Efficiency 89 % Peak intensity 28.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

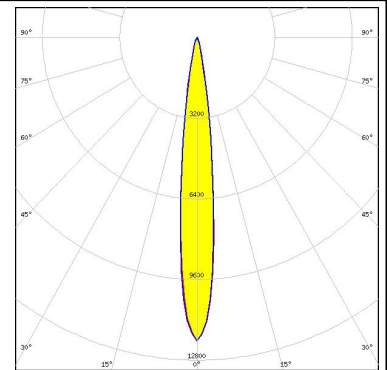
PHOTOMETRIC DATA (MEASURED):

| | |
|---|--|
| <p>OSRAM Opto Semiconductors</p> <p>LED PLPVEC2 850A FWHM 6.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p> | |
| <p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z5M3 FWHM 11.0° Efficiency 94 % Peak intensity 12.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM 12.0° Efficiency 94 % Peak intensity 10.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
 FWHM 12.0°
 Efficiency 95 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



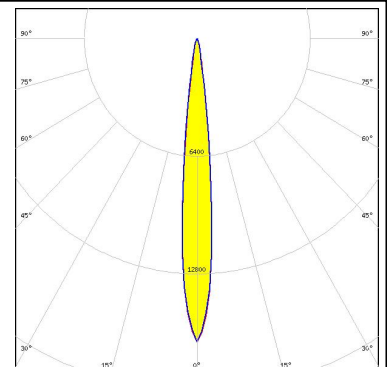
LED LUXEON IR Domed 150
 FWHM 11.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON IR Domed 90
 FWHM 11.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



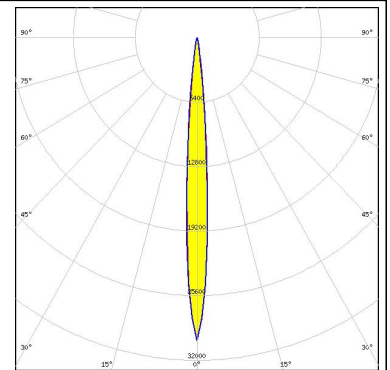
LED LUXEON R
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 16.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

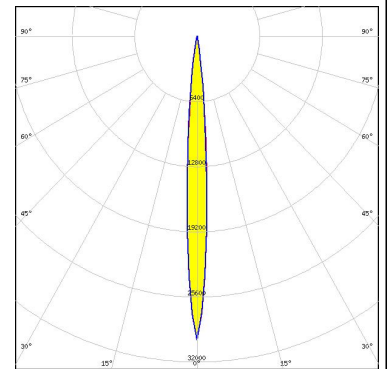
LUMILEDS

LED LUXEON SunPlus 20 Line (120 deg)
 FWHM 8.0°
 Efficiency 96 %
 Peak intensity 30.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



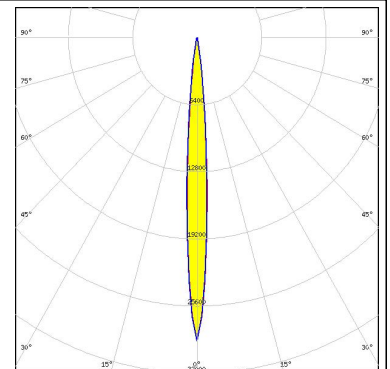
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 7.8°
 Efficiency 93 %
 Peak intensity 29.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



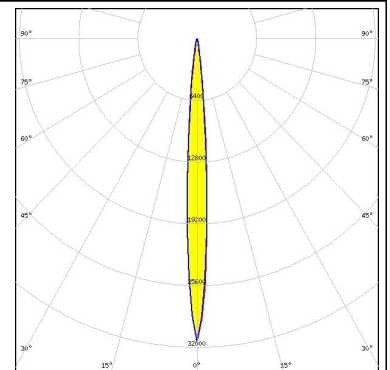
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 8.0°
 Efficiency 92 %
 Peak intensity 28.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

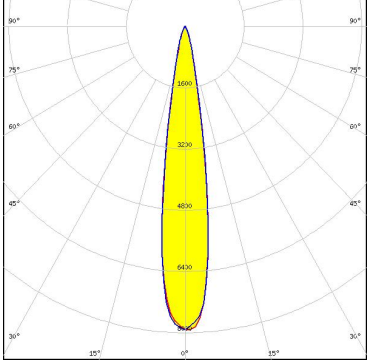
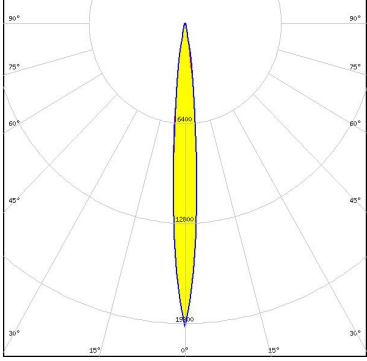
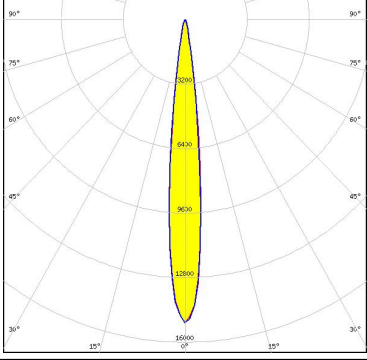
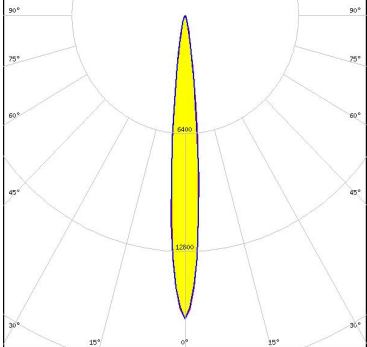


LUMILEDS

LED LUXEON SunPlus 35 Line
 FWHM 7.8°
 Efficiency 94 %
 Peak intensity 31.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

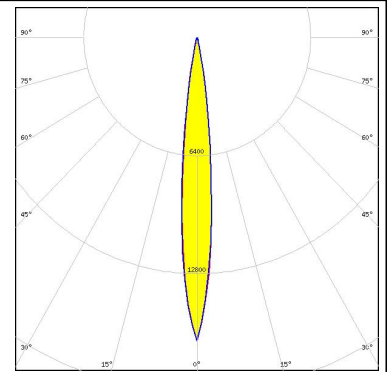
| | |
|---|---|
| <p>NICHIA</p> <p>LED: NV4WB35AM FWHM: 16.0° Efficiency: 96 % Peak intensity: 8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>NICHIA</p> <p>LED: NVSxE21A FWHM: 10.0° Efficiency: 94 % Peak intensity: 19.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM: 12.0° Efficiency: 95 % Peak intensity: 15 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3737 Flat FWHM: 10.0° Efficiency: 96 % Peak intensity: 16.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

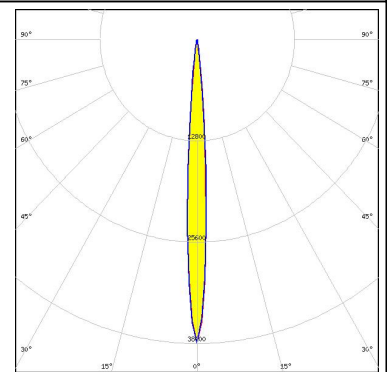
LED OSLON Black
 FWHM 11.0°
 Efficiency 93 %
 Peak intensity 16.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

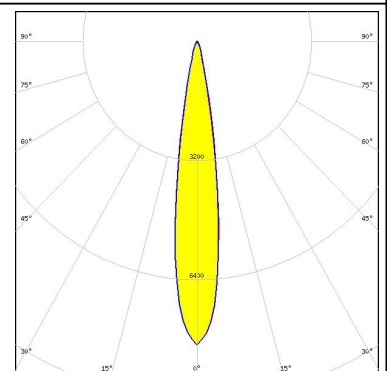
Opto Semiconductors

LED OSLON Black Flat
 FWHM 7.3°
 Efficiency 94 %
 Peak intensity 38.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351D
 FWHM 16.0°
 Efficiency 94 %
 Peak intensity 8.2 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.

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LEDiL Oy

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Hong Kong, China

Distribution Partners

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