

HEIDI-RS

~8° spot beam

TECHNICAL SPECIFICATIONS:

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

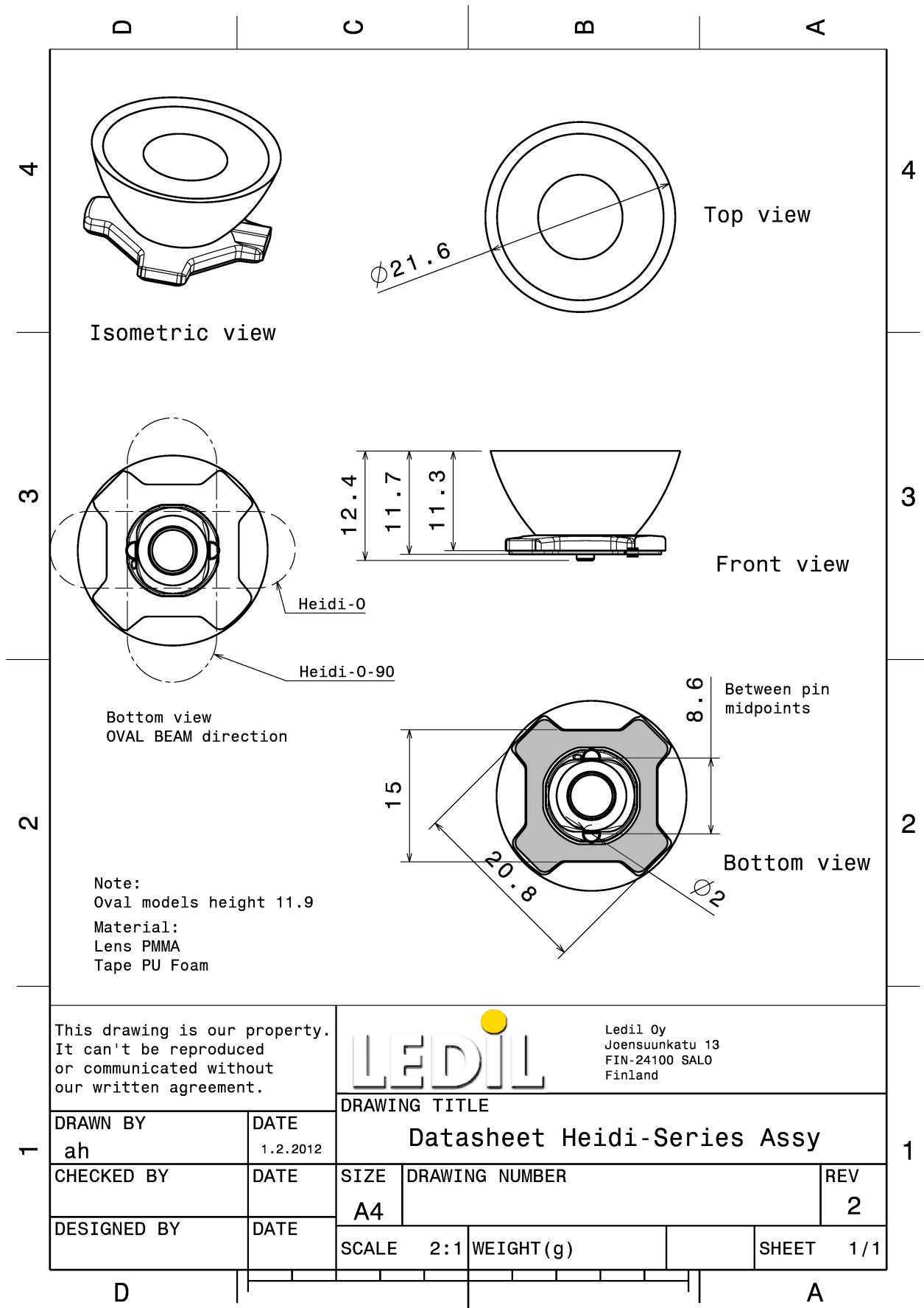
MATERIAL SPECIFICATIONS:

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





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or communicated without
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Ledil Oy
Joensuunkatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Heidi-Series Ass'y

DRAWN BY
ah

DATE
1.2.2012

CHECKED BY

DATE

SIZE
A4

DRAWING NUMBER

REV
2

DESIGNED BY

DATE

SCALE

2:1

WEIGHT (g)

SHEET

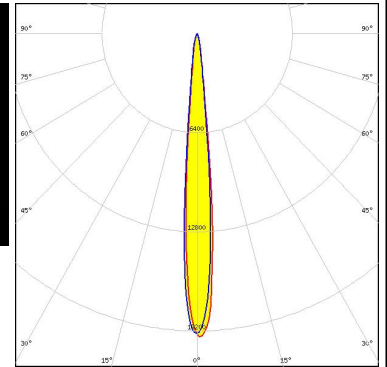
1/1

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

PHOTOMETRIC DATA (MEASURED):

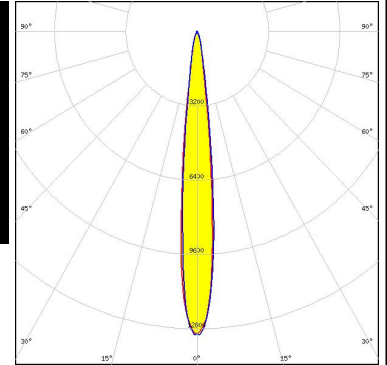
CREE LED

LED XP-G2
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 94 %
 Peak intensity 20 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



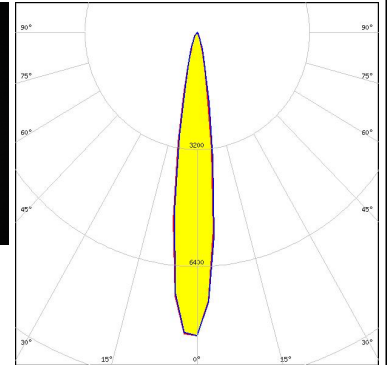
CREE LED

LED XP-G3
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 94 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



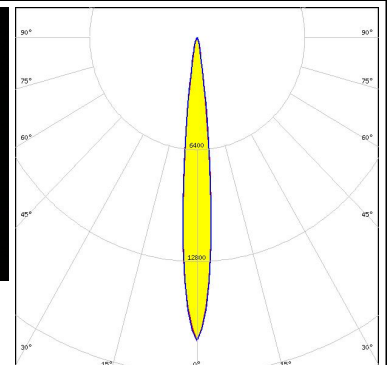
CREE LED

LED XP-L HD
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 89 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON A
 FWHM / FWTM 11.0° / 20.0°
 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 / FWTM 8.0° / 17.0°
 Efficiency 88 %
 Peak intensity 26 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



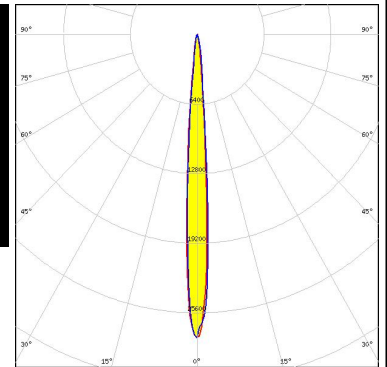
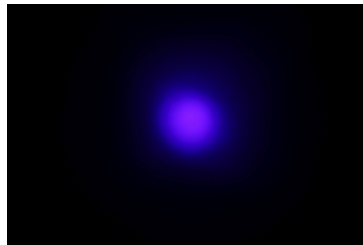
LUMILEDS

LED LUXEON Rebel ES
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 86 %
 Peak intensity 15.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



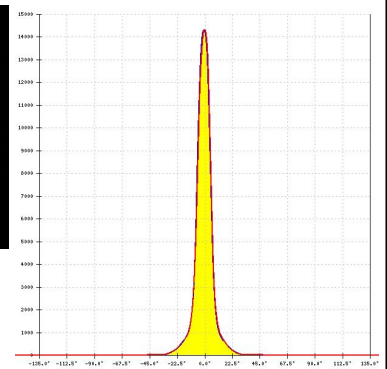
LUMINUS

LED SST-10-B130
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 96 %
 Peak intensity 27.9 cd/lm
 LEDs/each optic 1
 Light colour Blue
 Required components:


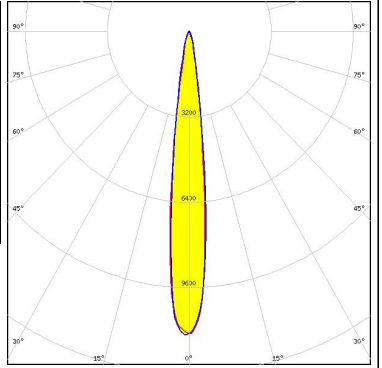

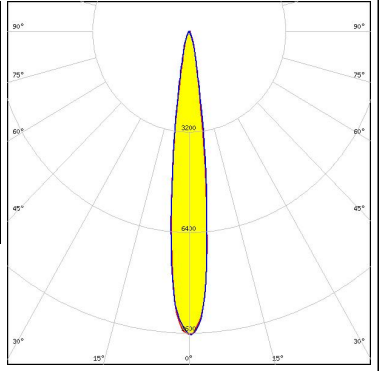

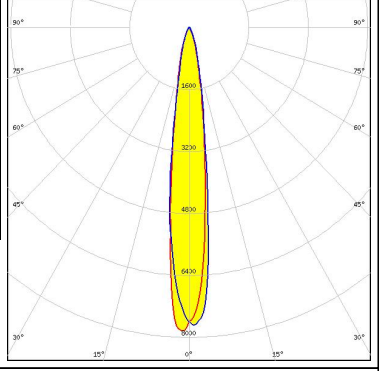

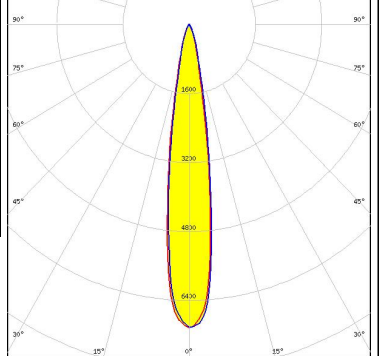


NICHIA

LED NVSW219D
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 94 %
 Peak intensity 14.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

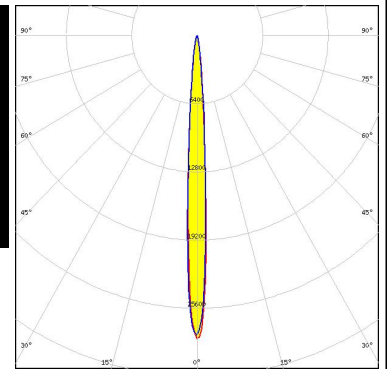
| | | |
|--|--|---|
| <p>NICHIA</p> <p>LED NVSW319B FWHM / FWTM 13.0° / 25.0° Efficiency 94 % Peak intensity 11.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NVSW3x9A FWHM / FWTM 13.0° / 27.0° Efficiency 92 % Peak intensity 9.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 14.0° / 33.0° Efficiency 93 % Peak intensity 8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NWSx229A FWHM / FWTM 16.0° / 32.0° Efficiency 87 % Peak intensity 7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

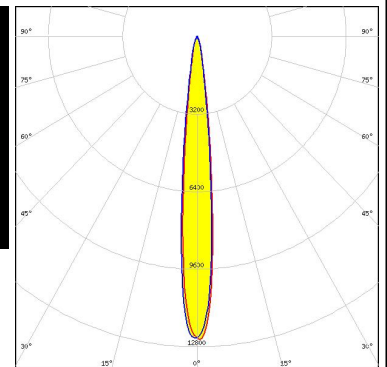
LED OSLON SSL 150
 FWHM / FWTM 7.0° / 16.0°
 Efficiency 89 %
 Peak intensity 28.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

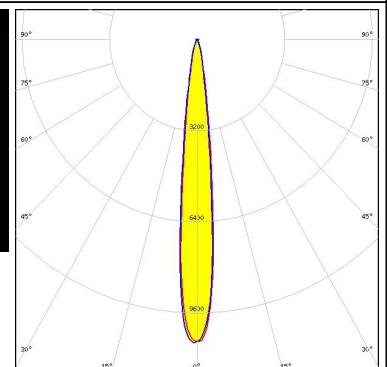
Opto Semiconductors

LED PLPVEC2 850A
 FWHM / FWTM 6.0° / 16.0°
 Efficiency %
 LEDs/each optic 1
 Light colour IR
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 94 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



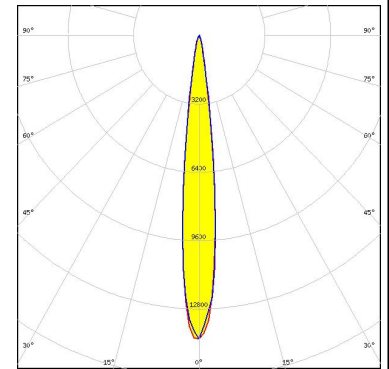
SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 94 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

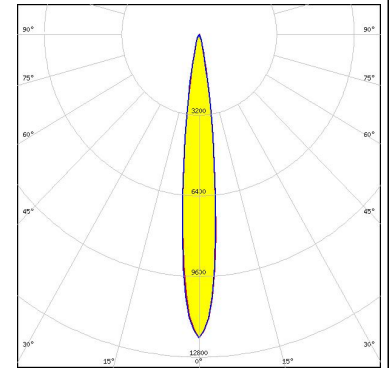
PHOTOMETRIC DATA (SIMULATED):



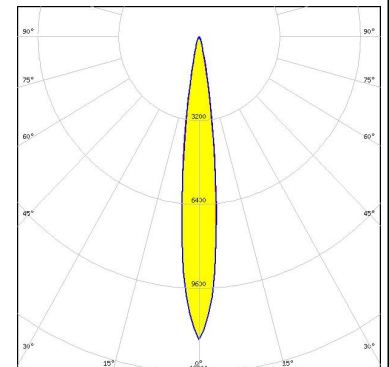
LED XHP35 HI
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 96 %
 Peak intensity 14.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2 HE
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 95 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON HL2X
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 95 %
 Peak intensity 11.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON IR Domed 150
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:

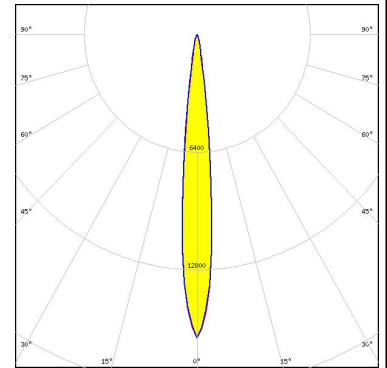
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Domed 90
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:

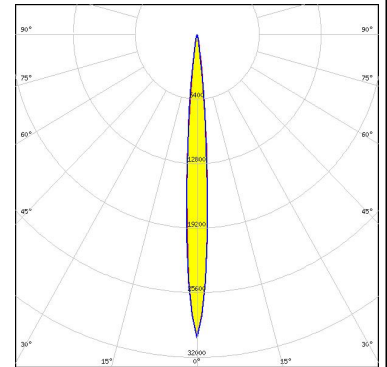
LUMILEDS

LED LUXEON R
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 92 %
 Peak intensity 16.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



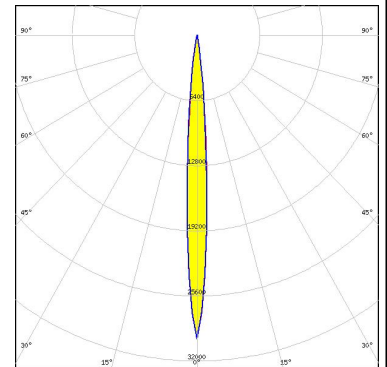
LUMILEDS

LED LUXEON SunPlus 20 Line (120 deg)
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 96 %
 Peak intensity 30.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

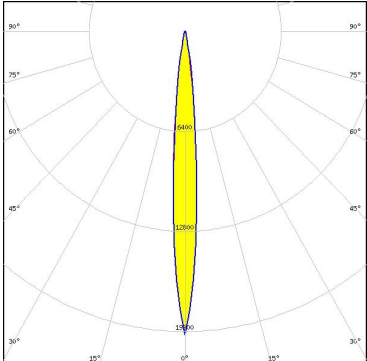
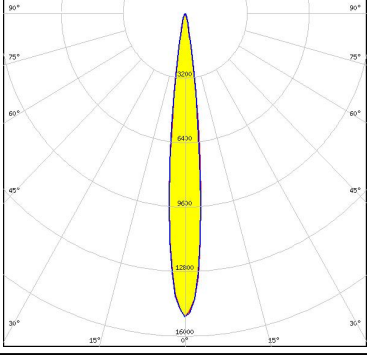
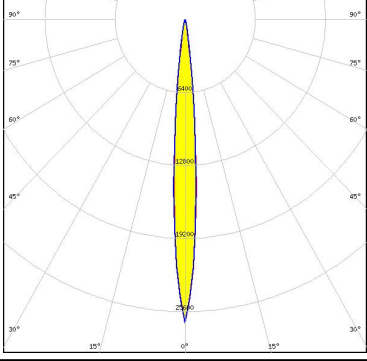
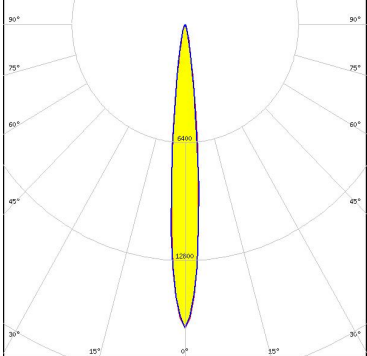
LED LUXEON SunPlus 20 Line (150 deg)
 FWHM / FWTM 7.8° / 17.0°
 Efficiency 93 %
 Peak intensity 29.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

| | |
|---|--|
| <p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (150 deg)</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 28.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |
| <p>LUMILEDS</p> <p>LED LUXEON SunPlus 35 Line</p> <p>FWHM / FWTM 7.8° / 17.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 31.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |
| <p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM / FWTM 10.0° / 20.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 19.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |
| <p>NICHIA</p> <p>LED NV4WB35AM</p> <p>FWHM / FWTM 16.0° / 30.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |

PHOTOMETRIC DATA (SIMULATED):

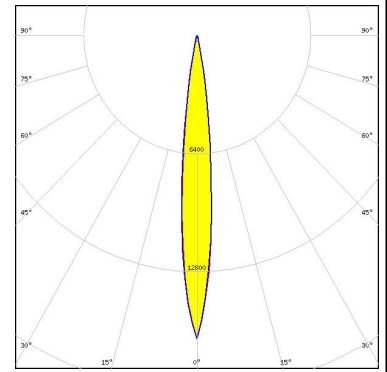
| | |
|--|---|
| <p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 10.0° / 20.0° Efficiency 94 % Peak intensity 19.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 12.0° / 22.0° Efficiency 95 % Peak intensity 15 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ C 2424 FWHM / FWTM 8.0° / 18.0° Efficiency 96 % Peak intensity 26.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 Flat FWHM / FWTM 10.0° / 22.0° Efficiency 96 % Peak intensity 16.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

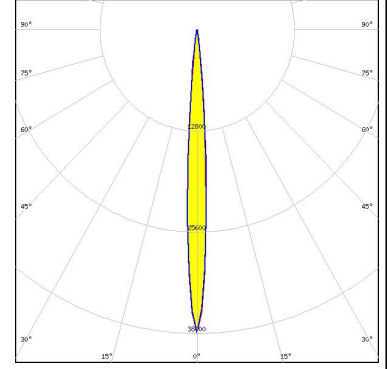
LED OSLON Black
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 93 %
 Peak intensity 16.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

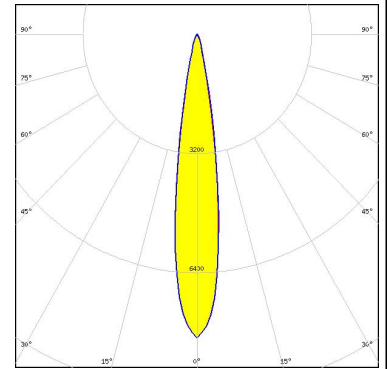
Opto Semiconductors

LED OSLON Black Flat
 FWHM / FWTM 7.3° / 15.0°
 Efficiency 94 %
 Peak intensity 38.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



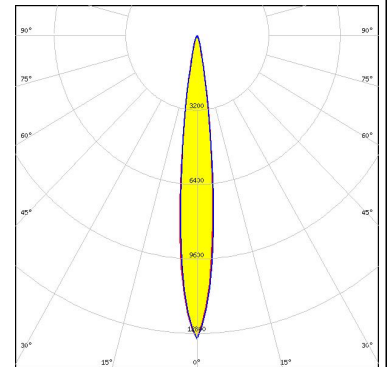
SAMSUNG

LED LH351D
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 94 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 96 %
 Peak intensity 13 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

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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