

VIRPI-S

~15° spot beam

SPECIFICATION:

Dimensions	74.9 x 74.9 mm
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

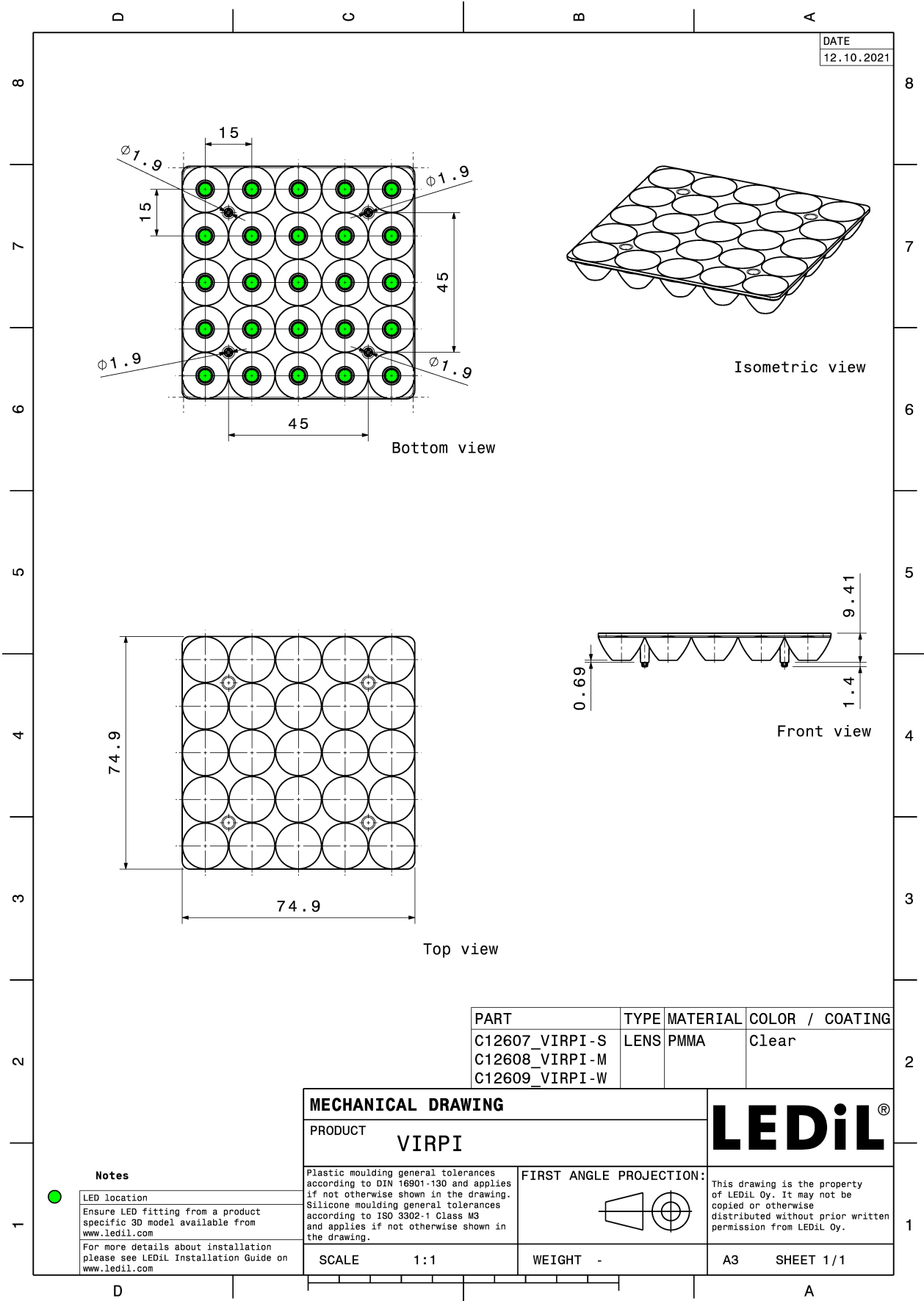
MATERIALS:

Component	Type	Material	Colour	Finish
VIRPI-S	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12607_VIRPI-S » Box size: 480 x 280 x 300 mm	360	45	15	12.0



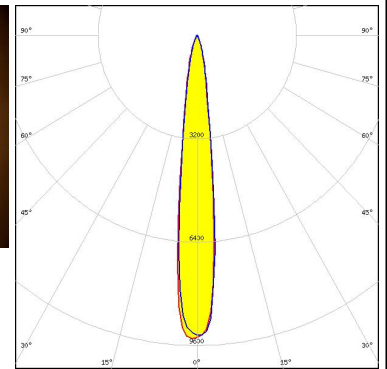
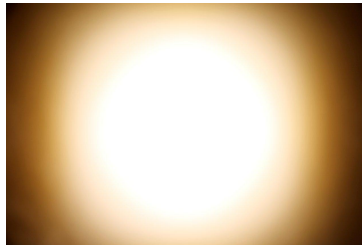


See also our general installation guide: www.ledil.com/installation_guide

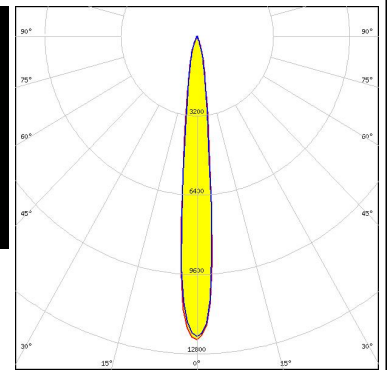
OPTICAL RESULTS (MEASURED):



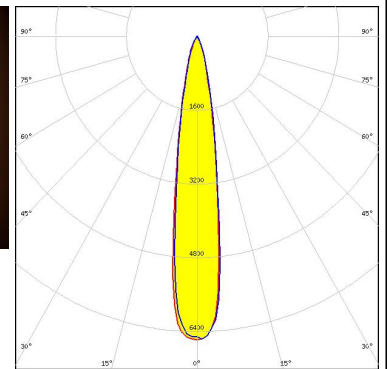
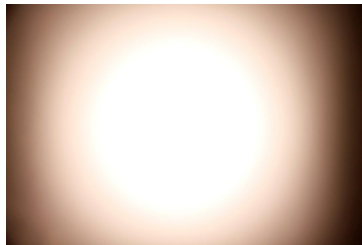
LED XB-D
 FWHM / FWTM 13.0° / 30.0°
 Efficiency 92 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



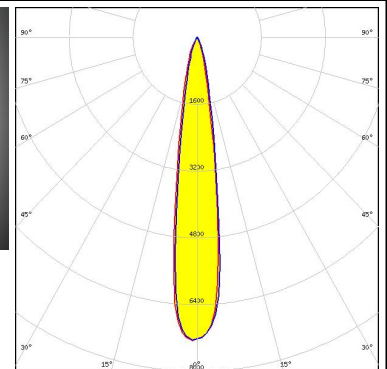
LED XP-E2
 FWHM / FWTM 11.0° / 27.0°
 Efficiency 94 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 94 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



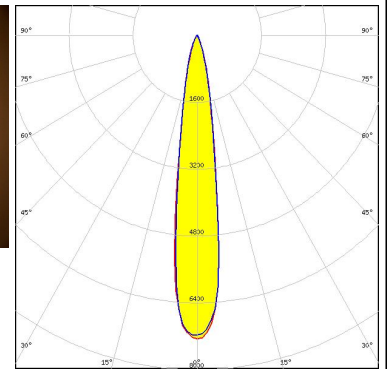
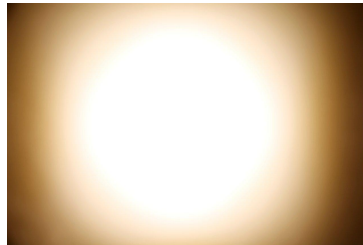
LED XP-G2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 94 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



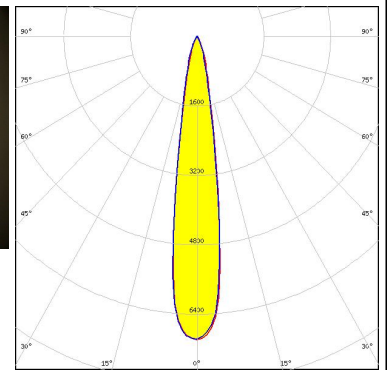
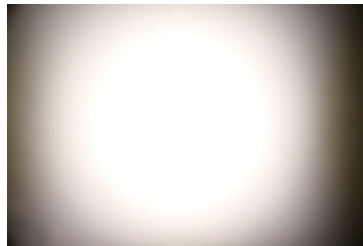
OPTICAL RESULTS (MEASURED):



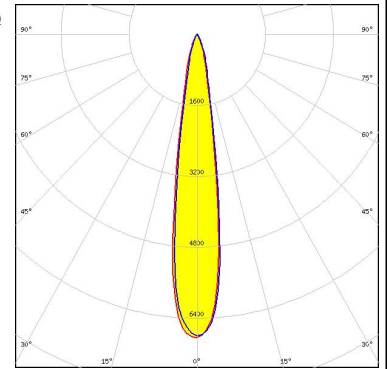
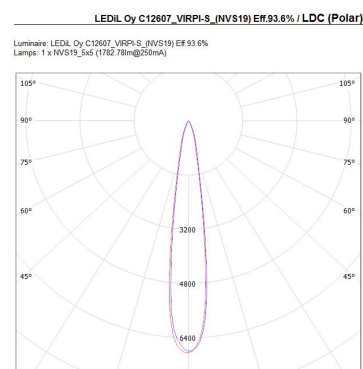
LED XT-E
 FWHM / FWTM 15.0° / 34.0°
 Efficiency 94 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



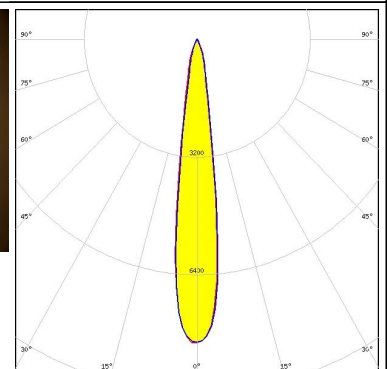
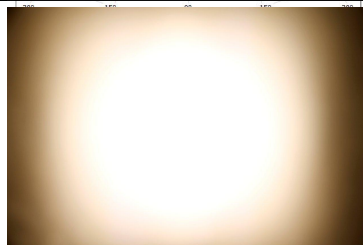
LED LUXEON Rebel ES
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 94 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19A
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 93 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



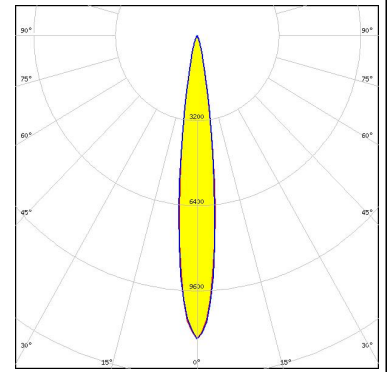
LED OSLON Square EC
 FWHM / FWTM 15.0° / 31.0°
 Efficiency 94 %
 Peak intensity 8.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



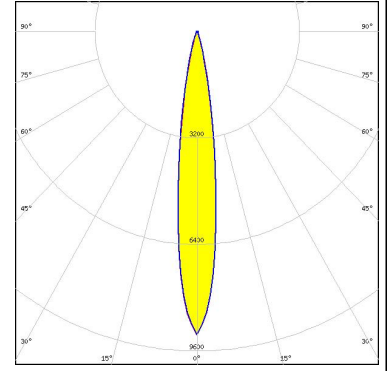
OPTICAL RESULTS (SIMULATED):



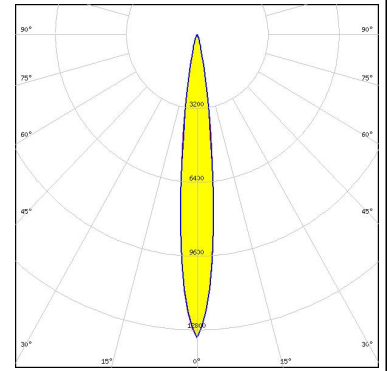
LED J Series 3030
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



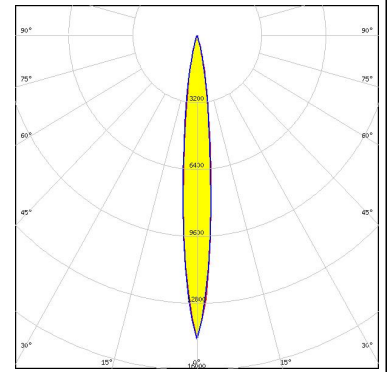
LED XD16
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 94 %
 Peak intensity 9.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 2835 Line
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 95 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



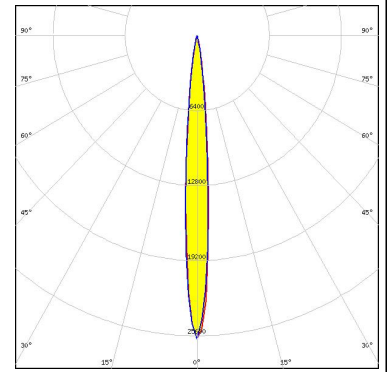
LED LUXEON C
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 86 %
 Peak intensity 14.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

LUMILEDS

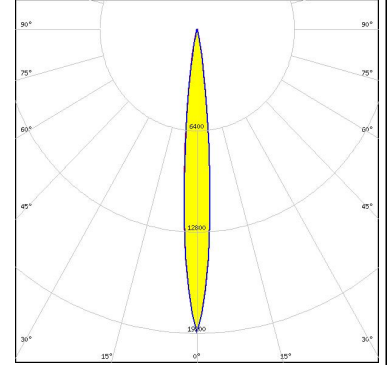
LED LUXEON CZ
 FWHM / FWTM 8.8° / 19.0°
 Efficiency 94 %
 Peak intensity 26 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

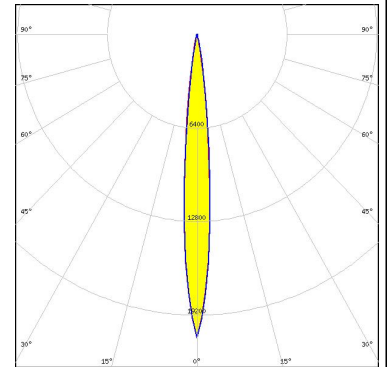
LED LUXEON HL1Z
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 88 %
 Peak intensity 19.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



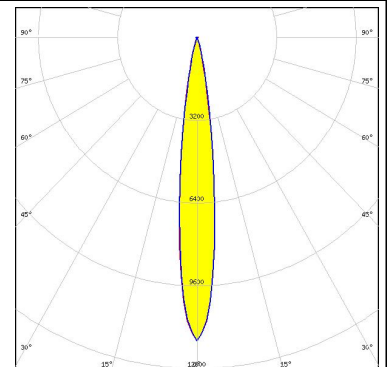
LUMILEDS

LED LUXEON HL1Z
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 20.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

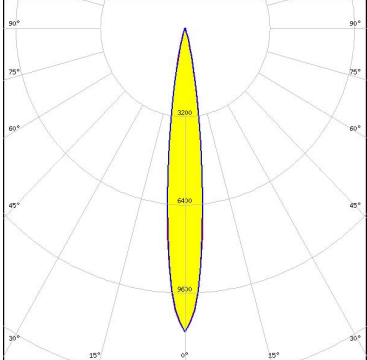
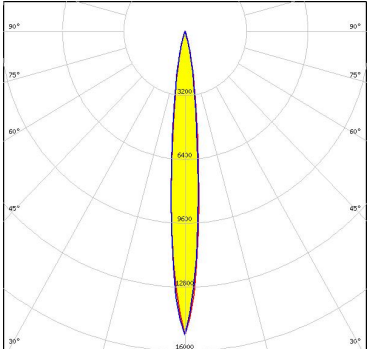
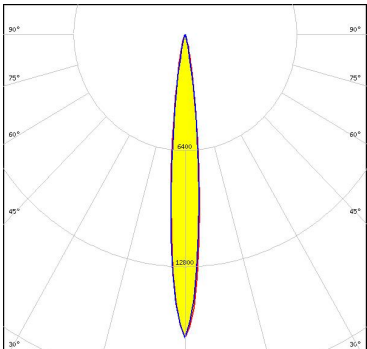
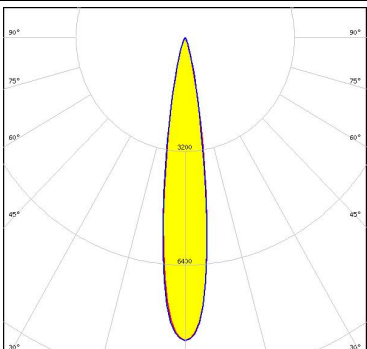


LUMILEDS

LED LUXEON HL2Z
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 97 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



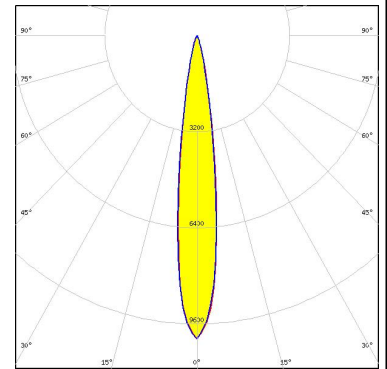
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON HL2Z</p> <p>FWHM / FWTM 14.0° / 26.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 11 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (150 deg)</p> <p>FWHM / FWTM 13.0° / 25.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 15.2 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 12.0° / 23.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 16 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON T</p> <p>FWHM / FWTM 16.0° / 31.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 8.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

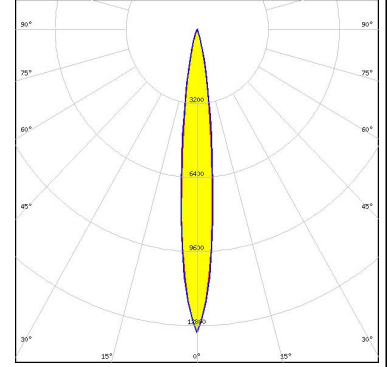
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 91 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



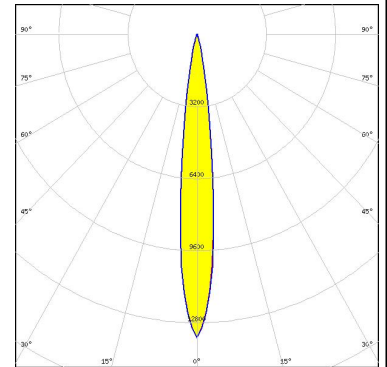
LUMINUS

LED SST-10-B130
 FWHM / FWTM 12.0° / 27.0°
 Efficiency 95 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



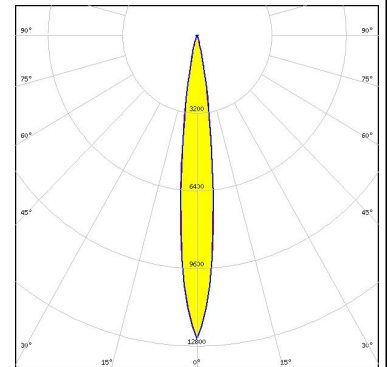
LUMINUS

LED SST-20
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 95 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

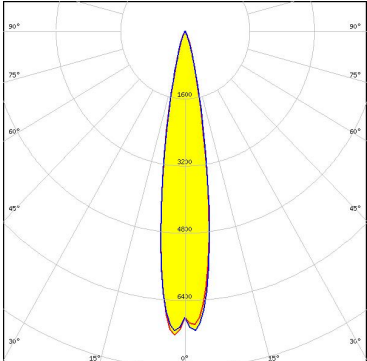
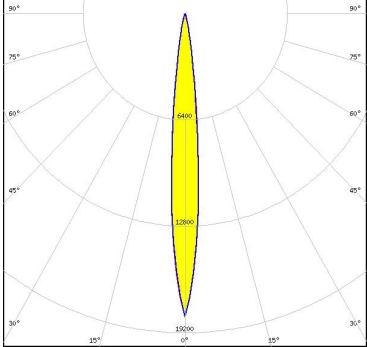
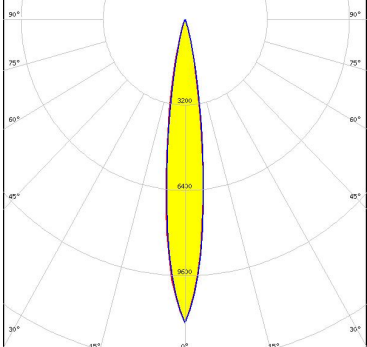
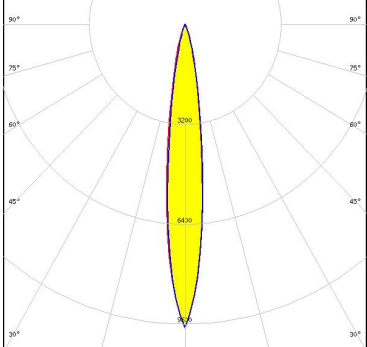


NICHIA

LED NVSxE21A
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 95 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

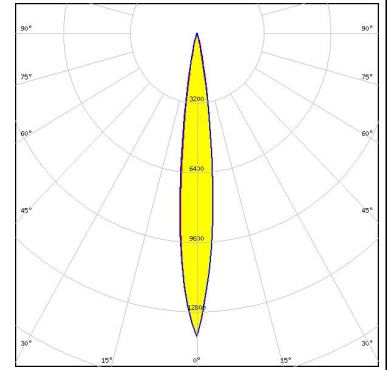
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 18.0° / 33.0° Efficiency 94 % Peak intensity 7.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030 FWHM / FWTM 10.0° / 22.0° Efficiency 95 % Peak intensity 18.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 150 FWHM / FWTM 14.0° / 28.0° Efficiency 96 % Peak intensity 11.4 cd/lm LEDs/each optic 1 Light colour Red Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 80 FWHM / FWTM 14.0° / 30.0° Efficiency 95 % Peak intensity 9.7 cd/lm LEDs/each optic 1 Light colour Red Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

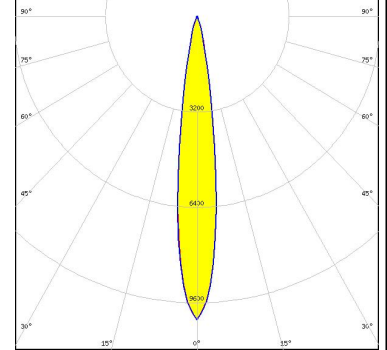
Opto Semiconductors

LED SFH 4715AS
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour IR
 Required components:



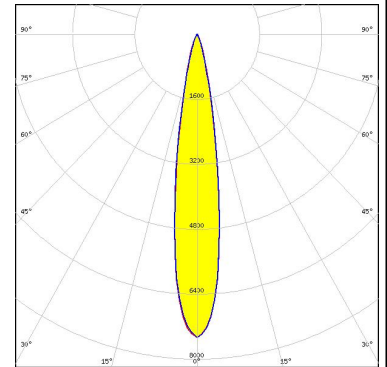
SAMSUNG

LED LH181B
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



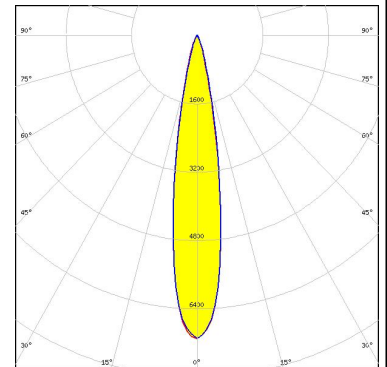
SAMSUNG

LED LH351B
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 97 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

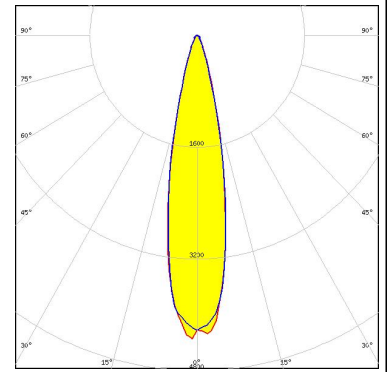
LED LH351C
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 97 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

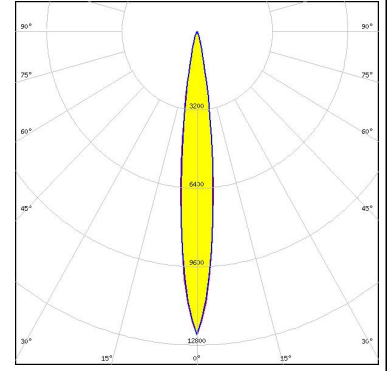
SAMSUNG

LED LH351D
 FWHM / FWTM 22.0° / 42.0°
 Efficiency 96 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



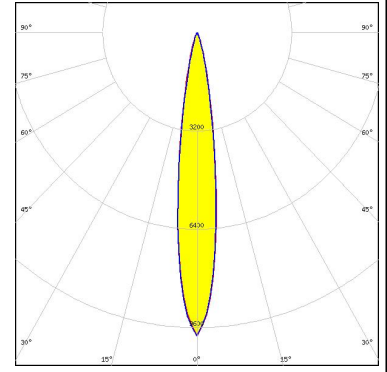
SAMSUNG

LED LM301B
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 96 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



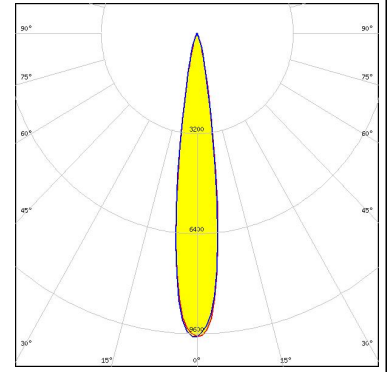
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030
 FWHM / FWTM 14.9° / 29.9°
 Efficiency 94 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 98 %
 Peak intensity 9.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y19</p> <p>FWHM / FWTM 14.0° / 26.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 11.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM / FWTM 16.9° / 33.1°</p> <p>Efficiency 94 %</p> <p>Peak intensity 7.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>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.

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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