

VIRPI-M

~30° medium beam

SPECIFICATION:

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

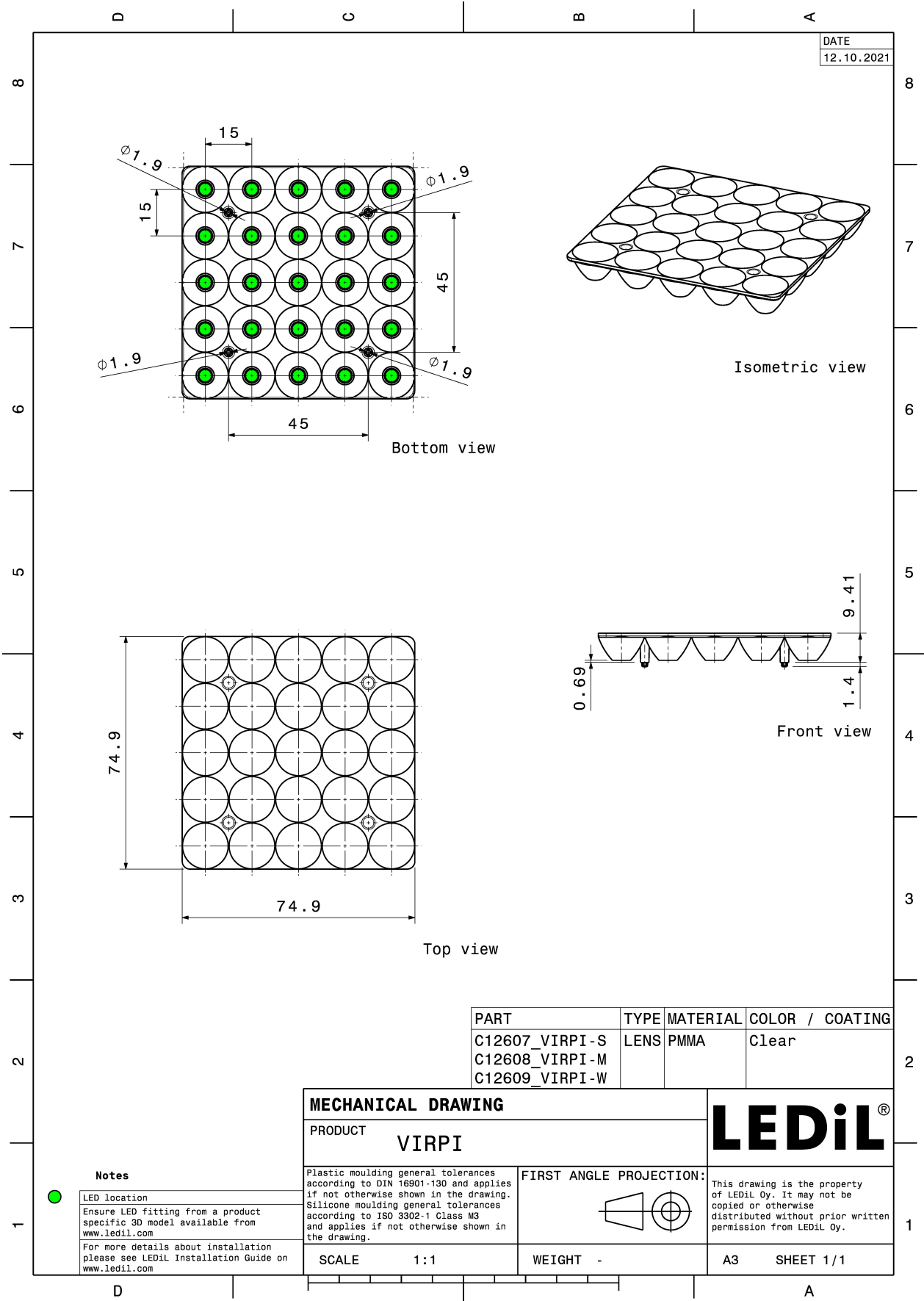
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12608_VIRPI-M » Box size: 480 x 280 x 300 mm	360	45	15	12.2



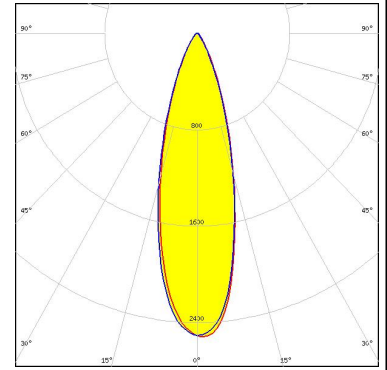


See also our general installation guide: www.ledil.com/installation_guide

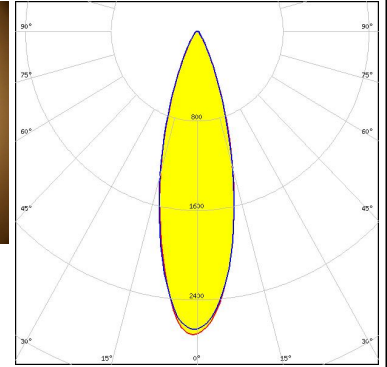
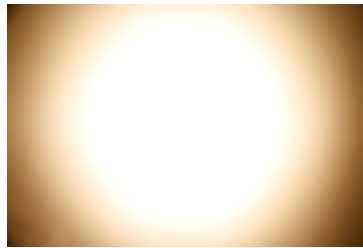
OPTICAL RESULTS (MEASURED):



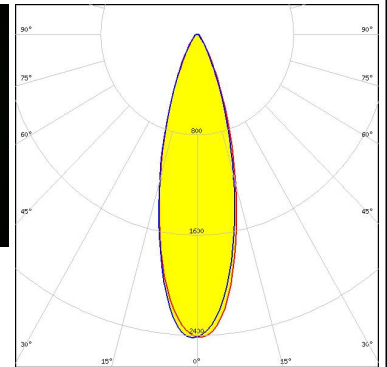
LED ML-E
 FWHM / FWTM 29.0° / 58.0°
 Efficiency 91 %
 Peak intensity 2.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



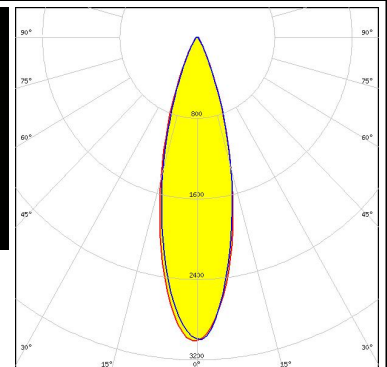
LED XB-D
 FWHM / FWTM 28.0° / 56.0°
 Efficiency 92 %
 Peak intensity 2.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED XH-B/G
 FWHM / FWTM 30.0° / 58.0°
 Efficiency 90 %
 Peak intensity 2.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



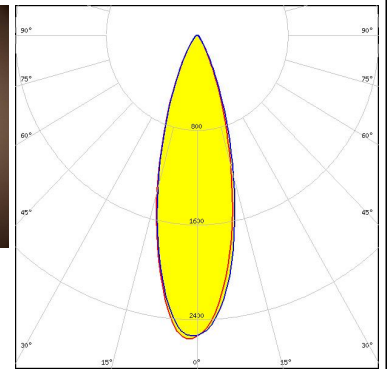
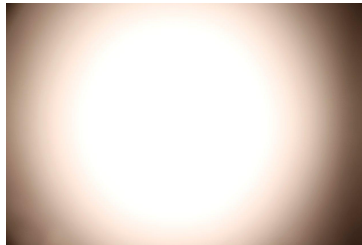
LED XP-E2
 FWHM / FWTM 28.0° / 52.0°
 Efficiency 91 %
 Peak intensity 3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



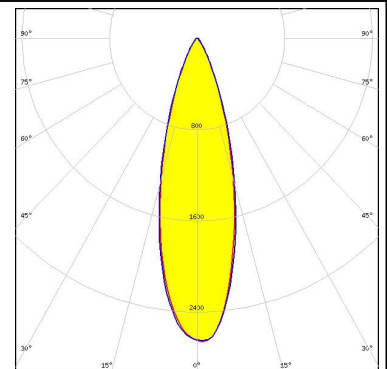
OPTICAL RESULTS (MEASURED):



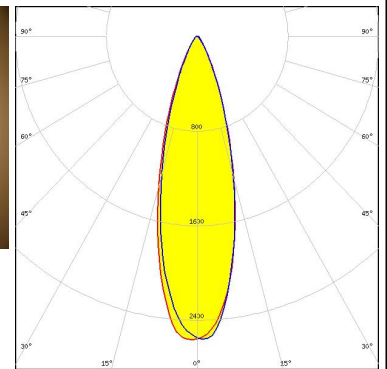
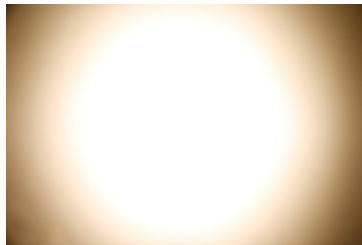
LED XP-G
 FWHM / FWTM 29.0° / 58.0°
 Efficiency 92 %
 Peak intensity 2.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



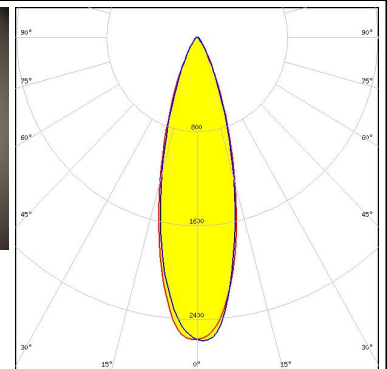
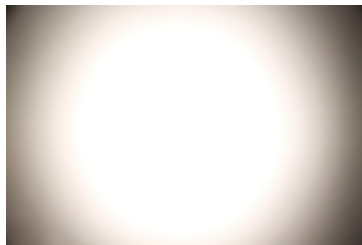
LED XP-G2
 FWHM / FWTM 29.0° / 56.0°
 Efficiency 91 %
 Peak intensity 2.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:




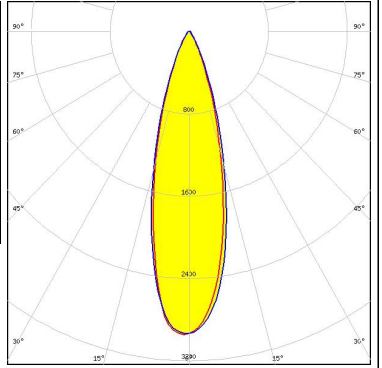
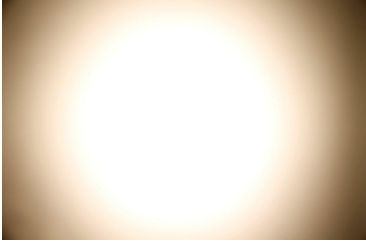
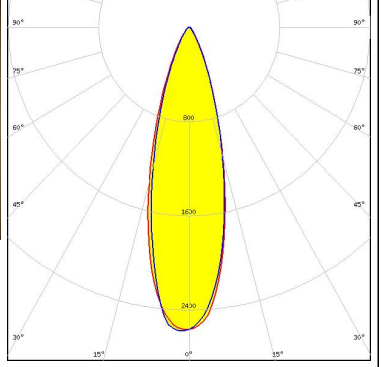

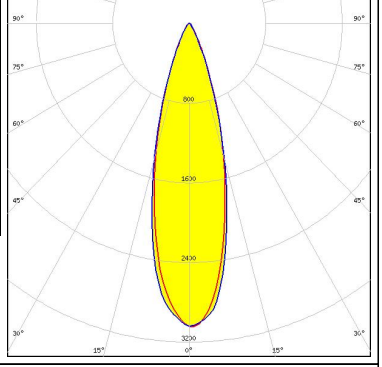

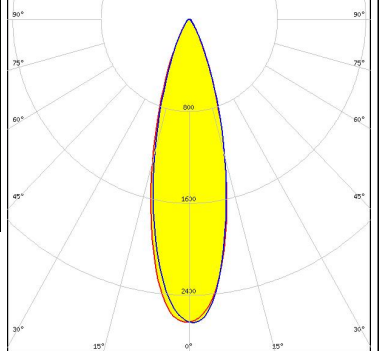
LED XT-E
 FWHM / FWTM 29.0° / 57.0°
 Efficiency 91 %
 Peak intensity 2.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Rebel ES
 FWHM / FWTM 28.0° / 57.0°
 Efficiency 91 %
 Peak intensity 2.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

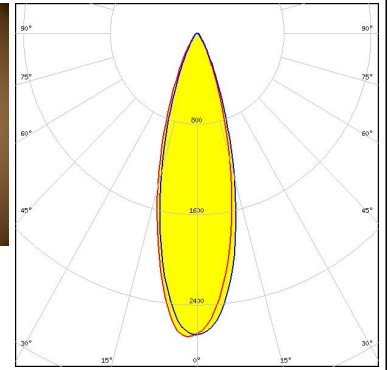
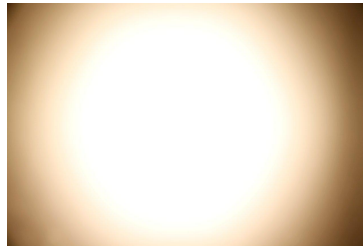
<p>NICHIA</p> <p>LED NF2x757A FWHM / FWTM 28.0° / 53.0° Efficiency 92 % Peak intensity 2.9 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 29.0° / 56.0° Efficiency 90 % Peak intensity 2.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S5 (Single chip) FWHM / FWTM 28.0° / 51.0° Efficiency 92 % Peak intensity 3.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 2226 FWHM / FWTM 29.0° / 56.0° Efficiency 90 % Peak intensity 2.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

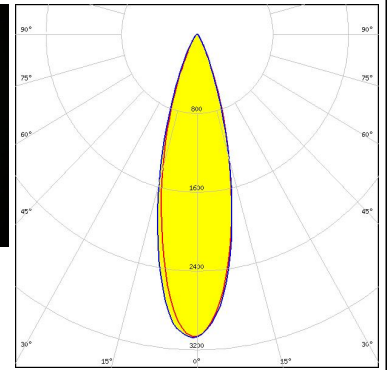
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 28.0° / 55.0°
Efficiency 91 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

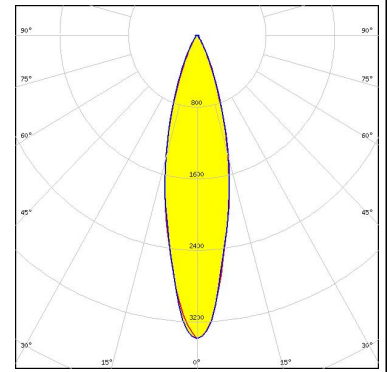
LED LM231 A/B
FWHM / FWTM 28.0° / 52.0°
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



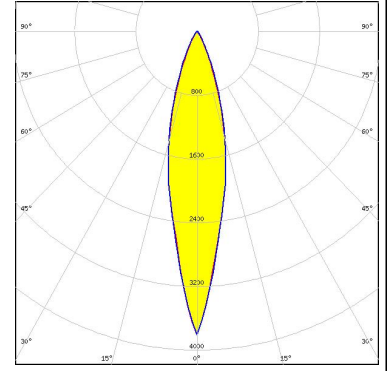
OPTICAL RESULTS (SIMULATED):



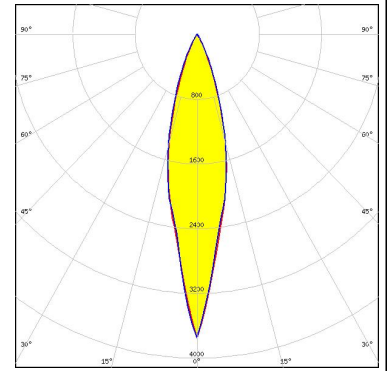
LED J Series 3030
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 95 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



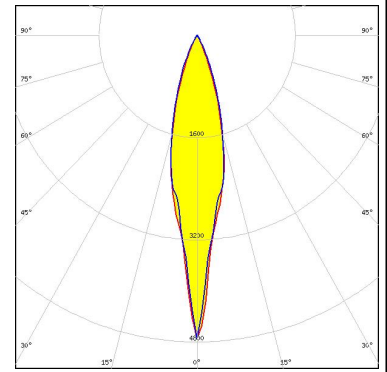
LED LUXEON 2835 Line
 FWHM / FWTM 22.0° / 51.0°
 Efficiency 95 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



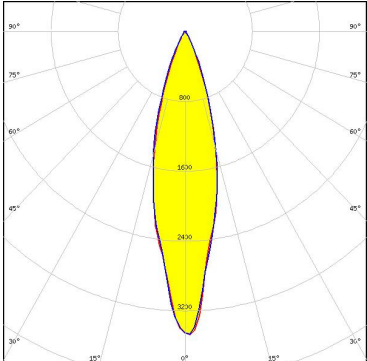
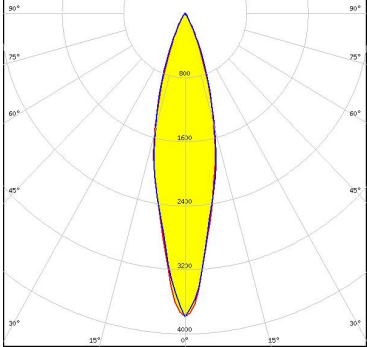
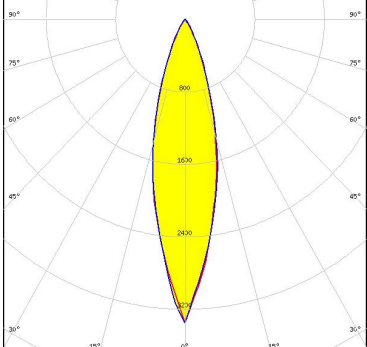
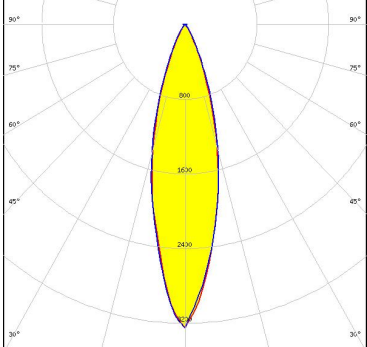
LED LUXEON C
 FWHM / FWTM 23.0° / 50.0°
 Efficiency 86 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON CZ
 FWHM / FWTM 20.0° / 48.0°
 Efficiency 94 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



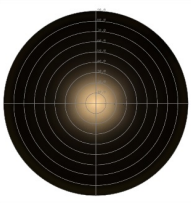
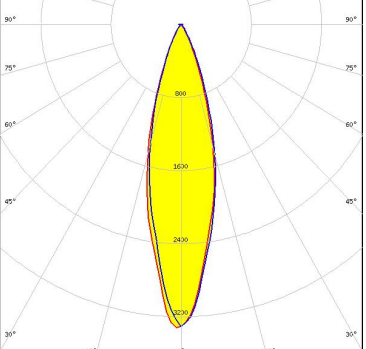
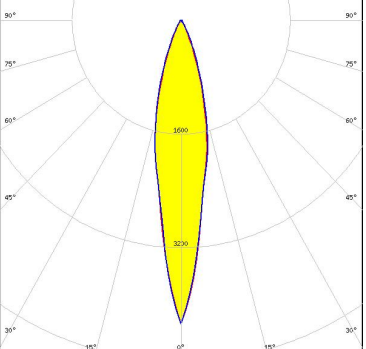
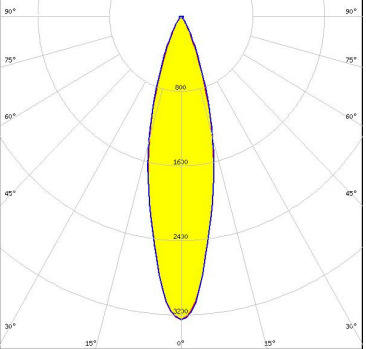
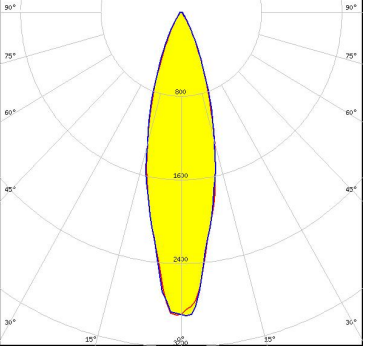
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (150 deg)</p> <p>FWHM / FWTM 27.0° / 51.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 3.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON SunPlus 35 Line</p> <p>FWHM / FWTM 26.0° / 50.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 3.6 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 26.0° / 53.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 3.4 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 27.0° / 53.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 3.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMINUS</p> <p>LED SST-10-B130 FWHM / FWTM 24.0° / 51.0° Efficiency 94 % Peak intensity 3.8 cd/lm LEDs/each optic 1 Light colour Red Required components:</p>	
<p>LUMINUS</p> <p>LED SST-20 FWHM / FWTM 24.0° / 51.0° Efficiency 94 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 27.0° / 55.0° Efficiency 94 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030 FWHM / FWTM 22.0° / 50.0° Efficiency 95 % Peak intensity 4.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

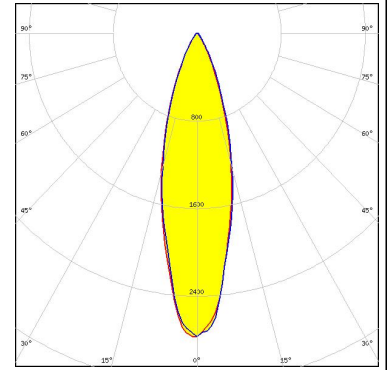
OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: 26.0° / 52.0° Efficiency: 93 % Peak intensity: 3.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	 <p>Detector Image: Luminous Intensity</p> <p>OSRAM - OSOLON Square CSSRM2/CSSRM3 Detector: OSOLON Square CSSRM2/CSSRM3 Peak Intensity: 3.4 cd/lm Total Power: 1.2718542 lumens</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4715AS FWHM / FWTM: 20.0° / 48.0° Efficiency: 94 % LEDs/each optic: 1 Light colour: IR Required components:</p>		
<p>SAMSUNG</p> <p>LED: LH181B FWHM / FWTM: 26.0° / 53.0° Efficiency: 93 % Peak intensity: 3.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>SAMSUNG</p> <p>LED: LH351B FWHM / FWTM: 27.0° / 56.0° Efficiency: 94 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

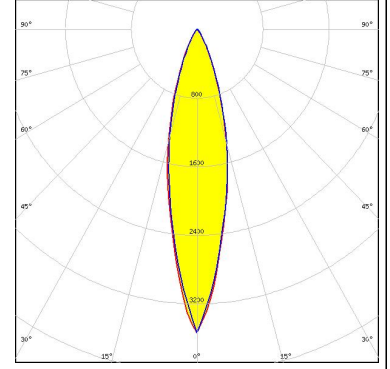
SAMSUNG

LED LH351C
 FWHM / FWTM 28.0° / 57.0°
 Efficiency 94 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



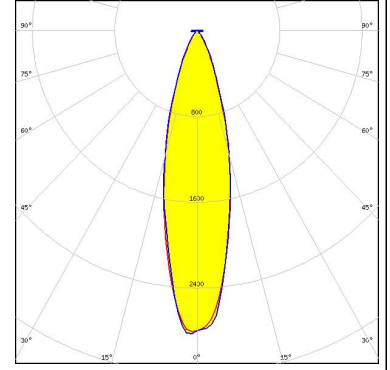
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030
 FWHM / FWTM 24.0° / 52.0°
 Efficiency 94 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM / FWTM 26.4° / 55.1°
 Efficiency 94 %
 Peak intensity 2.9 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

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