

VIRPI-M

~30° medium beam

TECHNICAL SPECIFICATIONS:

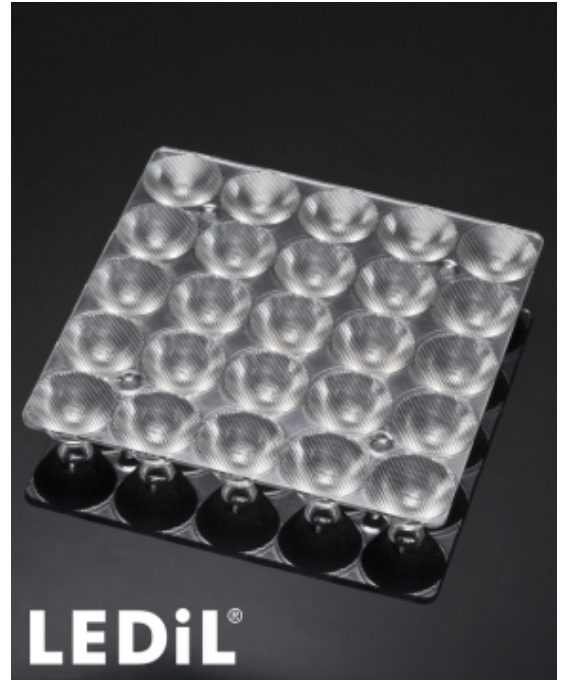
Dimensions	74.9 x 74.9 mm
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

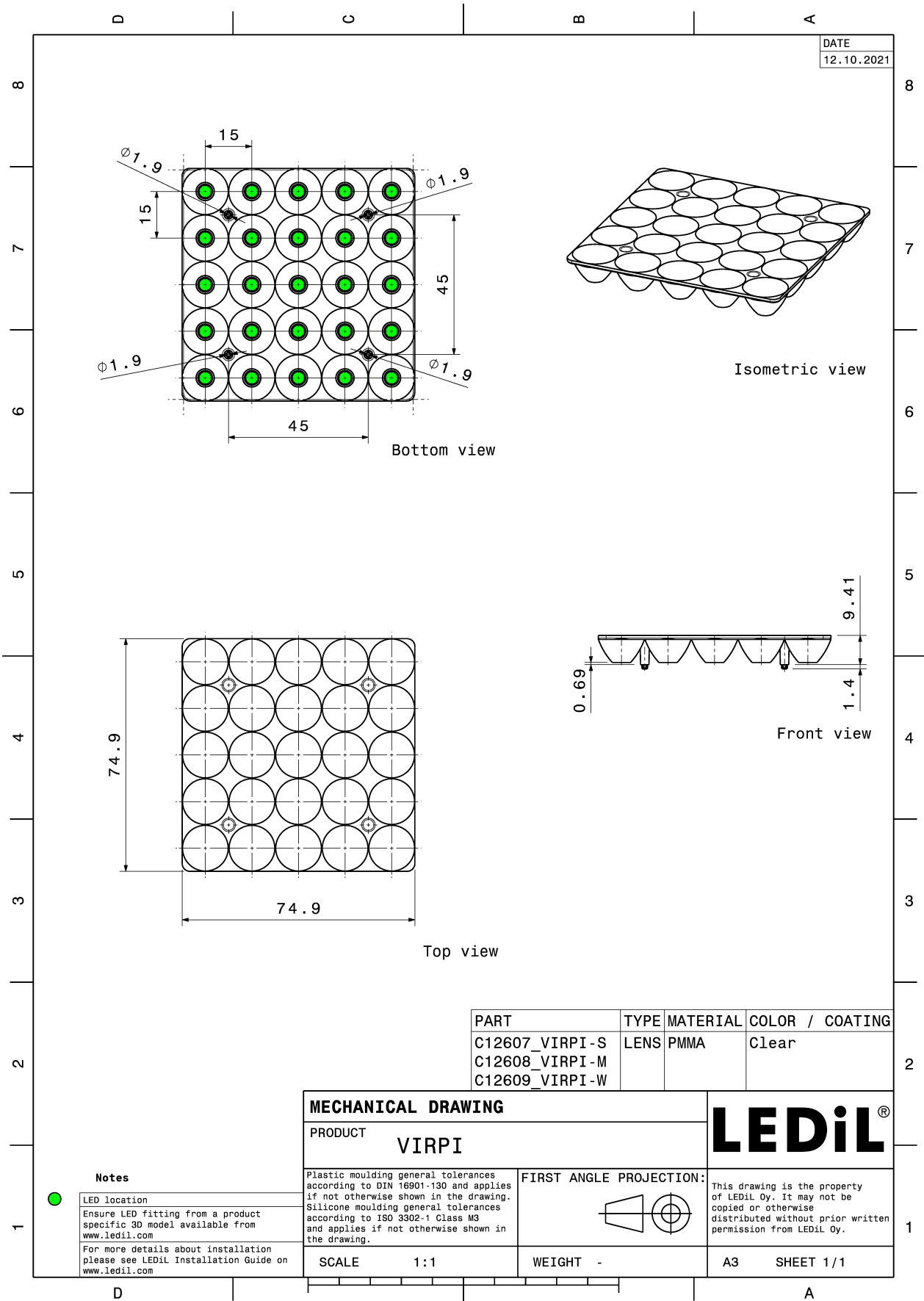
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

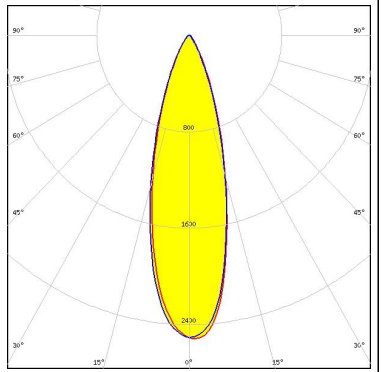

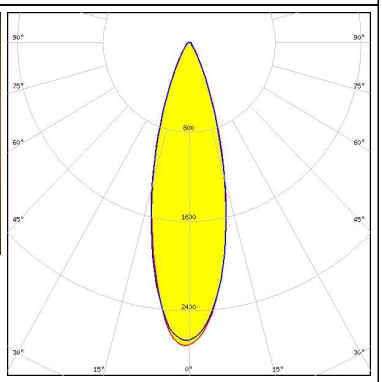

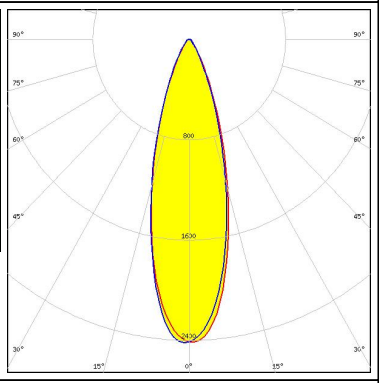

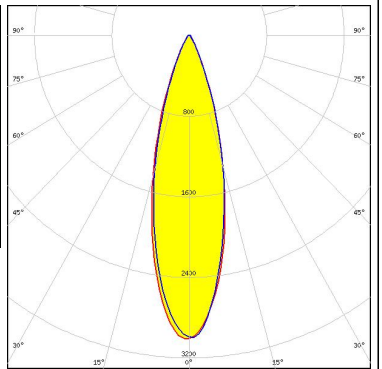
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12608_VIRPI-M » Box size: 480 x 280 x 300 mm	360	45	15	12.2




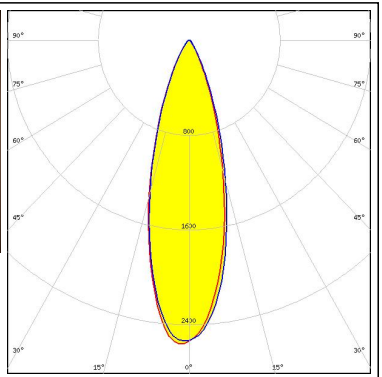
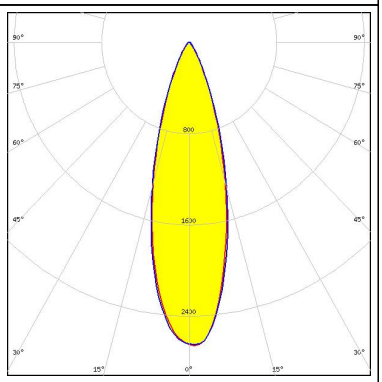
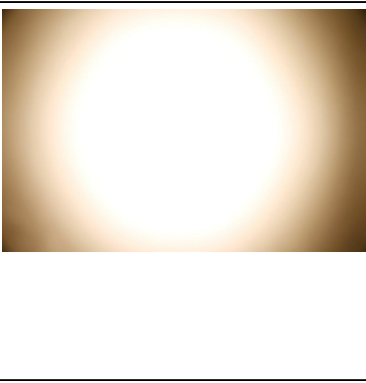
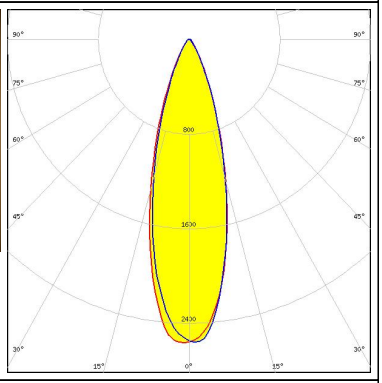
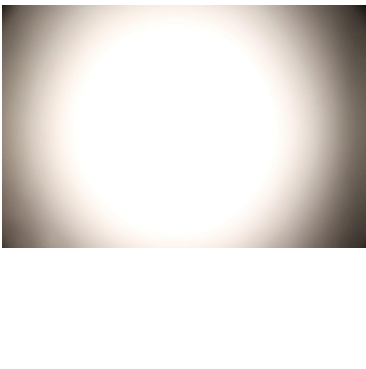
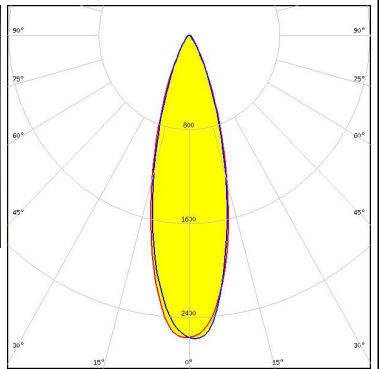


See also our general installation guide: www.ledil.com/installation_guide


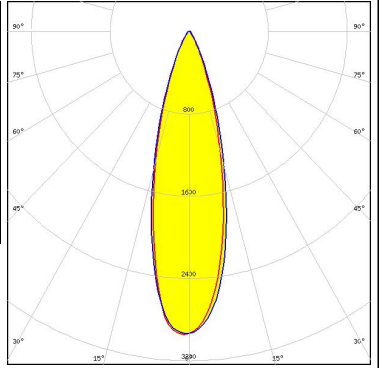
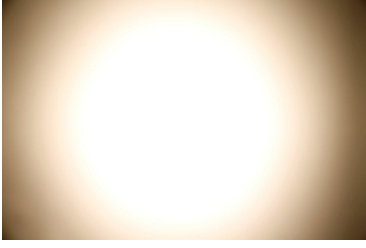
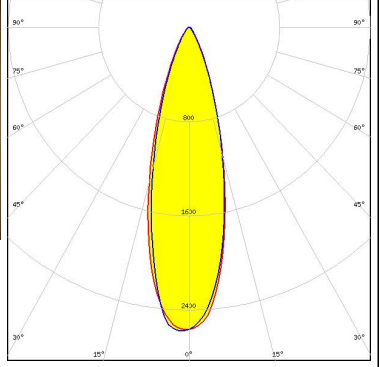

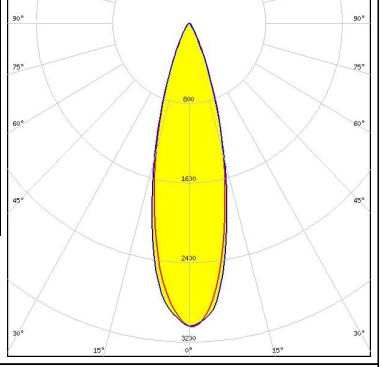

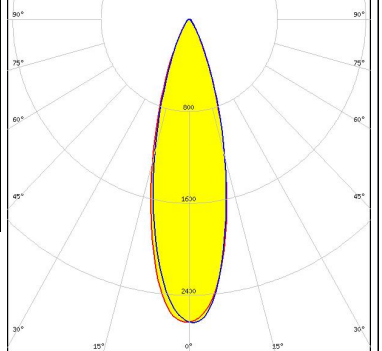
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		

PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>LUMILEDS</p> <p>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:</p>		

PHOTOMETRIC DATA (MEASURED):

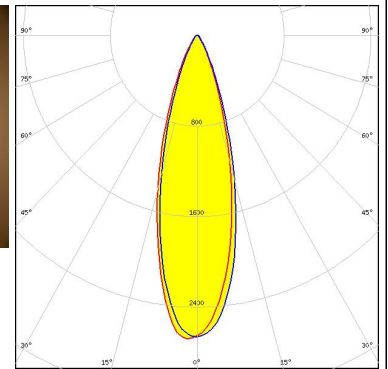
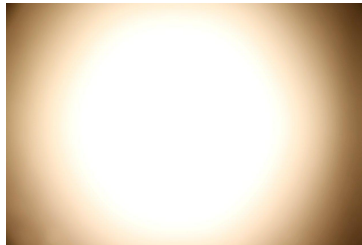
<p>NICHIA</p> <p>LED NF2x757A FWHM / FWTM 28.0° / 53.0° Efficiency 92 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 29.0° / 56.0° Efficiency 90 % Peak intensity 2.6 cd/lm LEDs/each optic 1 Light colour White Required 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/lm 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/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

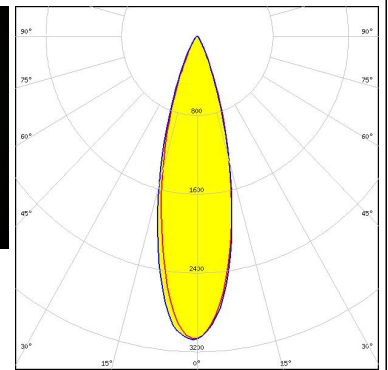
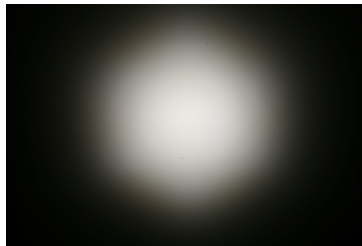
Opto Semiconductors

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

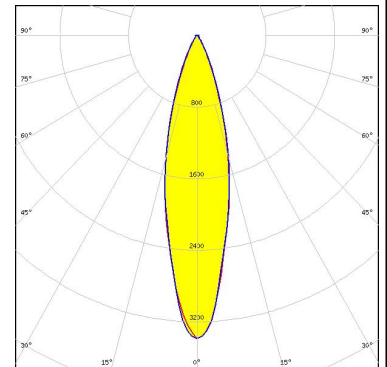
LED LM231 A/B
FWHM / FWTM 28.0° / 52.0°
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



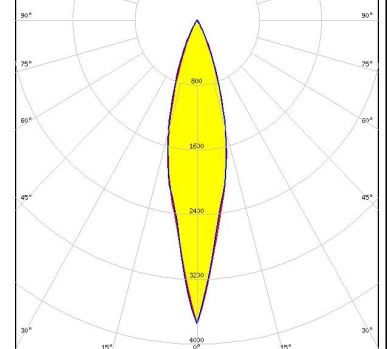
PHOTOMETRIC DATA (SIMULATED):



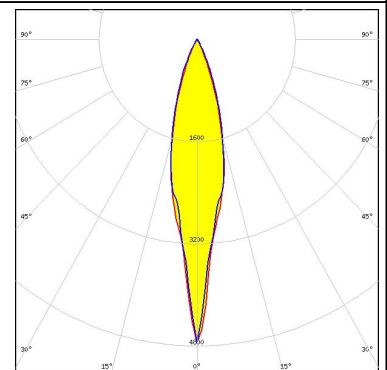
LED J Series 3030
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 95 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



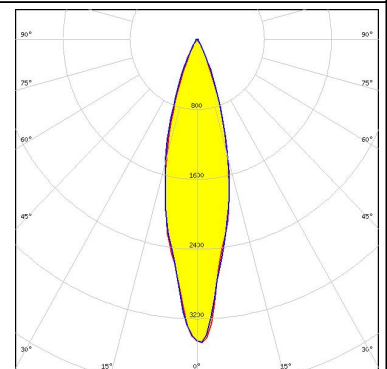
LED LUXEON C
 FWHM / FWTM 23.0° / 50.0°
 Efficiency 86 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



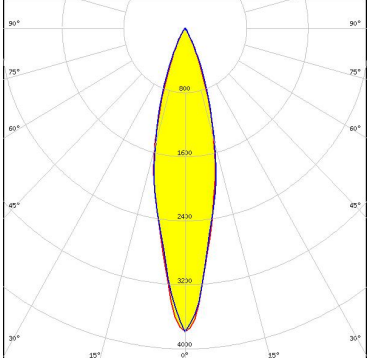
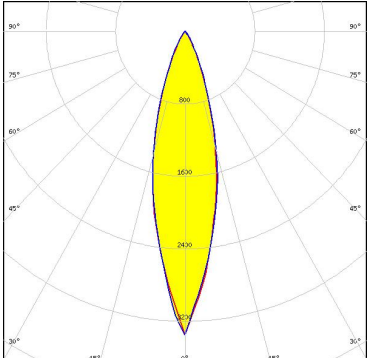
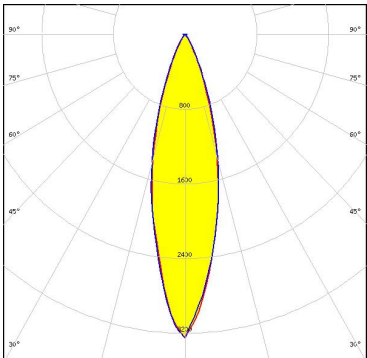
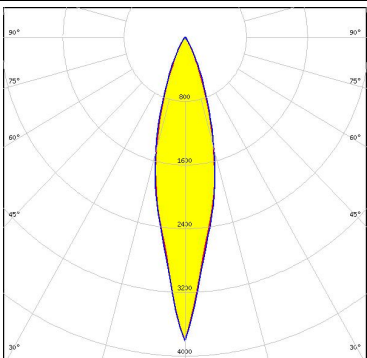
LED LUXEON CZ
 FWHM / FWTM 20.0° / 48.0°
 Efficiency 94 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




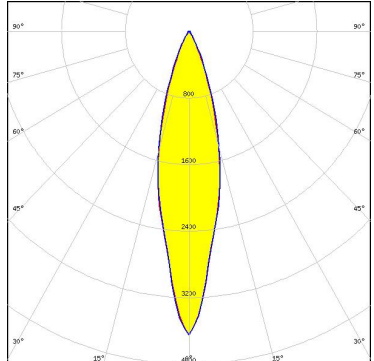

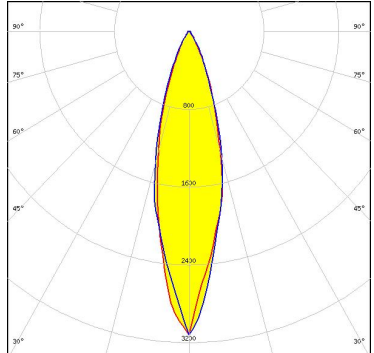

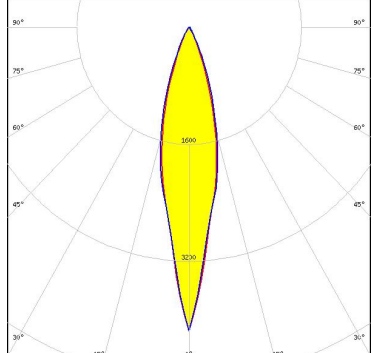

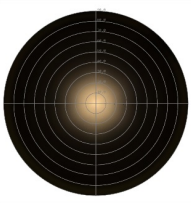
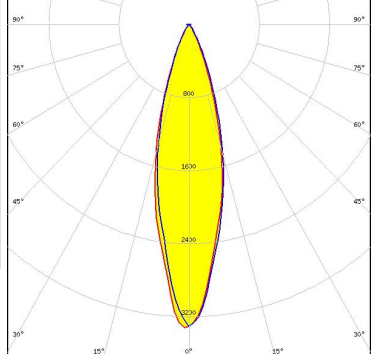
LED LUXEON SunPlus 20 Line (150 deg)
 FWHM / FWTM 27.0° / 51.0°
 Efficiency 88 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<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>	
<p>LUMINUS</p> <p>LED SST-10-B130</p> <p>FWHM / FWTM 24.0° / 51.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 3.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Red</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

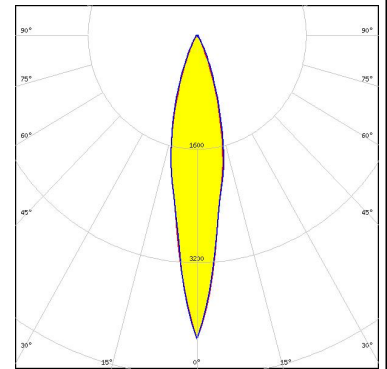
 <p>LED SST-20 FWHM / FWTM 24.0° / 51.0° Efficiency 94 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 27.0° / 55.0° Efficiency 94 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 <p>Opto Semiconductors 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>		
 <p>Opto Semiconductors LED OSLOM 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 OSCONIQ - osram sample file 24-3-2020 Detector by: UCCO Surface 1: File: 0101 - 0101 - 0101 - 0101 - 0101 - 0101 Peak Intensity: 3.4299 cd/lm Total Power: 1.000000 lumens</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

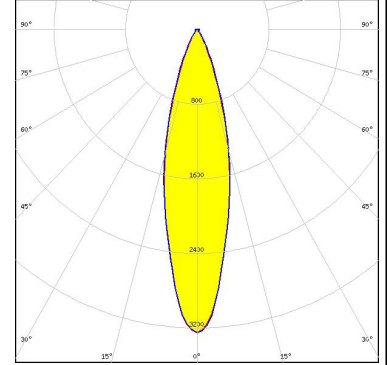
Opto Semiconductors

LED SFH 4715AS
 FWHM / FWTM 20.0° / 48.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour IR
 Required components:



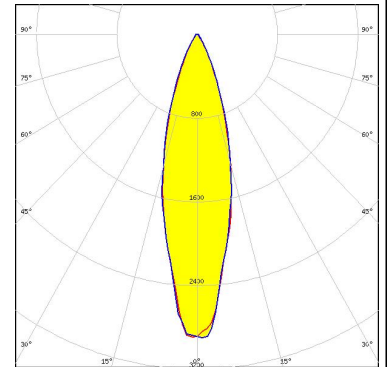
SAMSUNG

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:



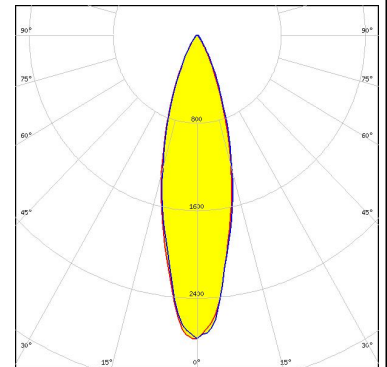
SAMSUNG

LED LH351B
 FWHM / FWTM 27.0° / 56.0°
 Efficiency 94 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

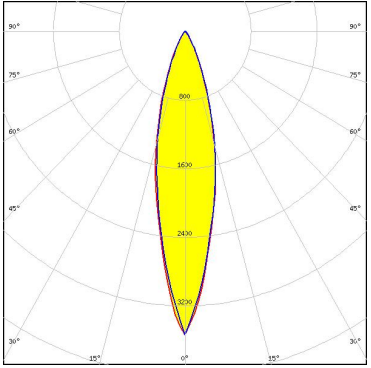

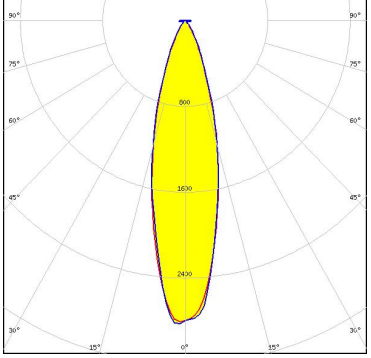


SAMSUNG

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:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SEOUL DC 3030 24.0° / 52.0° 94 % 3.5 cd/lm 1 White	
 SEOUL SEMICONDUCTOR	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z8Y22 26.4° / 55.1° 94 % 2.9 cd/lm 1 White	

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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