

VIRPI-M

~30° medium beam

SPECIFICATION:

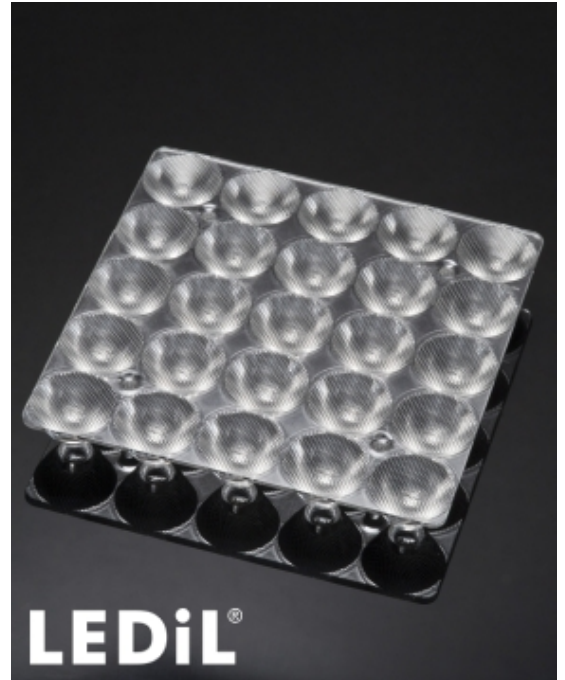
Dimensions	74.9 x 74.9 mm
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

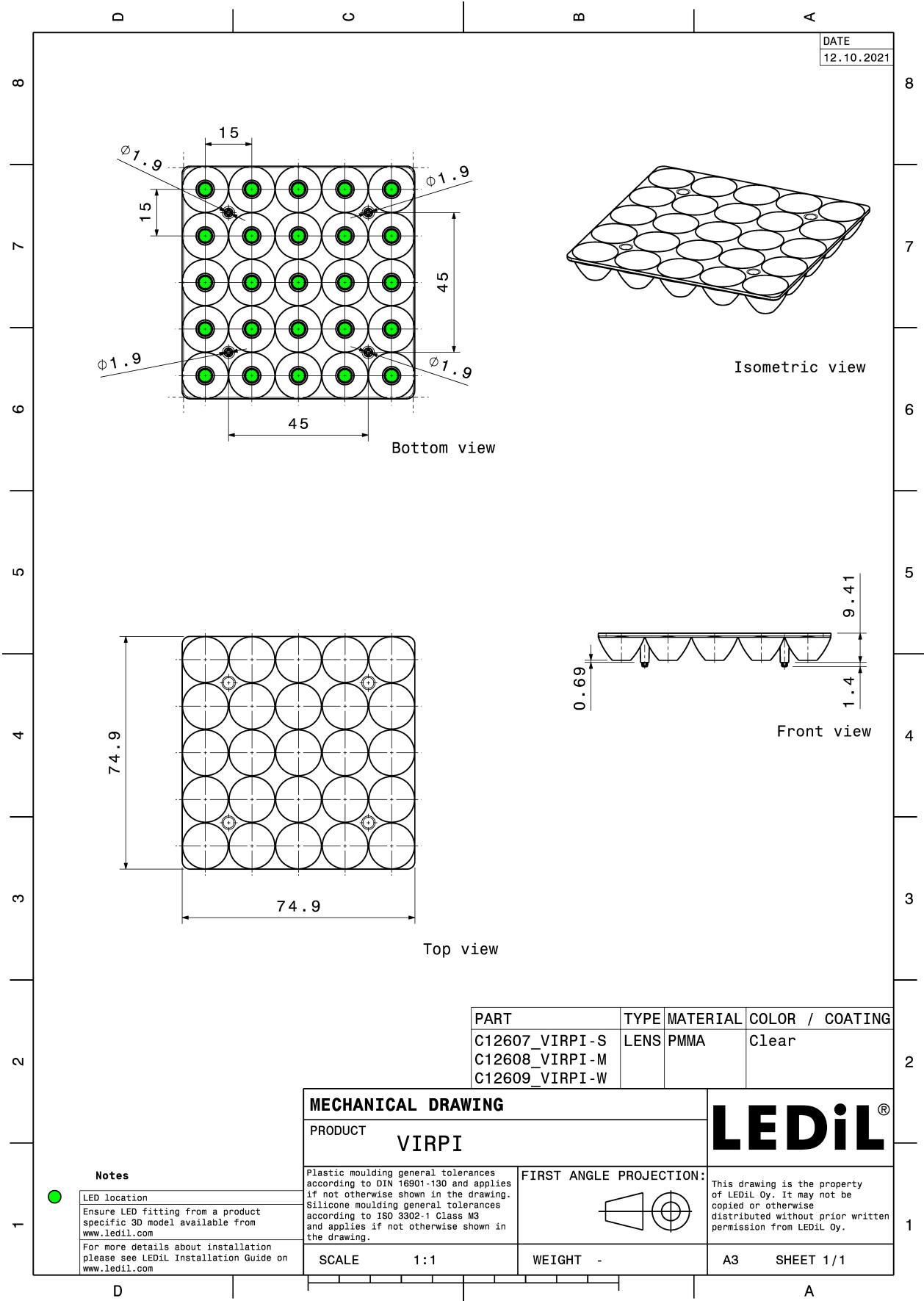
MATERIALS:

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



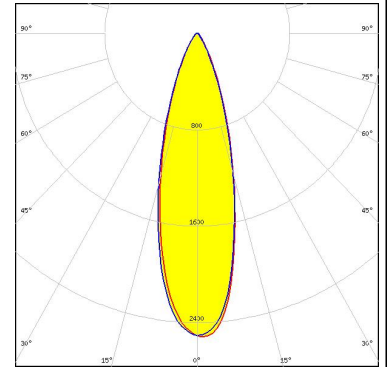


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

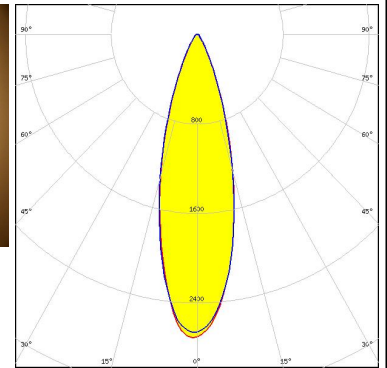
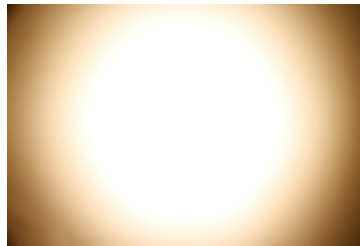
CREE → LED

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:



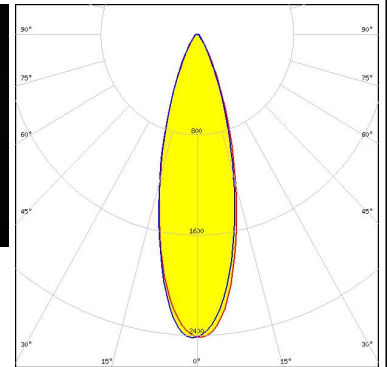
CREE → LED

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:



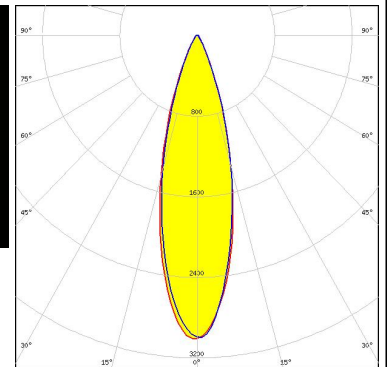
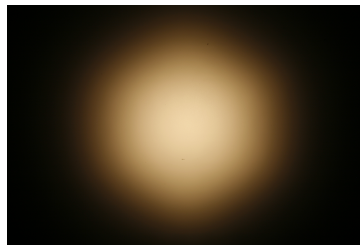
CREE → LED

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:



CREE → LED

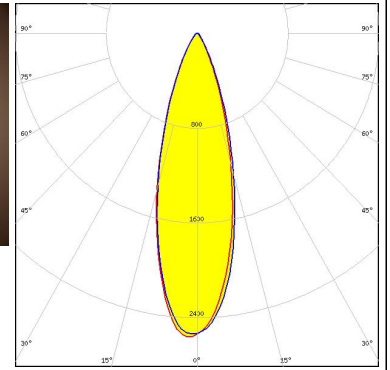
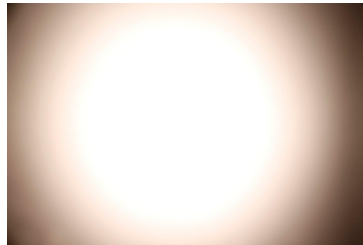
LED XP-E2
 FWHM / FWTM 28.0° / 52.0°
 Efficiency 91 %
 Peak intensity 3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

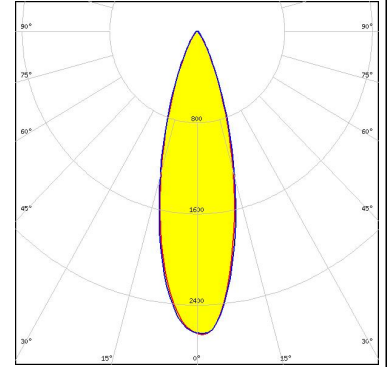
CREE LED

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:



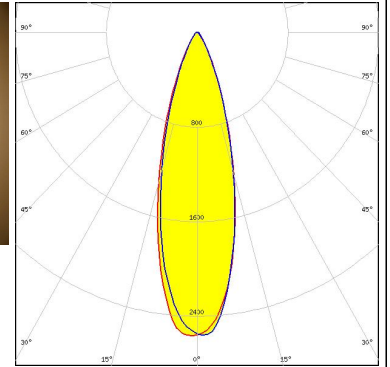
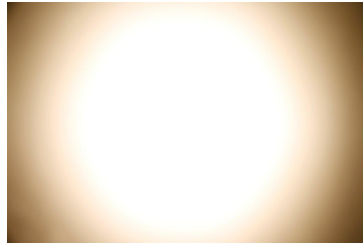
CREE LED

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:



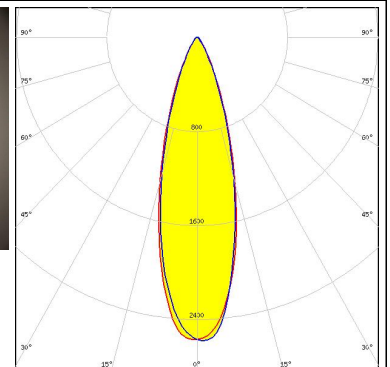
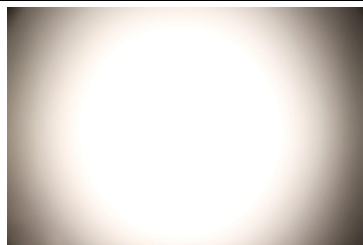
CREE LED

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:


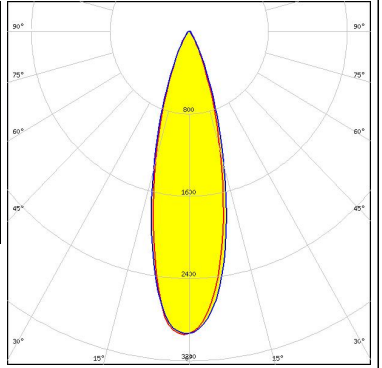
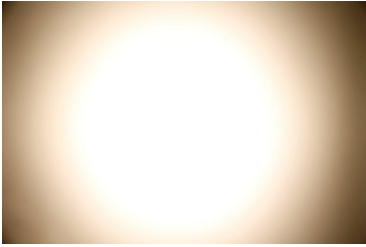
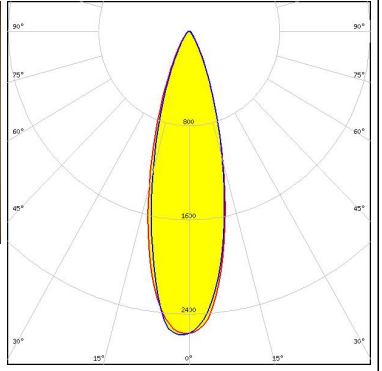
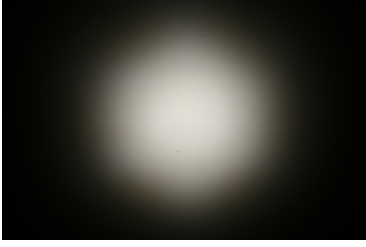
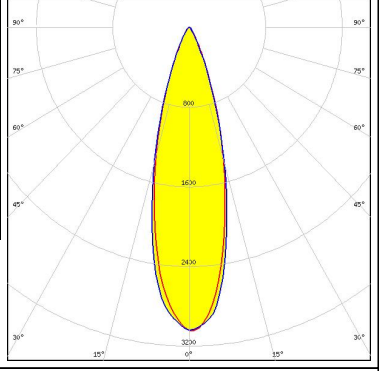

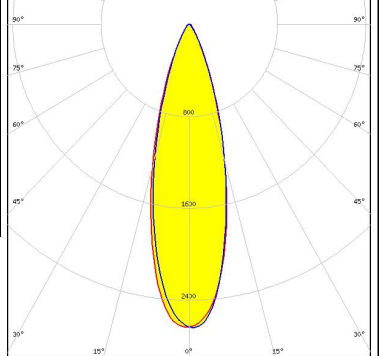


LUMILEDS

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):

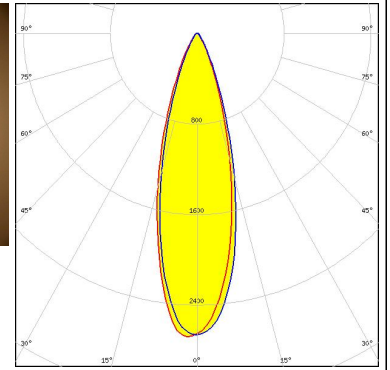
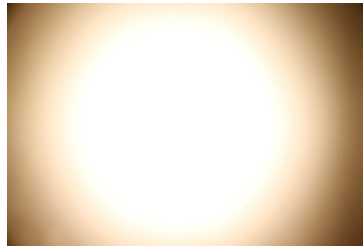
<p>NICHIA</p> <p>LED NF2x757A FWHM / FWTM 28.0° / 53.0° Efficiency 92 % Peak intensity 2.9 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 29.0° / 56.0° Efficiency 90 % Peak intensity 2.6 cd/m LEDs/each optic 1 Light colour White Required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

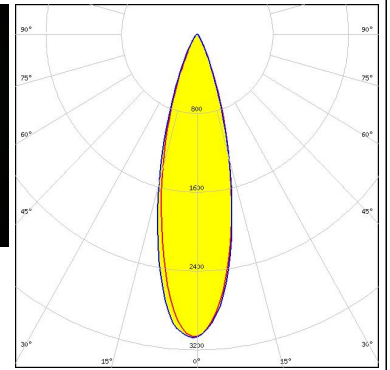
Opto Semiconductors

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

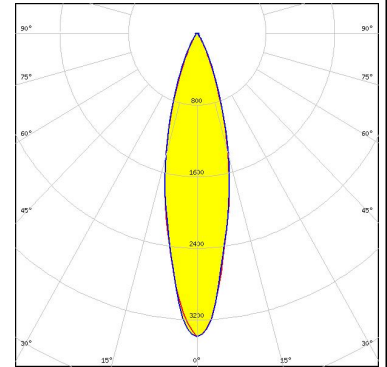
LED LM231 A/B
FWHM / FWTM 28.0° / 52.0°
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



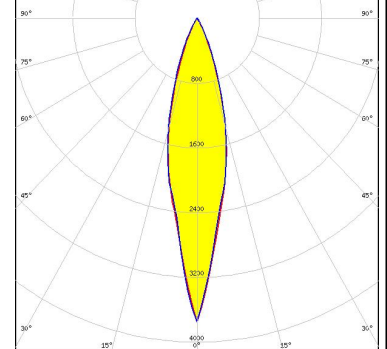
OPTICAL RESULTS (SIMULATED):



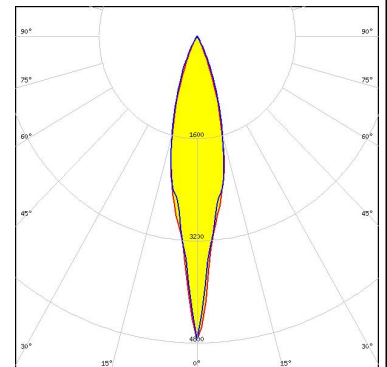
LED J Series 3030
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 95 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



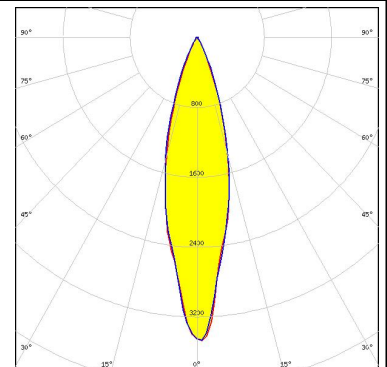
LED LUXEON C
 FWHM / FWTM 23.0° / 50.0°
 Efficiency 86 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



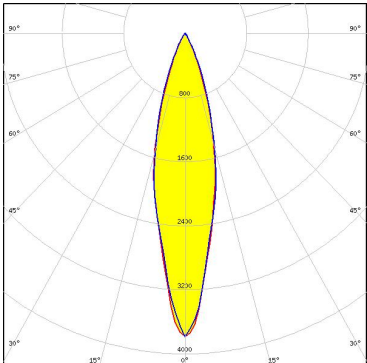
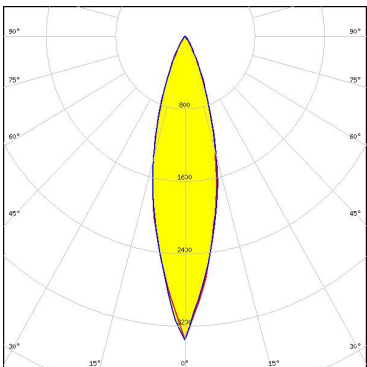
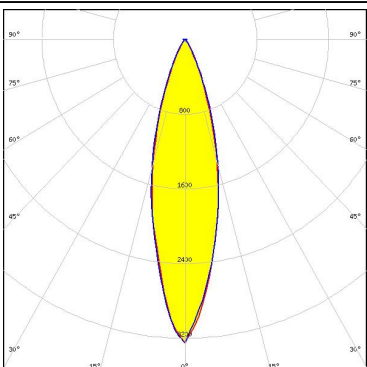
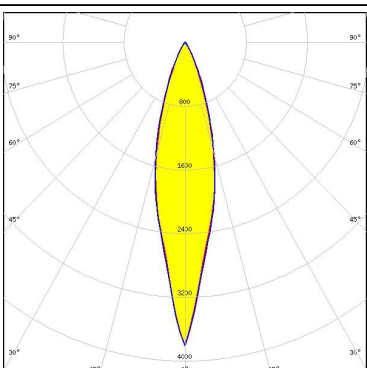
LED LUXEON CZ
 FWHM / FWTM 20.0° / 48.0°
 Efficiency 94 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



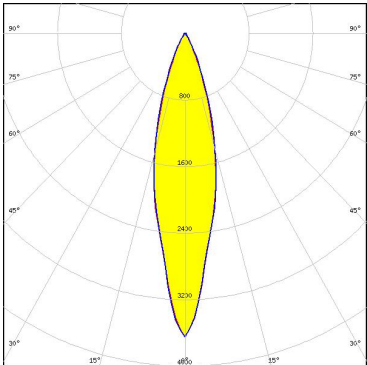
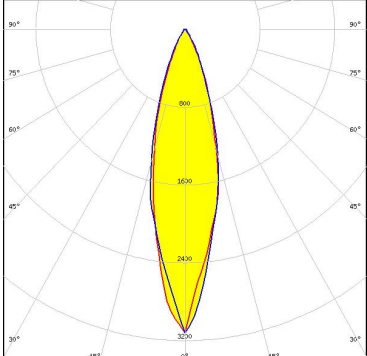
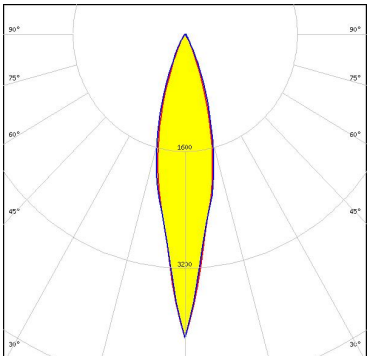
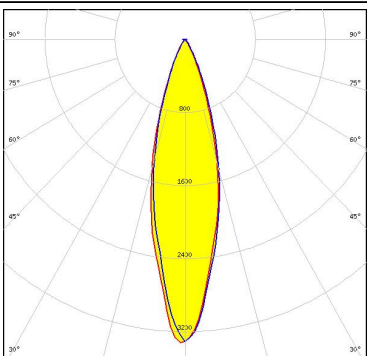
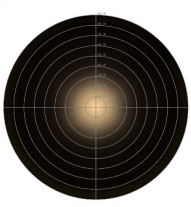
LED LUXEON SunPlus 20 Line (150 deg)
 FWHM / FWTM 27.0° / 51.0°
 Efficiency 88 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (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>	

OPTICAL RESULTS (SIMULATED):

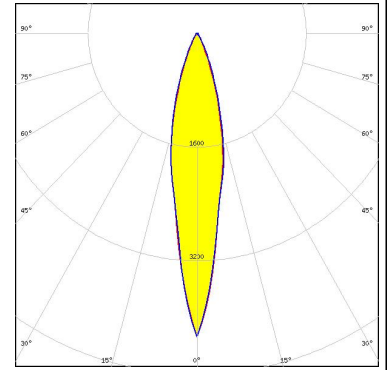
<p>LUMINUS</p> <p>LED SST-20 FWHM / FWTM 24.0° / 51.0° Efficiency 94 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 27.0° / 55.0° Efficiency 94 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White 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>	
<p>OSRAM Opto Semiconductors</p> <p>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>	<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;">  <p style="font-size: 8px;"> Detector Image: Luminous Intensity Date: 2023-02-13 Detector: 1000 Surface 1 File: C:\Users\ledil\OneDrive\Documents\LEDiL\OSRAM\OSRAM OSLOM Square CSSRM2/CSSRM3 Peak Intensity: 3.400000 Lumen/steradian Total Power: 0.000000 Lumens </p> </div> </div>

OPTICAL RESULTS (SIMULATED):

OSRAM

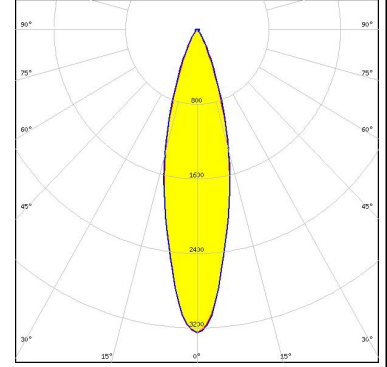
Opto Semiconductors

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



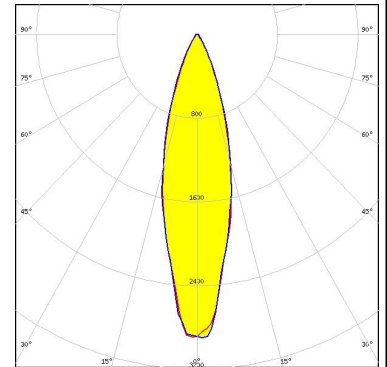
SAMSUNG

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:



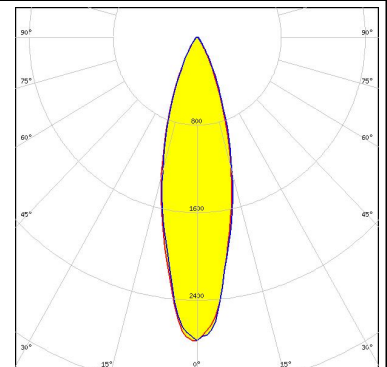
SAMSUNG

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:



OPTICAL RESULTS (SIMULATED):

 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

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