

## VIRPI-M

~30° medium beam

### TECHNICAL SPECIFICATIONS:

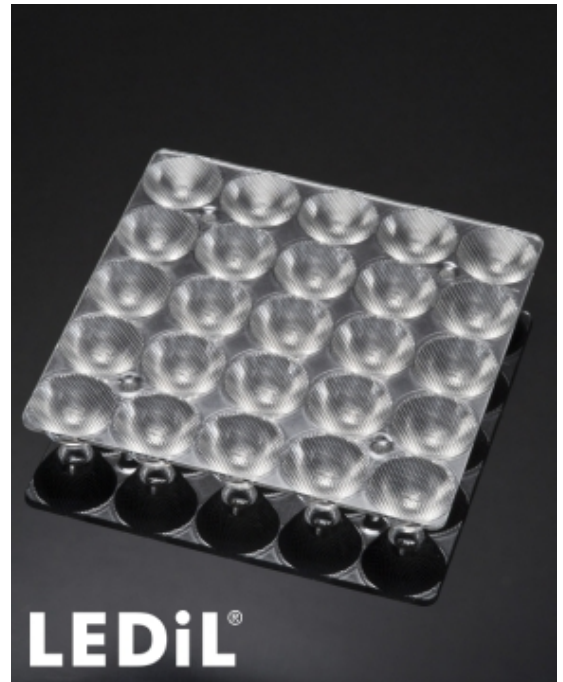
Dimensions	74.9 x 74.9 mm
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

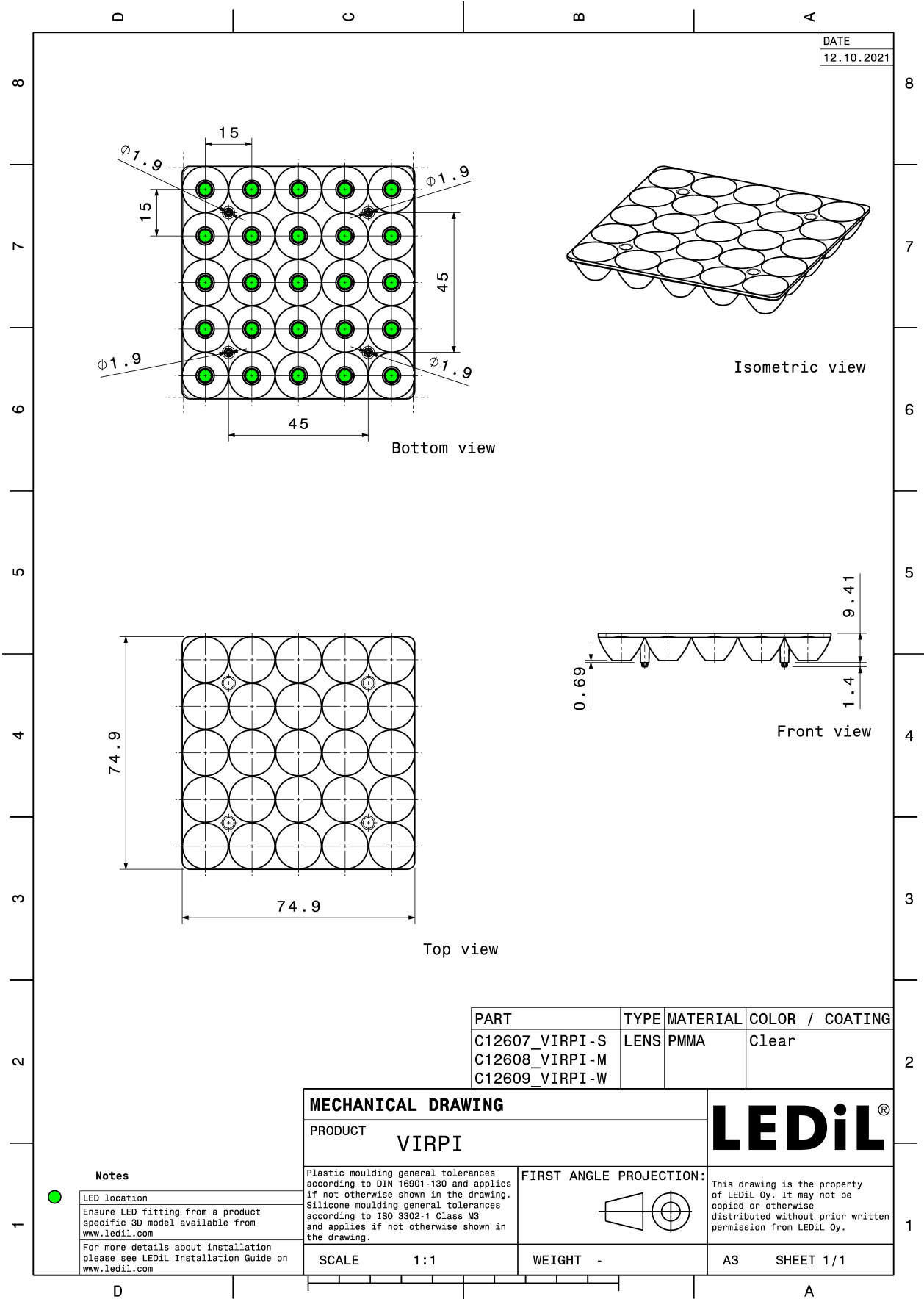
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

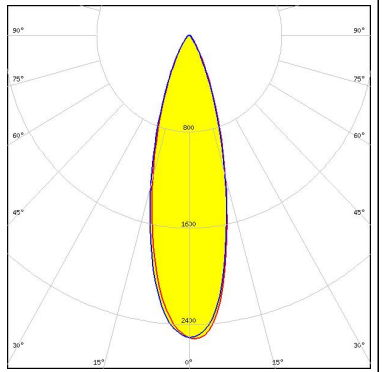

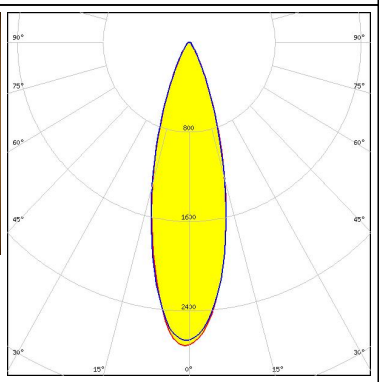

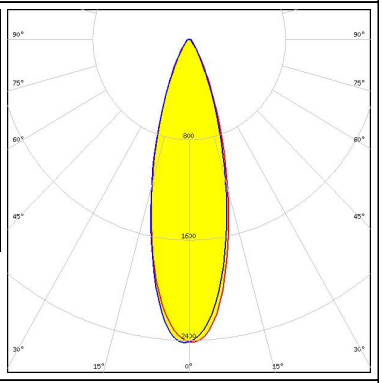

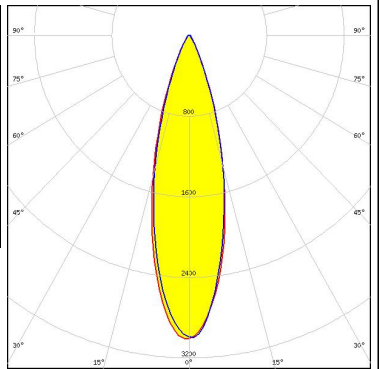
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12608_VIRPI-M » Box size: 480 x 280 x 300 mm	360	45	15	12.2



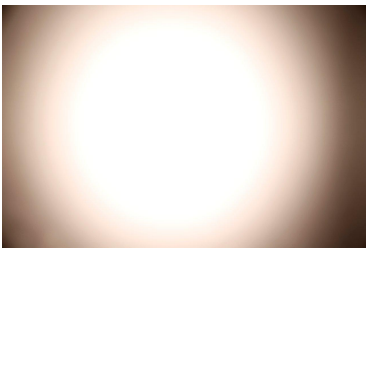
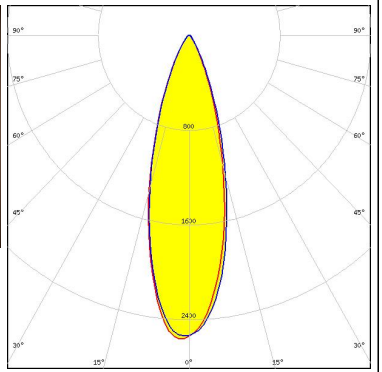

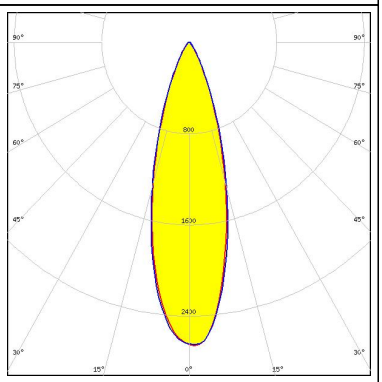
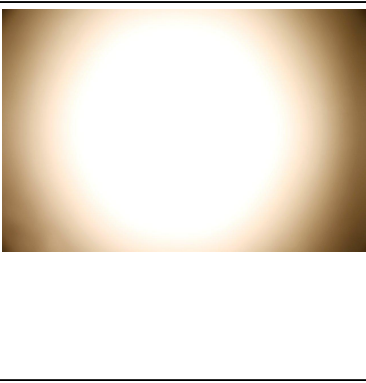
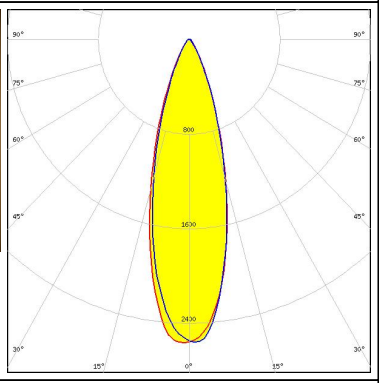
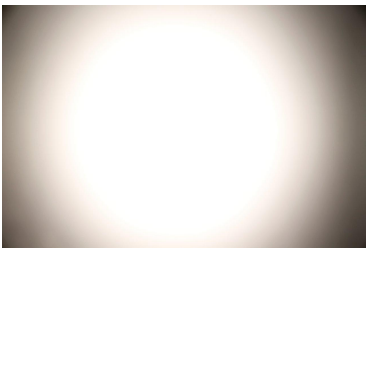
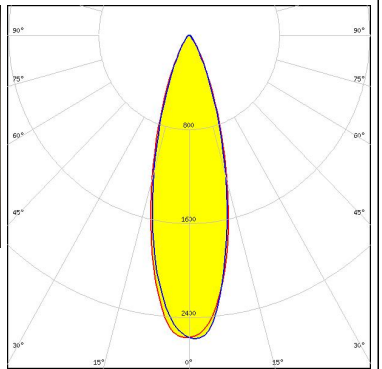


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)


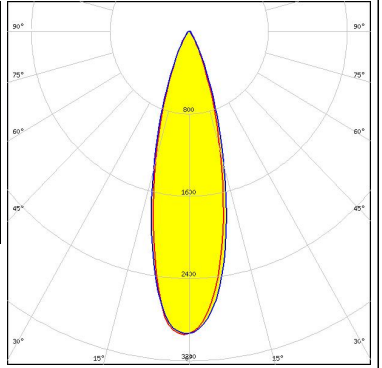
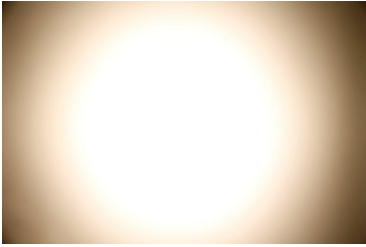
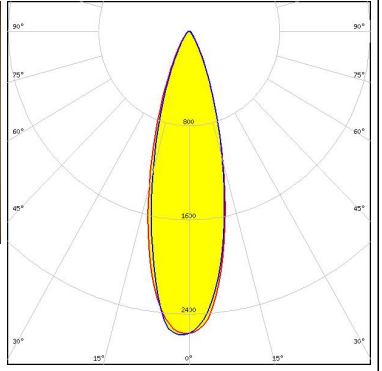
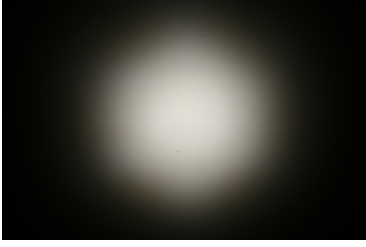
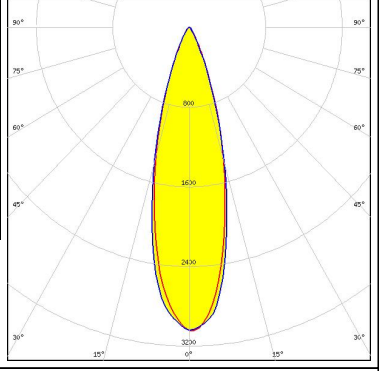

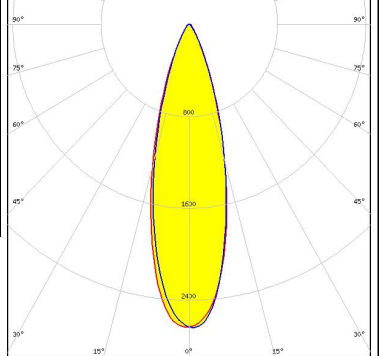
### PHOTOMETRIC DATA (MEASURED):

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

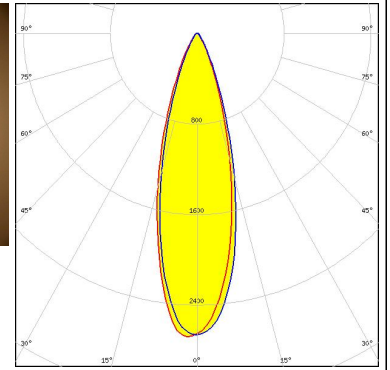
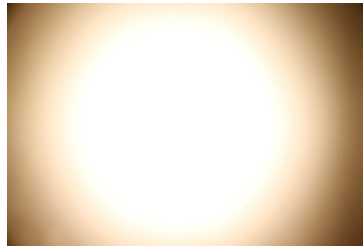
<p><b>NICHIA</b></p> <p>LED NF2x757A            FWHM / FWTM 28.0° / 53.0°            Efficiency 92 %            Peak intensity 2.9 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM / FWTM 29.0° /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

### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

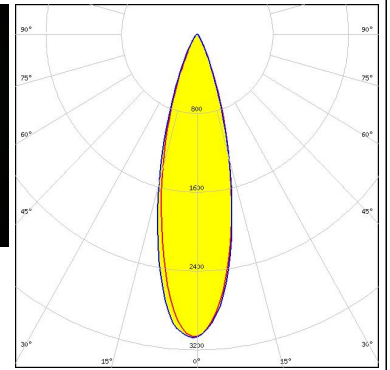
Opto Semiconductors

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:

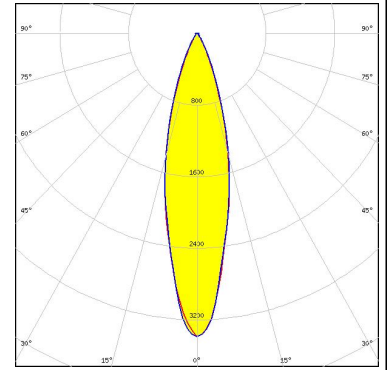




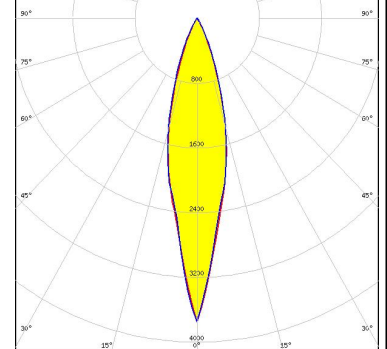
### PHOTOMETRIC DATA (SIMULATED):



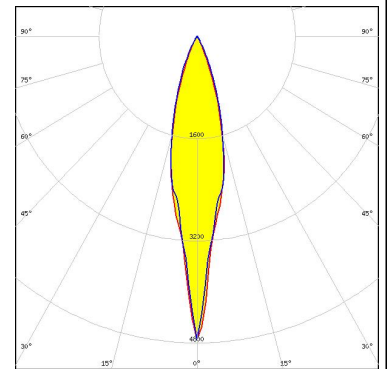
LED J Series 3030  
 FWHM / FWTM 26.0° / 52.0°  
 Efficiency 95 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



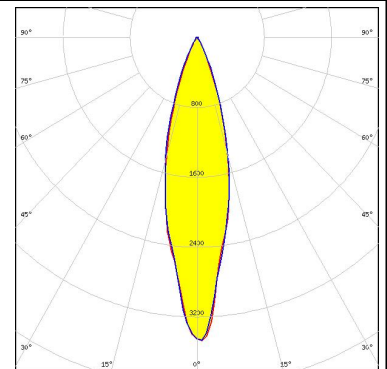
LED LUXEON C  
 FWHM / FWTM 23.0° / 50.0°  
 Efficiency 86 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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><b>LUMILEDS</b></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><b>LUMILEDS</b></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><b>LUMILEDS</b></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><b>LUMINUS</b></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>	



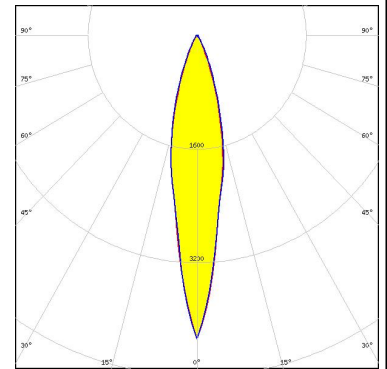


### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

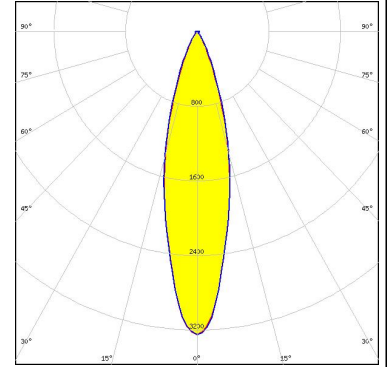
Opto Semiconductors

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



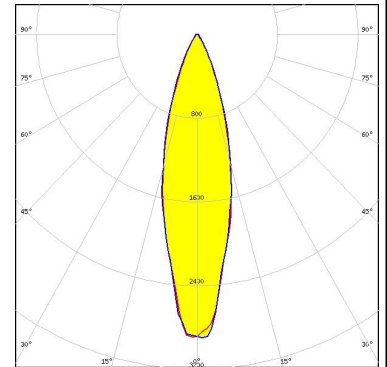
#### SAMSUNG

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:



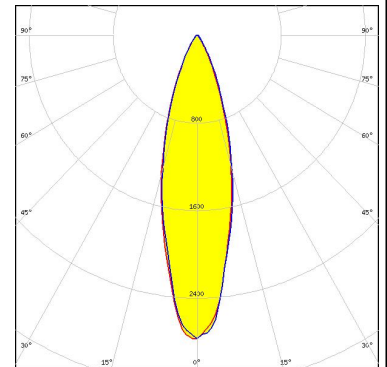
#### SAMSUNG

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):

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

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)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [LED Lighting Lenses](#) category:*

*Click to view products by [Ledil](#) manufacturer:*

Other Similar products are found below :

[LL01ED-AK40L06](#) [LL01ZZ-EX25L06-M2](#) [180182-0000](#) [LL01ED-ALI55R49](#) [C14707\\_IDA16-O](#) [C12231\\_LENA-FRESNEL-LENS](#)  
[LL01ED-AKY24R49](#) [LL01CR-AYG15R49](#) [LL01CR-OT32L06-M2](#) [LL01ZZ-AAA24L49](#) [LL01CR-CEN38L02](#) [LL01ZZ-AAA55L49](#)  
[LL01CR-AYG24R49](#) [LL01A00CZMB2-M2](#) [LL01ED-AKY38R49](#) [LL01CR-CNE2545L06-M2](#) [LL01ZZ-AAA38L49](#) [LL01ED-AKV36R49](#)  
[LL01ED-ALI24R49](#) [LL01CR-AYG38R49](#) [C17171\\_DAISSY-8X1-SHD-MATT](#) [F16859\\_LINDA-ZT25](#) [C17295\\_ILONA-ZOOM](#)  
[F16636\\_LINDA-W60](#) [C17362\\_DAISSY-7X1-W-D](#) [C17361\\_DAISSY-7X1-WW-D](#) [10003](#) [10003/15](#) [10048](#) [10049](#) [10108](#) [10510](#)  
[F14487\\_FLORENCE-1R-MAXI-WG](#) [12667](#) [C14165\\_STRADA-2X2-ME-WIDE2](#) [C14605\\_HB-2X2-RW](#) [C14642\\_FLORENCE-1R-UP](#)  
[CAY033](#) [CAY046/55](#) [FCX11157\\_RES-O-90](#) [OS-LRI2015X45S](#) [OSOLRA2015M](#) [PG1C-NX36](#) [PG1C-SX17](#) [PM2A-SXV1](#) [PM2B-NX55-](#)  
[AW](#) [PM6A-FN25](#) [FC2231-0000-0050-L](#) [FC2231-0000-0100-L](#) [C14116\\_STRADA-2X2-PX](#)