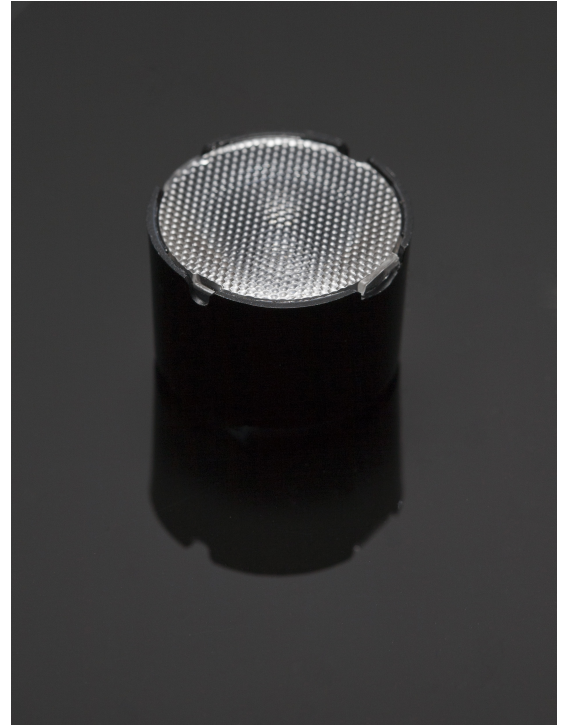


## G2-LXP2-M-P

~20° medium beam with light, black holder.  
Assembly with location pins and installation  
tape.

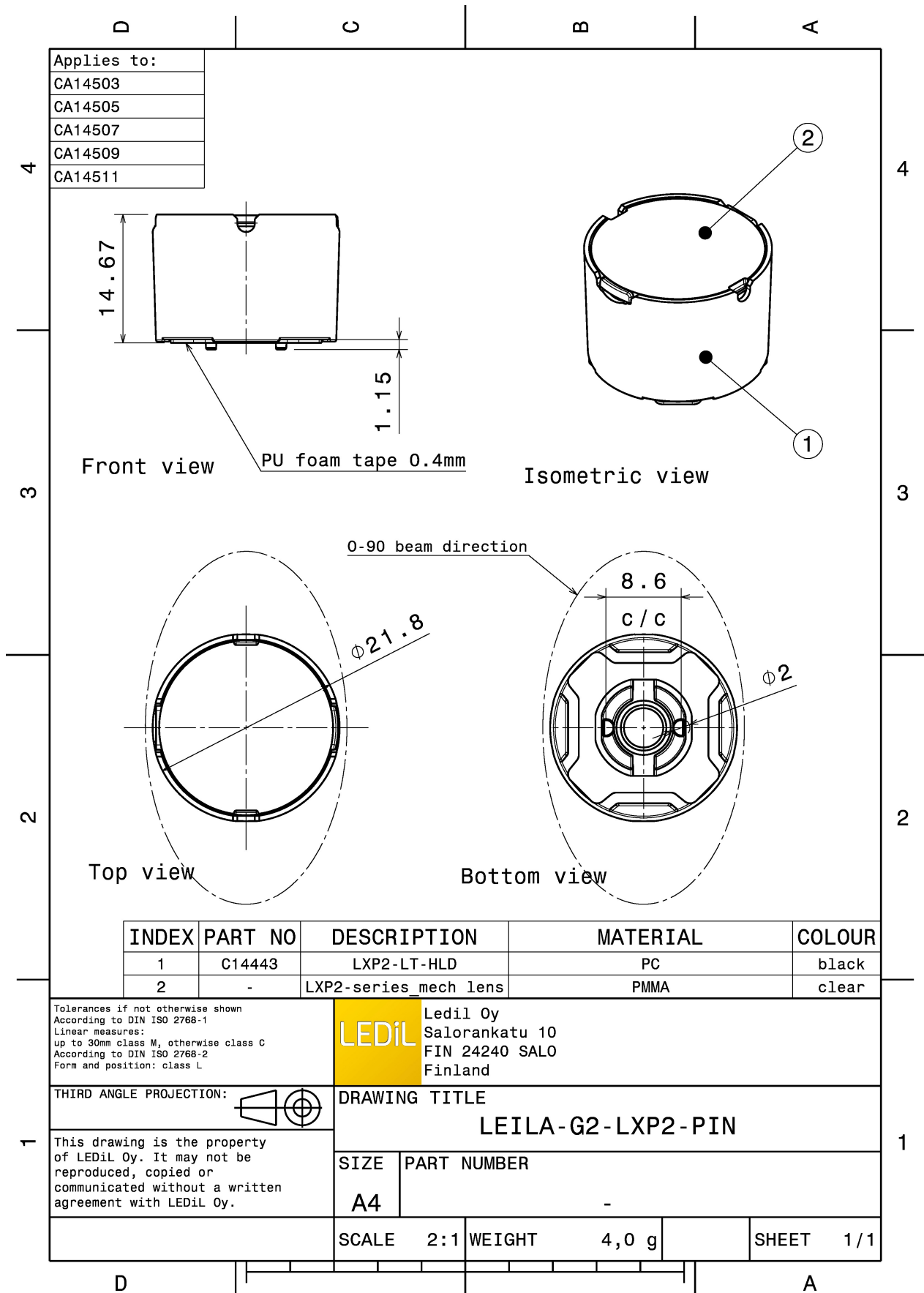
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape, pin
Colour	black
Box size	
Box weight	8.1 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LXP2-M	Single lens	PMMA	clear
LXP2-LT-HLD	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



#### PHOTOMETRIC DATA (MEASURED):

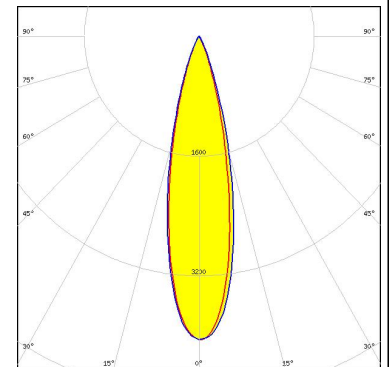
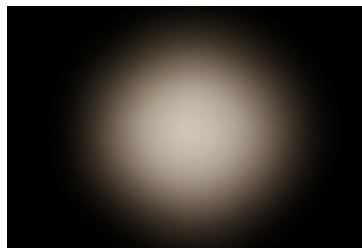
#### CREE

LED XP-E  
 FWHM 22.0°  
 Efficiency 88 %  
 Peak intensity 5.170 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



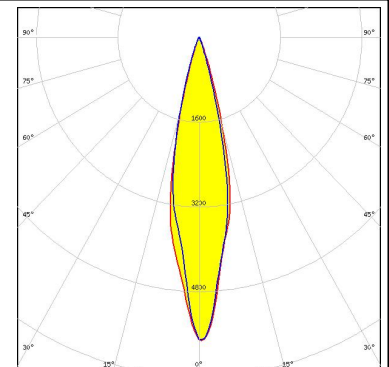
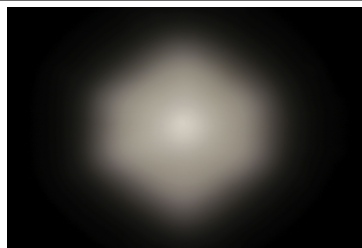
#### CREE

LED XP-L HD  
 FWHM 24.0°  
 Efficiency 86 %  
 Peak intensity 4.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



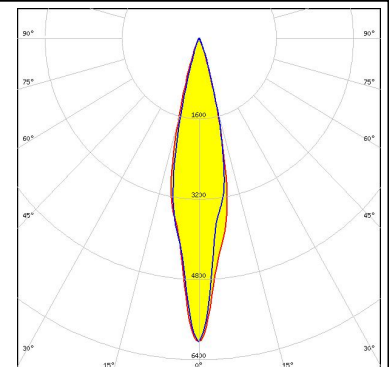
#### CREE

LED XQ-E HD  
 FWHM 22.0°  
 Efficiency 86 %  
 Peak intensity 5.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

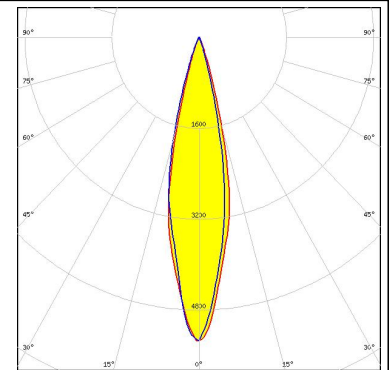
LED XQ-E HI  
 FWHM 21.0°  
 Efficiency 85 %  
 Peak intensity 6.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

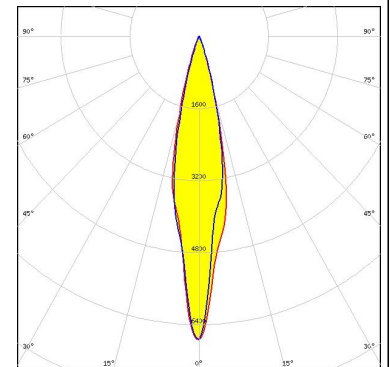
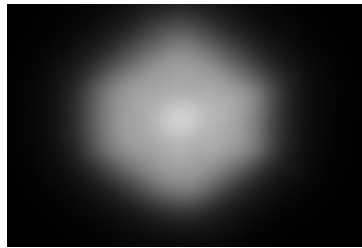
##### LUMILEDS

LED LUXEON C  
 FWHM 23.0°  
 Efficiency 82 %  
 Peak intensity 5.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



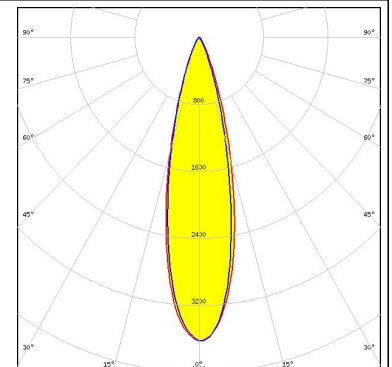
##### LUMILEDS

LED LUXEON CZ  
 FWHM 20.0°  
 Efficiency 89 %  
 Peak intensity 6.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



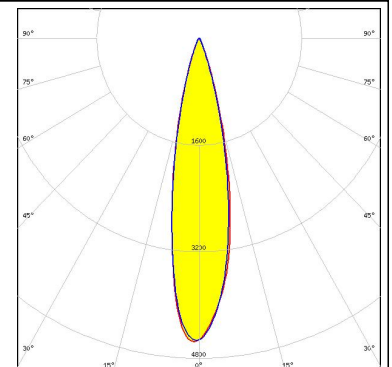
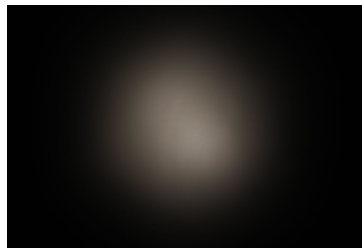
##### LUMILEDS

LED LUXEON V  
 FWHM 26.0°  
 Efficiency 86 %  
 Peak intensity 3.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

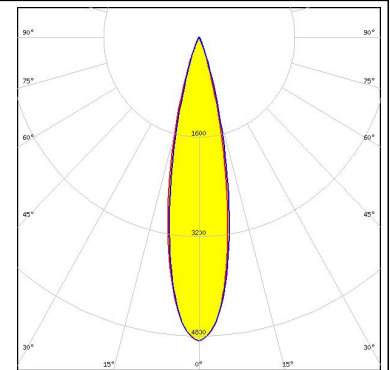
LED NCSxx19A  
 FWHM 22.0°  
 Efficiency 86 %  
 Peak intensity 4.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



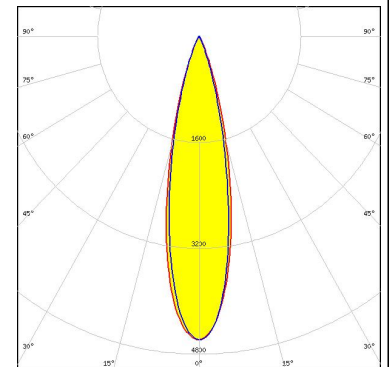
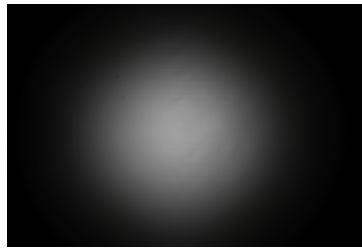
#### PHOTOMETRIC DATA (MEASURED):



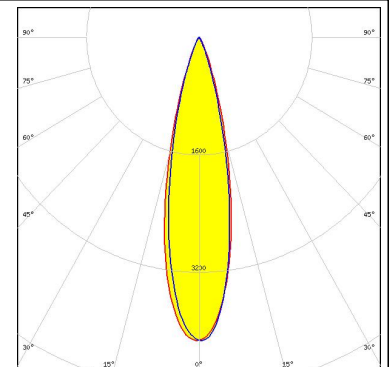
LED NVSW219F  
 FWHM 23.0°  
 Efficiency 90 %  
 Peak intensity 4.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



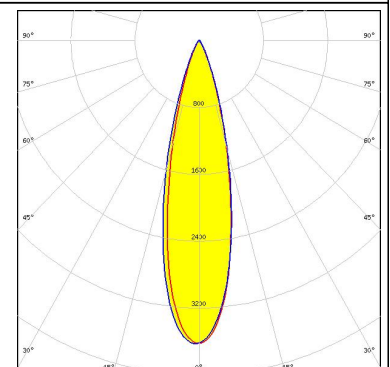
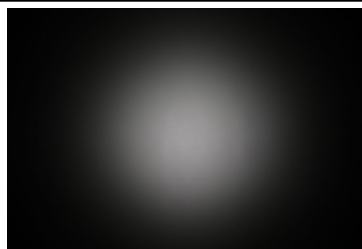
LED NVSW319B  
 FWHM 24.0°  
 Efficiency 90 %  
 Peak intensity 4.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSW3x9A  
 FWHM 24.0°  
 Efficiency 86 %  
 Peak intensity 4.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



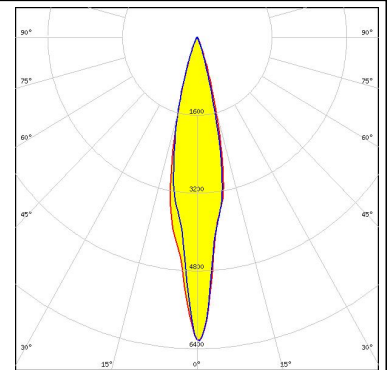
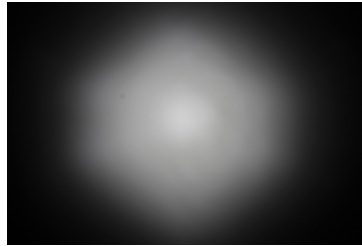
LED NWSx229A  
 FWHM 25.0°  
 Efficiency 86 %  
 Peak intensity 3.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

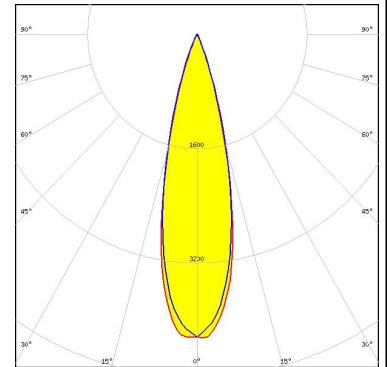
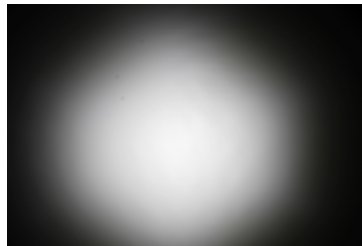
**OSRAM**  
Opto Semiconductors

LED OSLON Black Flat  
FWHM 20.0°  
Efficiency 87 %  
Peak intensity 6.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



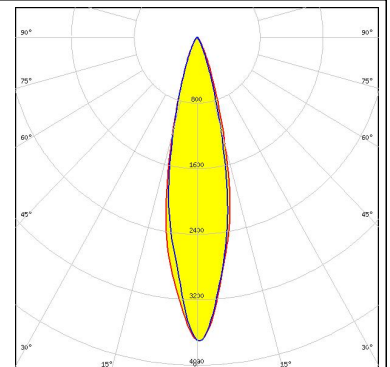
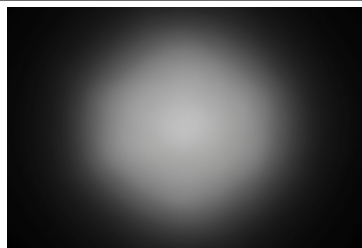
**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM 24.0°  
Efficiency 90 %  
Peak intensity 5.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



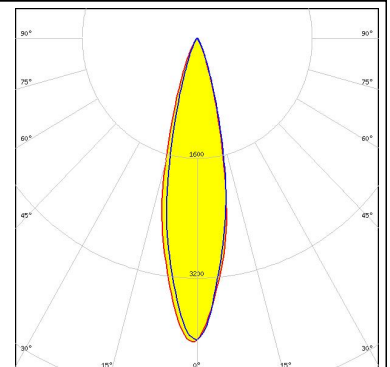
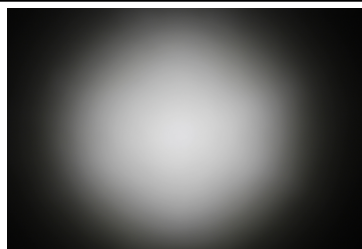
**SAMSUNG**

LED LH181A  
FWHM 24.0°  
Efficiency 80 %  
Peak intensity 3.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



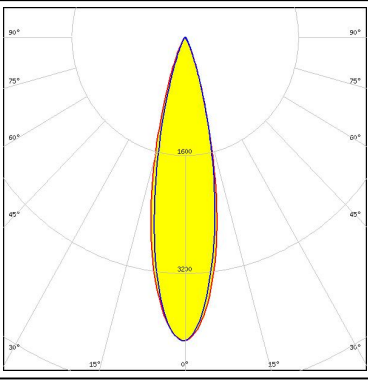


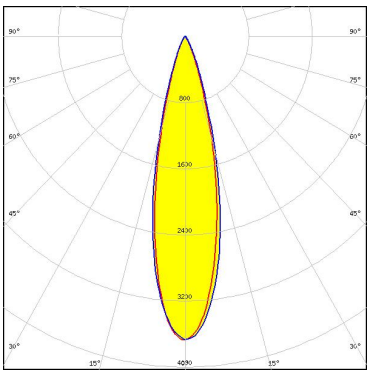


**SAMSUNG**

LED LH181B  
FWHM 25.0°  
Efficiency 85 %  
Peak intensity 4.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



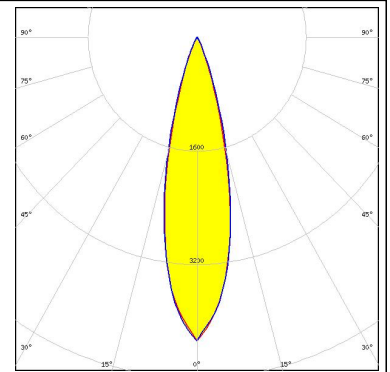
**PHOTOMETRIC DATA (MEASURED):**

<p> SEOUL SEMICONDUCTOR</p> <p>LED                Z5M3 FWHM            24.0° Efficiency        86 % Peak intensity   4.100 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED                Z8Y22P FWHM            26.0° Efficiency        81 % Peak intensity   3.700 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		

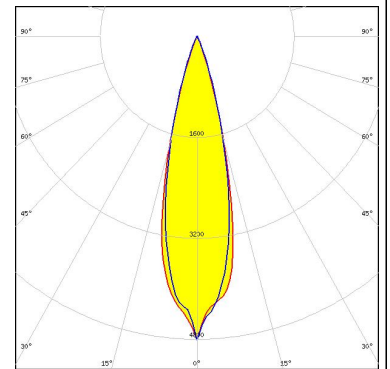
#### PHOTOMETRIC DATA (SIMULATED):



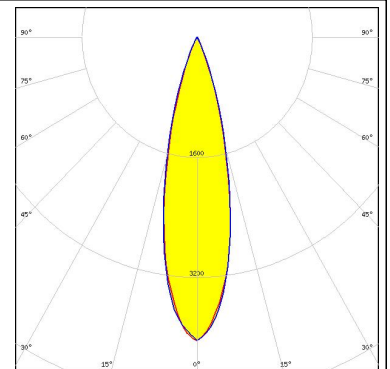
LED J Series 2835  
 FWHM 26.0°  
 Efficiency 92 %  
 Peak intensity 4.278 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



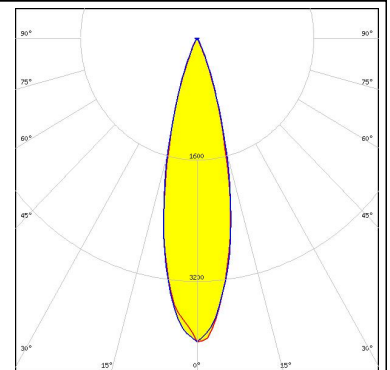
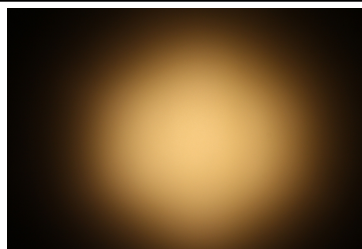
LED XP-G2  
 FWHM 25.0°  
 Efficiency 93 %  
 Peak intensity 4.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G2 HE  
 FWHM 26.0°  
 Efficiency 90 %  
 Peak intensity 4.049 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM 26.0°  
 Efficiency 89 %  
 Peak intensity 4.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

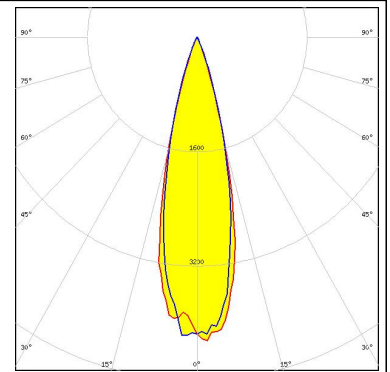




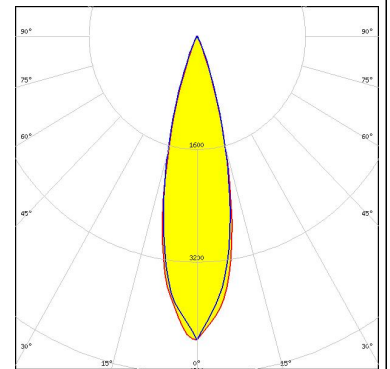
#### PHOTOMETRIC DATA (SIMULATED):



LED XT-E  
FWHM 26.0°  
Efficiency 89 %  
Peak intensity 4.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



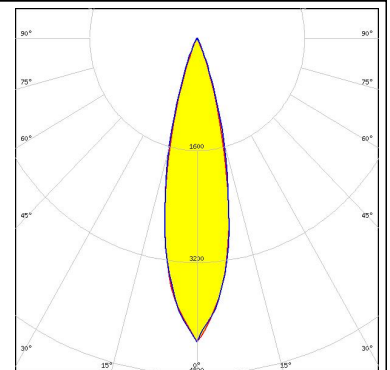
LED H35C1 (LEMWA33)  
FWHM 26.0°  
Efficiency 91 %  
Peak intensity 4.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON IR Compact  
FWHM 26.0°  
Efficiency 84 %  
Peak intensity 0.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON IR Domed 60  
FWHM 24.0°  
Efficiency 88 %  
Peak intensity 0.000 cd/lm  
LEDs/each optic 1  
Light colour IR  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

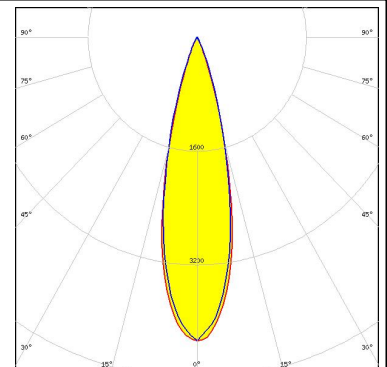
LED LUXEON IR Domed 60  
FWHM 24.0°  
Efficiency 88 %  
Peak intensity 0.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

LED LUXEON IR Domed 90  
FWHM 26.0°  
Efficiency 90 %  
Peak intensity 0.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

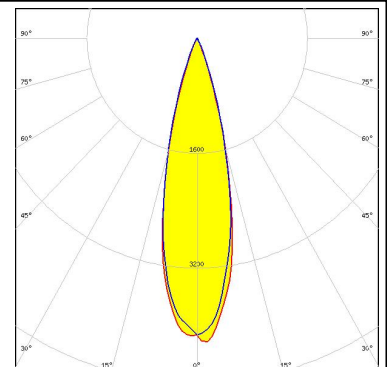
#### LUMILEDS

LED LUXEON T  
FWHM 26.0°  
Efficiency 92 %  
Peak intensity 4.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

LED LUXEON TX  
FWHM 26.0°  
Efficiency 91 %  
Peak intensity 4.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

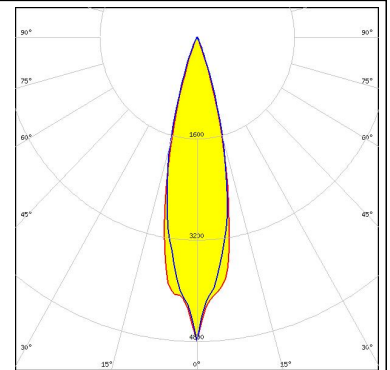
<p><b>LUMILEDS</b></p> <p>LED LUXEON V2            FWHM 26.0°            Efficiency 91 %            Peak intensity 4.250 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 25.0°            Efficiency 88 %            Peak intensity 4.100 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3030            FWHM 23.0°            Efficiency 91 %            Peak intensity 5.053 cd/lm            LEDs/each optic 1            Light colour Blue            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3737 Flat            FWHM 26.0°            Efficiency 92 %            Peak intensity 3.977 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

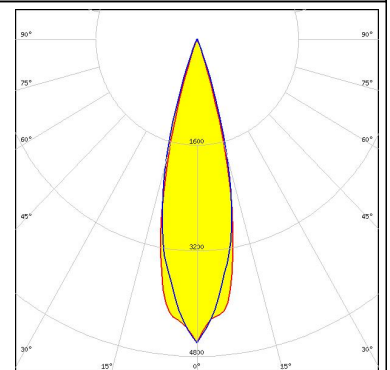
LED OSLON Black Flat  
FWHM 24.0°  
Efficiency 91 %  
Peak intensity 4.800 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM

Opto Semiconductors

LED OSLON SSL 80  
FWHM 27.0°  
Efficiency 91 %  
Peak intensity 4.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



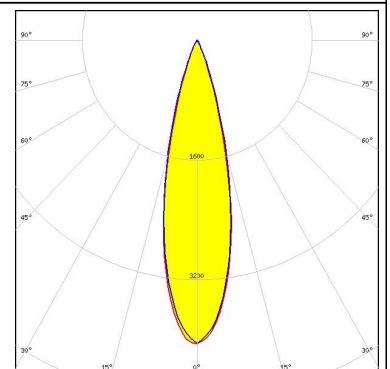
#### OSRAM

Opto Semiconductors

LED SFH 4770S  
FWHM 25.0°  
Efficiency 84 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### SAMSUNG

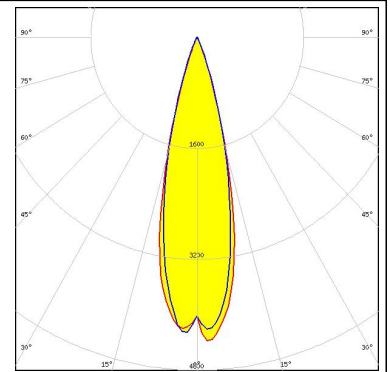
LED LH181B  
FWHM 26.0°  
Efficiency 90 %  
Peak intensity 4.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

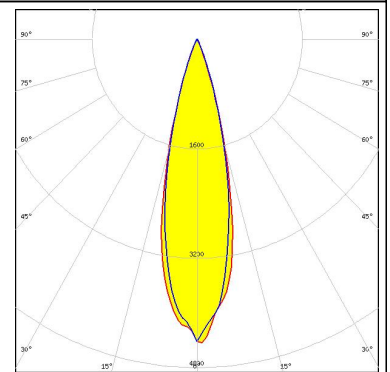
### SAMSUNG

LED LH351A  
 FWHM 25.0°  
 Efficiency 91 %  
 Peak intensity 4.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



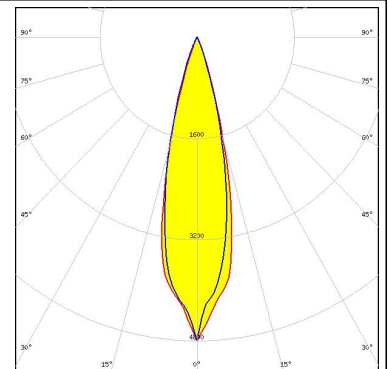
### SAMSUNG

LED LH351B  
 FWHM 25.0°  
 Efficiency 91 %  
 Peak intensity 4.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



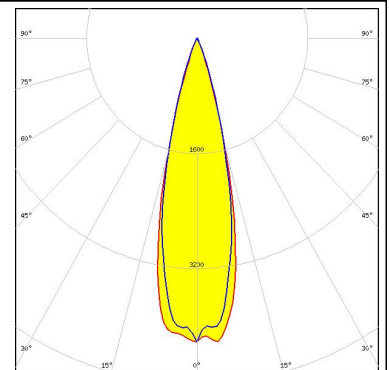
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM 24.0°  
 Efficiency 92 %  
 Peak intensity 4.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z5P  
 FWHM 26.0°  
 Efficiency 91 %  
 Peak intensity 4.300 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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The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

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Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### 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)