

FLORENCE2-Z60

~60° wide beam

SPECIFICATION:

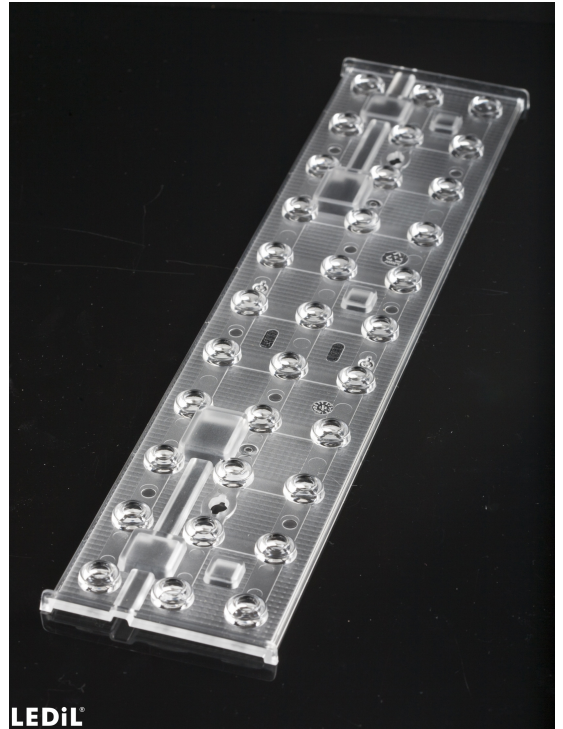
Dimensions	285.0 x 64.2 mm
Height	8.1 mm
Fastening	screw
ROHS compliant	yes ⓘ

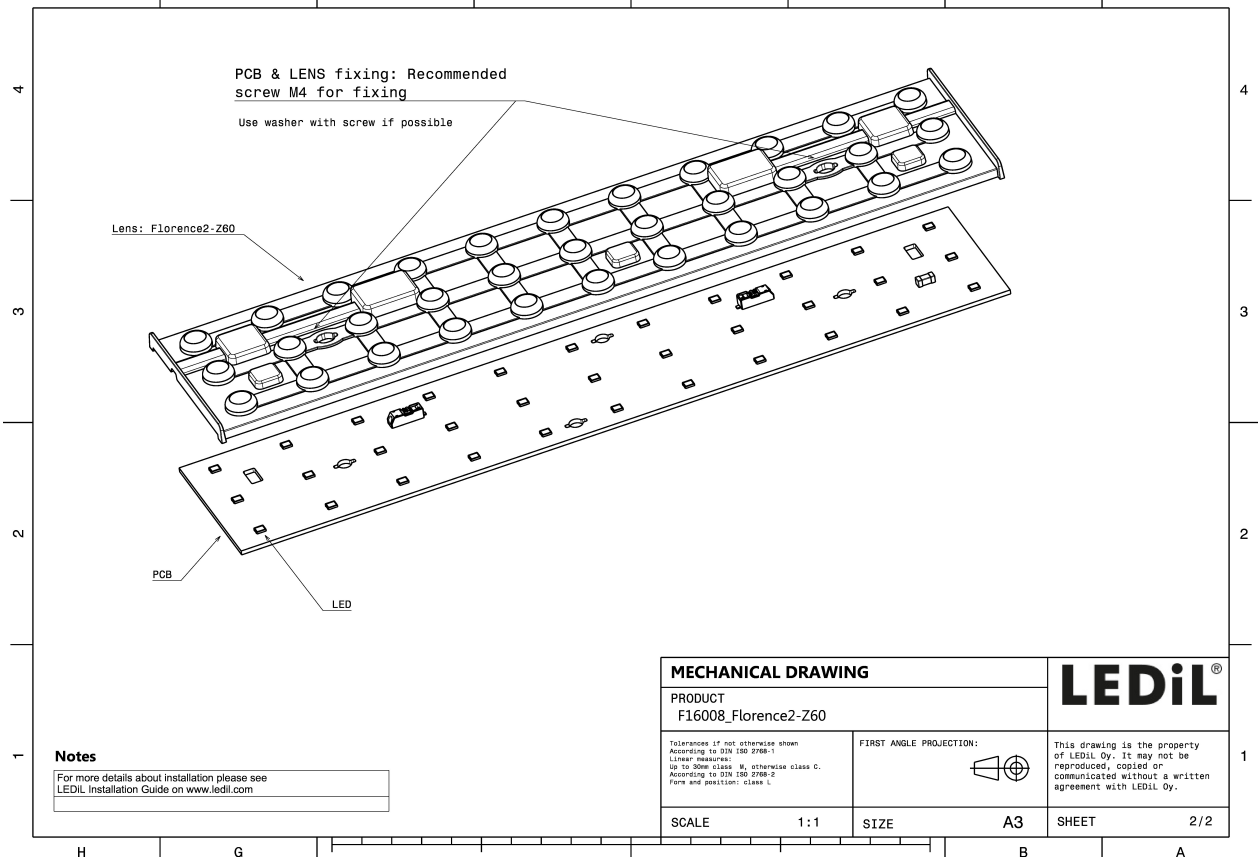
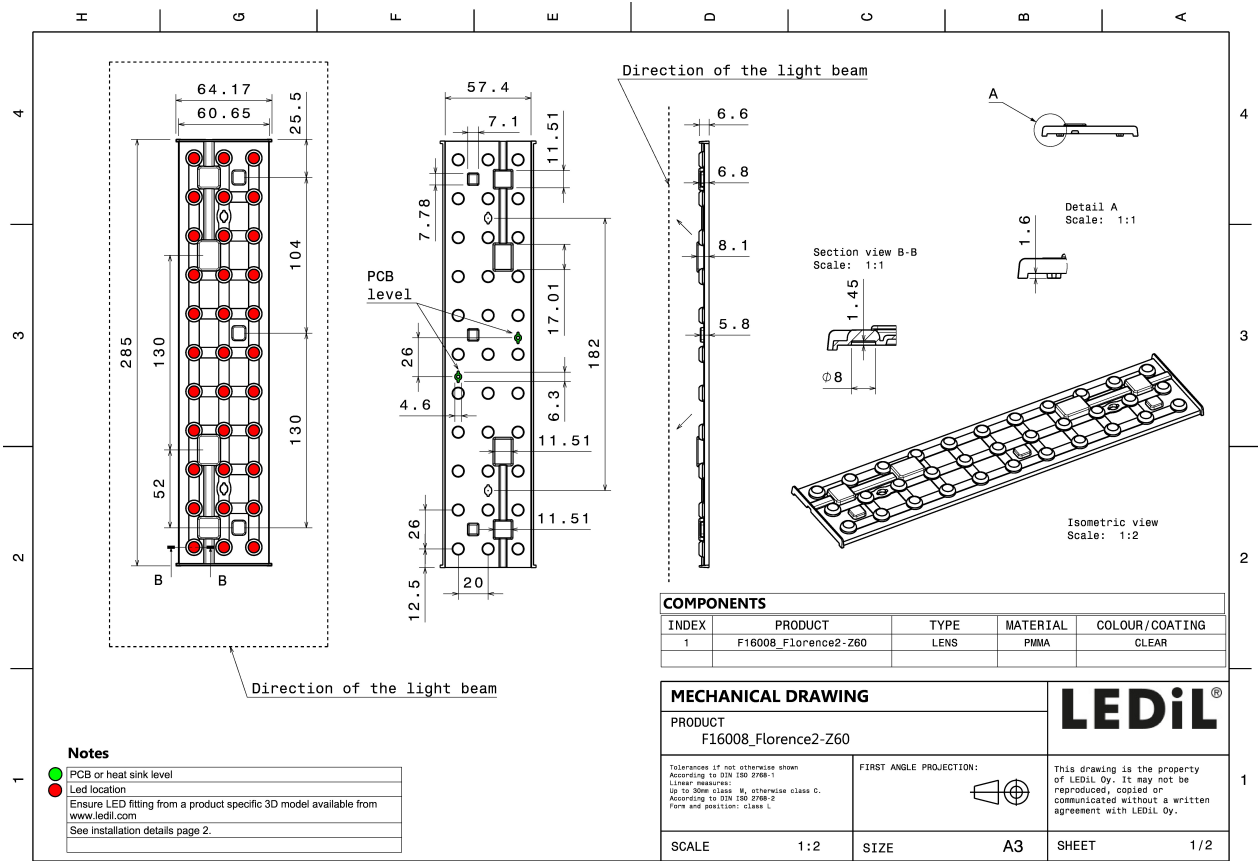
MATERIALS:

Component	Type	Material	Colour	Finish
FLORENCE2-Z60	Linear lens	PMMA	clear	

ORDERING INFORMATION:


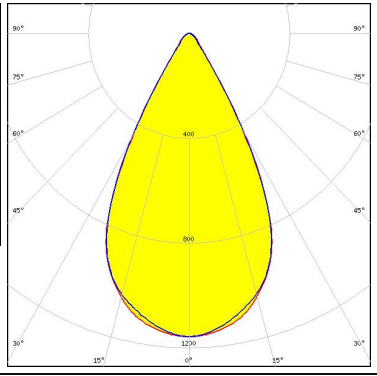

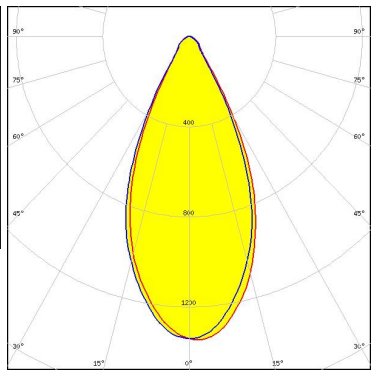

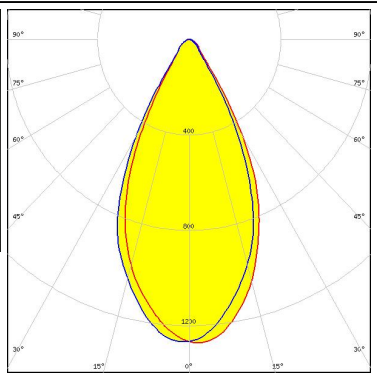

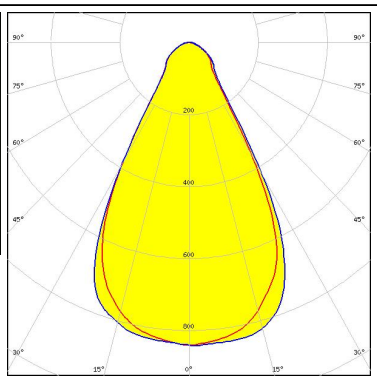
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16008_FLORENCE2-Z60 » Box size: 398 x 298 x 140 mm	78	18	6	4.8



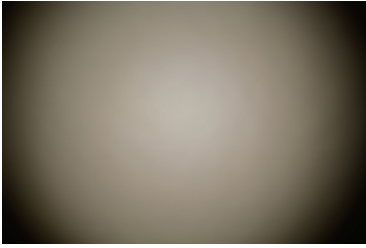
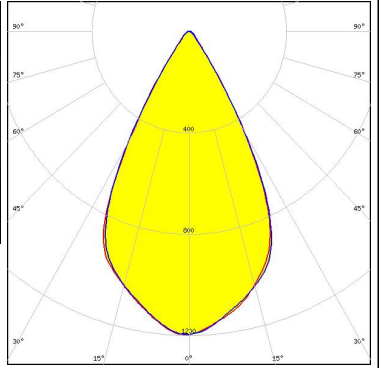
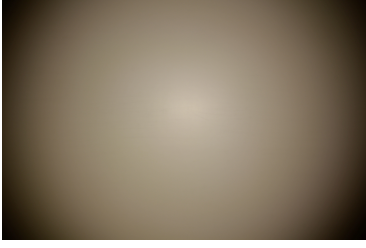
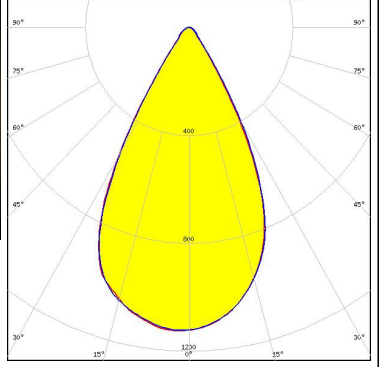
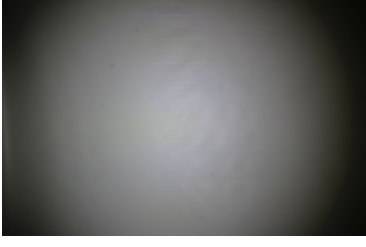
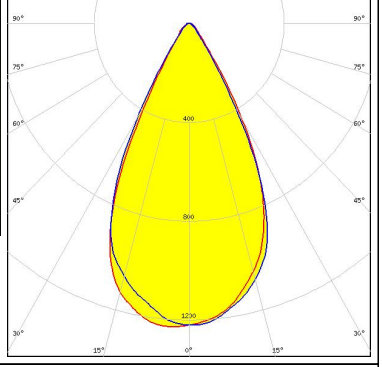
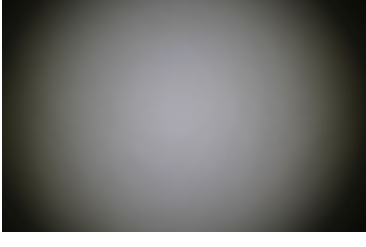
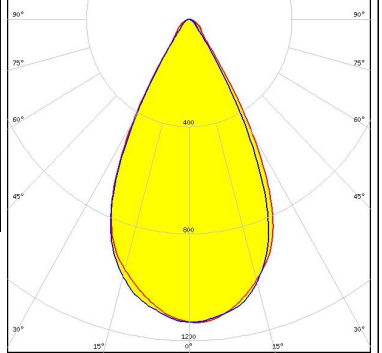


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED J Series 2835 FWHM / FWTM 56.0° / 75.0° Efficiency 96 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>FRANK</p> <p>LED LED-Modul 280 x 55 mm 1B FWHM / FWTM 48.0° / 73.0° Efficiency 95 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>FRANK</p> <p>LED LED-Modul 280 x 55 mm 2F FWHM / FWTM 51.0° / 75.0° Efficiency 95 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES FWHM / FWTM 58.0° / 99.0° Efficiency 93 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

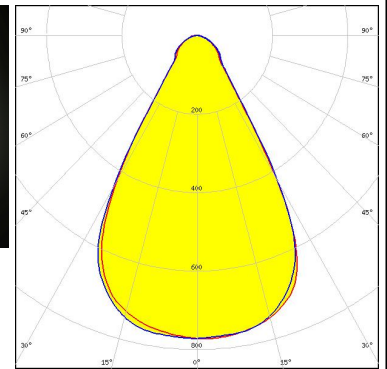
<p>LUMILEDS</p> <p>LED LUXEON XR-3535L (L202 - xxxx033C30001)</p> <p>FWHM / FWTM 56.0° / 75.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NFSW757H</p> <p>FWHM / FWTM 56.0° / 77.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM</p> <p>LED PL-BAR-G3 1100 280x55</p> <p>FWHM / FWTM 54.0° / 75.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris E5</p> <p>FWHM / FWTM 56.0° / 78.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

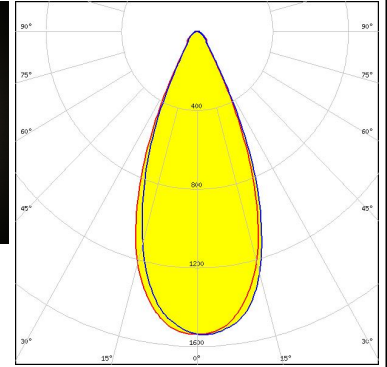
Opto Semiconductors

LED Duris S8
 FWHM / FWTM 62.0° / 96.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



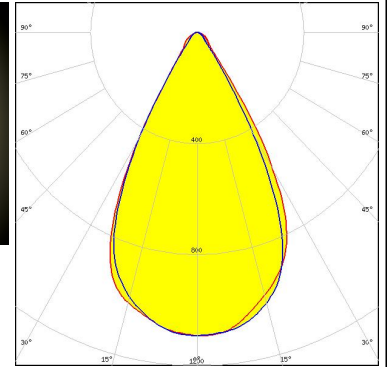
PHILIPS

LED Fortimo LED Line VO 1ft MF 3R HV5
 FWHM / FWTM 44.0° / 67.0°
 Efficiency 96 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



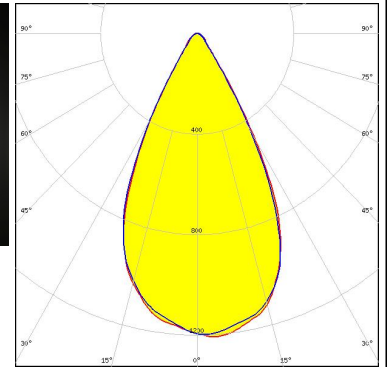
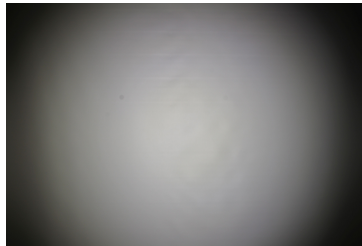
PHILIPS

LED Fortimo LED Line 1ft 1100lm 3R HV4
 FWHM / FWTM 57.0° / 77.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

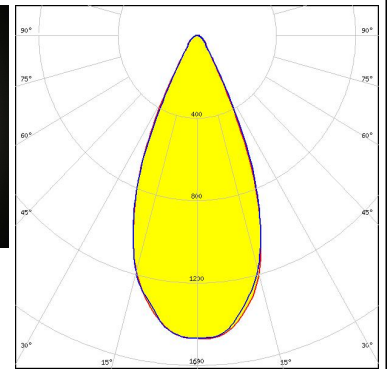
LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

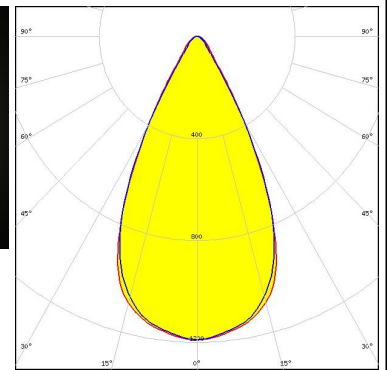
PHILIPS

LED Fortimo LED Line 1ft HF 3R HV5
 FWHM / FWTM 46.0° / 69.0°
 Efficiency 96 %
 Peak intensity 1.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



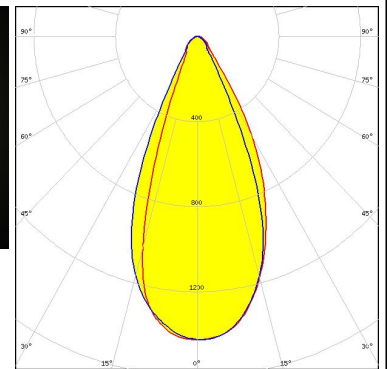
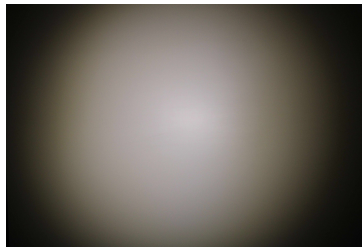
PHILIPS

LED Fortimo LED Line 1ft LF 3R HV5 & LV5
 FWHM / FWTM 53.0° / 75.0°
 Efficiency 97 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



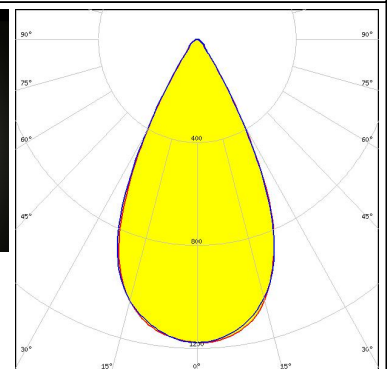
PHILIPS

LED Fortimo LED Line 1ft MF 3R HV5 & LV5
 FWHM / FWTM 46.0° / 69.0°
 Efficiency 96 %
 Peak intensity 1.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

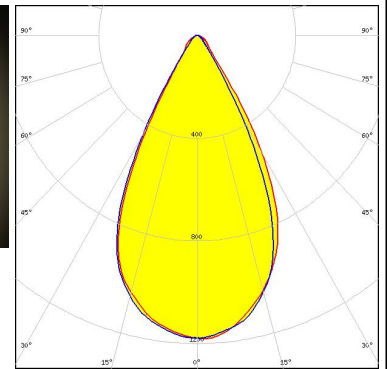
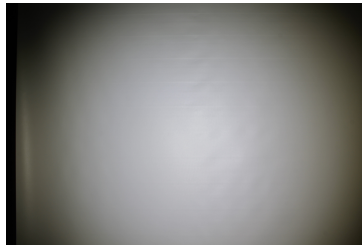
LED LM28xB Series
 FWHM / FWTM 53.0° / 74.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

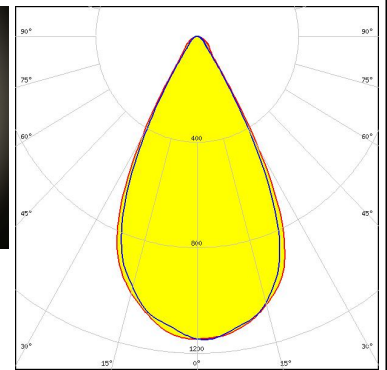
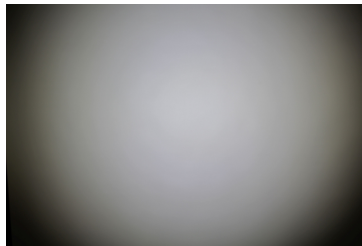
SAMSUNG

LED LM561B Plus
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

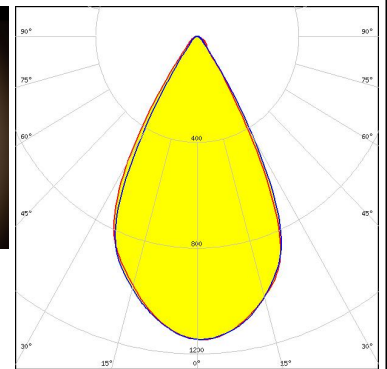


SAMSUNG

LED LT-R286A
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

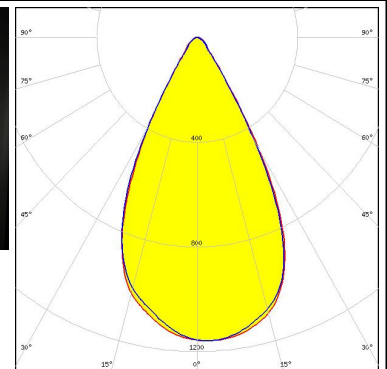
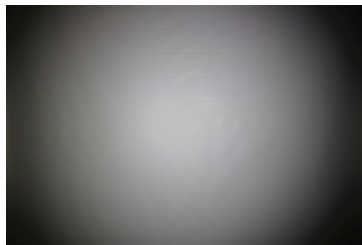


LED SEOUL 5630
 FWHM / FWTM 57.0° / 77.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

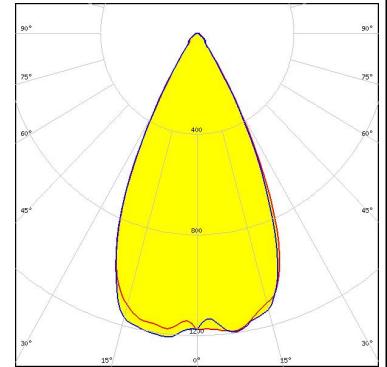
LED LLE 55x566mm 4000lm ADV5
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



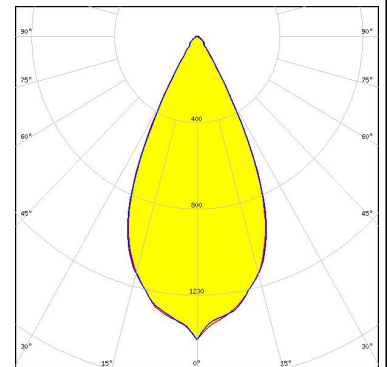
OPTICAL RESULTS (SIMULATED):



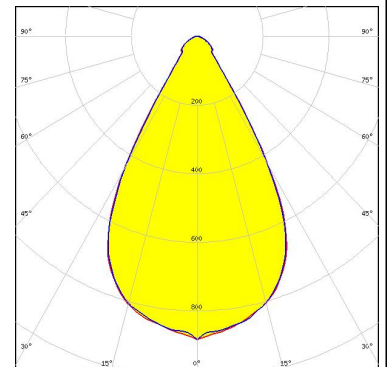
LED J Series 2835
 FWHM / FWTM 53.0° / 72.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



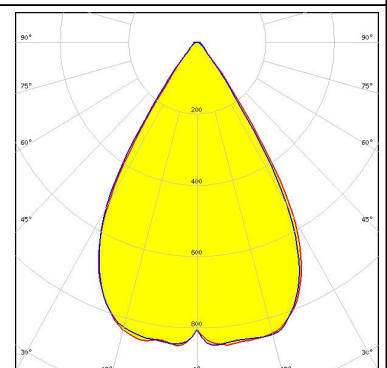
LED LUXEON 3030 2D (Square LES)
 FWHM / FWTM 50.0° / 68.0°
 Efficiency 92 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 5050 Square LES
 FWHM / FWTM 60.0° / 81.0°
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



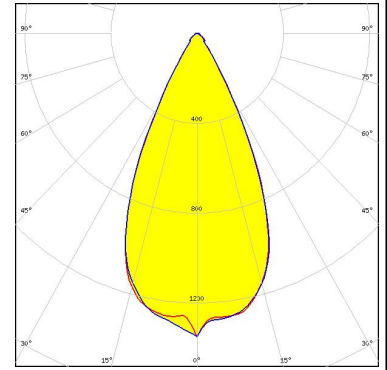
LED LH351D
 FWHM / FWTM 65.0° / 84.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

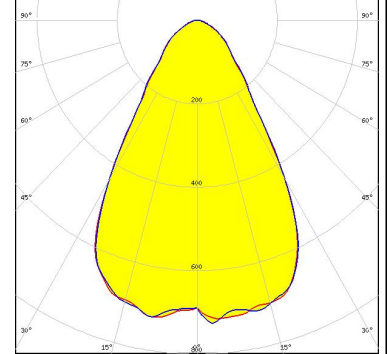
SAMSUNG

LED LM301B
 FWHM / FWTM 50.0° / 70.0°
 Efficiency 92 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



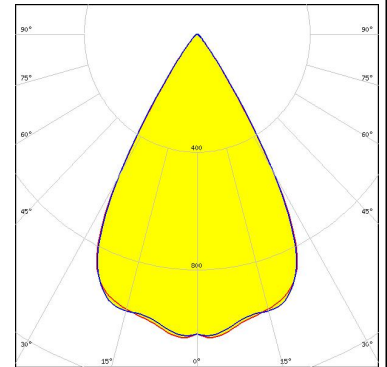
SAMSUNG

LED LM301B
 FWHM / FWTM 64.0° / 116.0°
 Efficiency 90 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



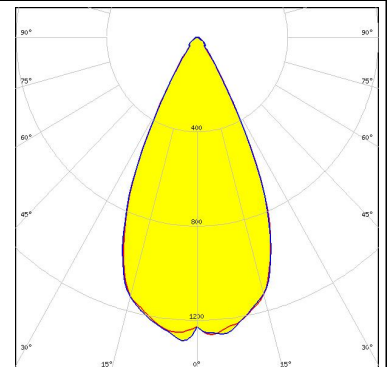
SAMSUNG

LED LM302Z
 FWHM / FWTM 60.0° / 78.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

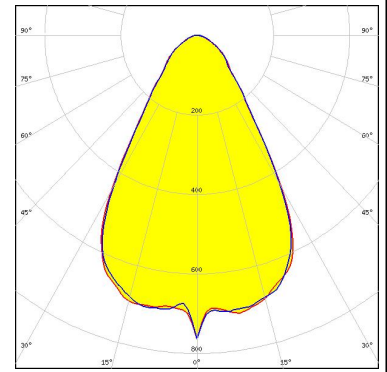
LED LM302Z plus
 FWHM / FWTM 52.0° / 71.0°
 Efficiency 92 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



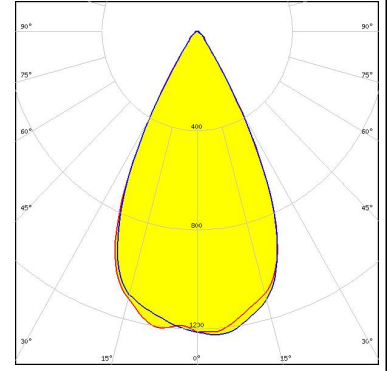
OPTICAL RESULTS (SIMULATED):

SAMSUNG

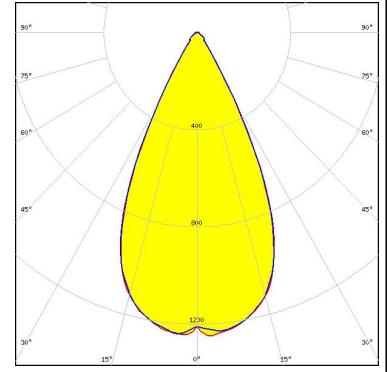
LED LM302Z plus
 FWHM / FWTM 64.0° / 114.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



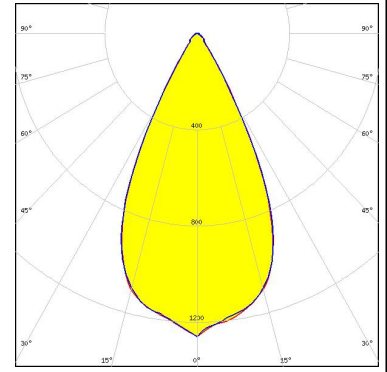
SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030C
 FWHM / FWTM 54.0° / 72.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




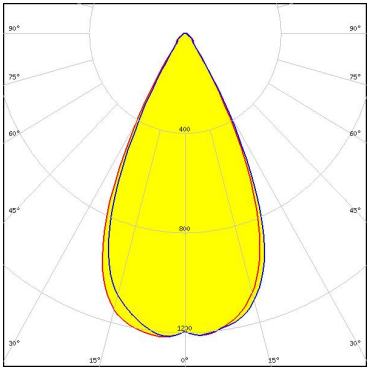

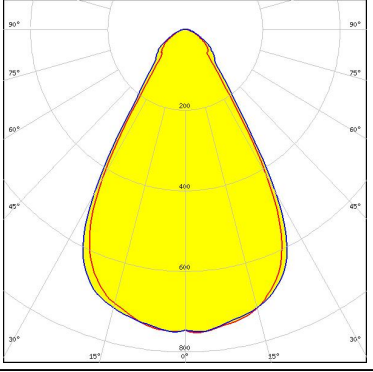

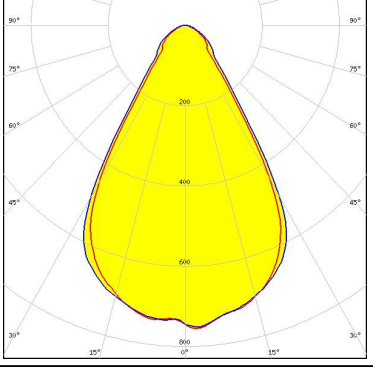

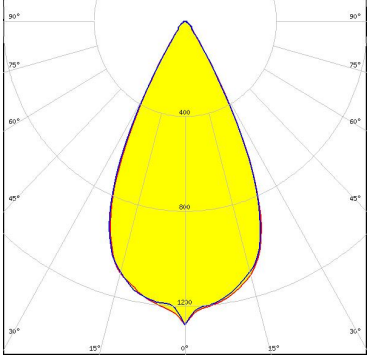
SEOUL SEMICONDUCTOR
 LED SEOUL DC 3528
 FWHM / FWTM 52.0° / 70.0°
 Efficiency 90 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




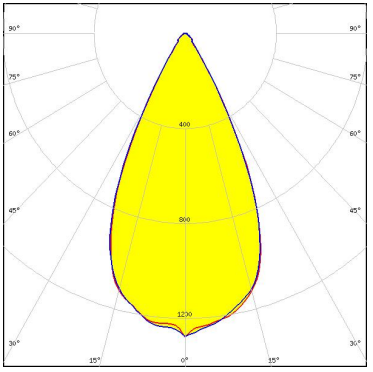

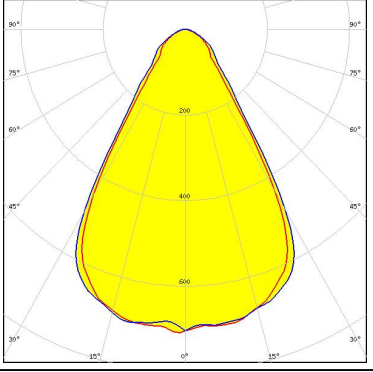

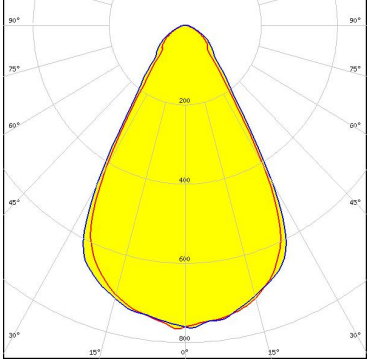
SEOUL SEMICONDUCTOR
 LED SEOUL DC 3528
 FWHM / FWTM 52.0° / 70.0°
 Efficiency 90 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 52.0° / 72.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 1.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 62.0 + 64.0° / 102.0 + 112.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 2</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 62.0 + 64.0° / 99.0 + 111.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 2</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 52.0° / 70.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 1.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 52.0° / 70.0°</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 1.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 64.0 + 66.0° / 105.0 + 116.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 2</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 62.0 + 64.0° / 100.0 + 112.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 2</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.

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LEDiL Oy

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P.R.CHINA

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