

FLORENCE2-Z90

~90° wide beam

TECHNICAL SPECIFICATIONS:

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

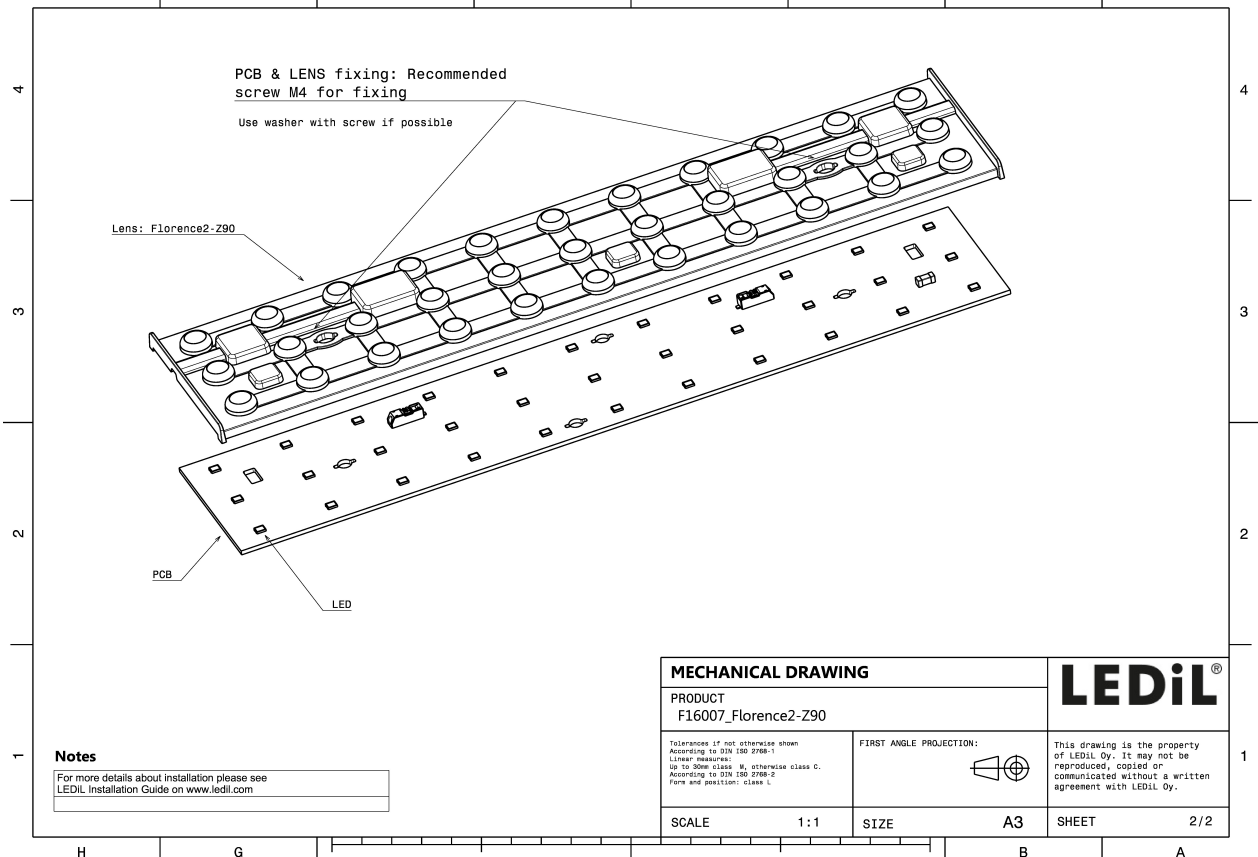
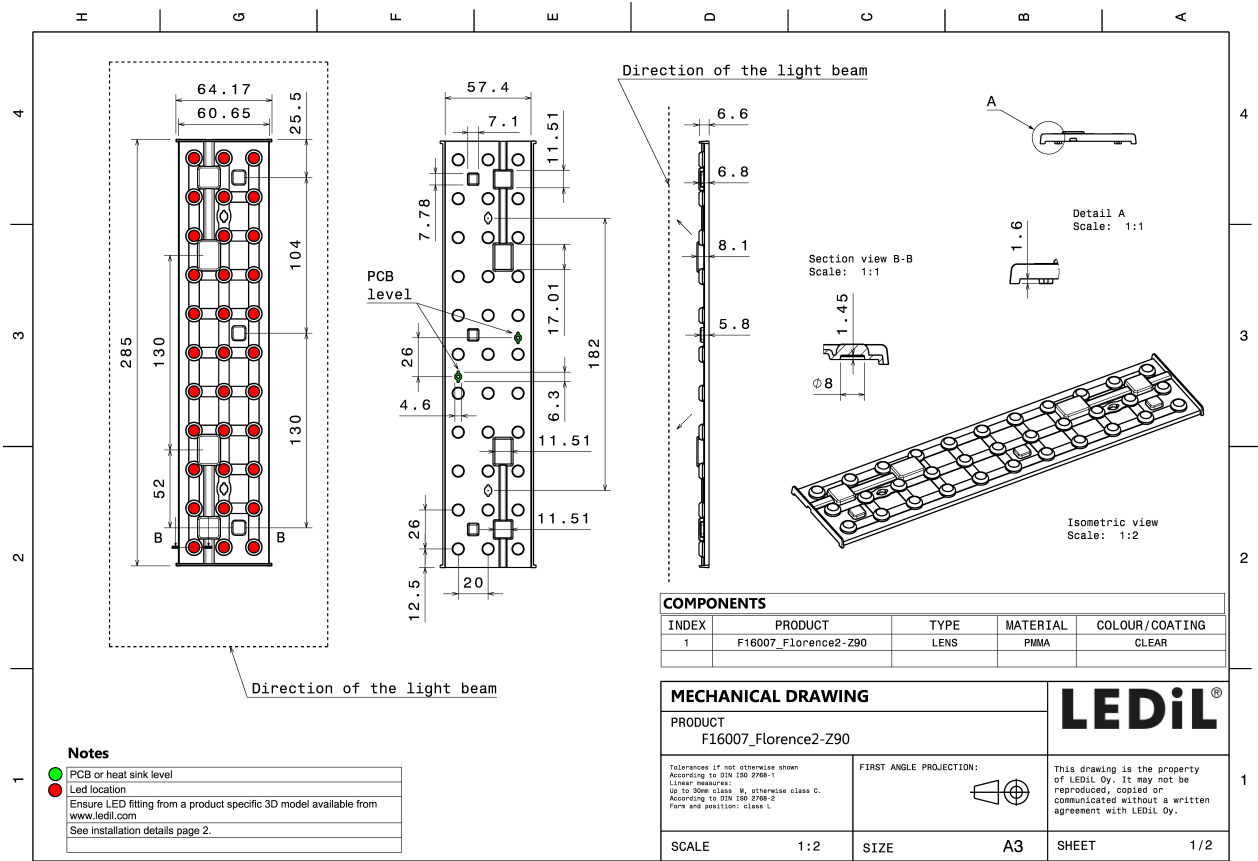
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
FLORENCE2-Z90	Linear lens	PMMA	clear	

ORDERING INFORMATION:


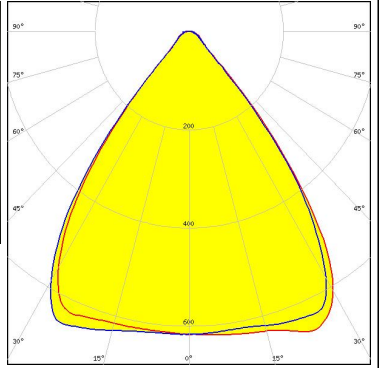
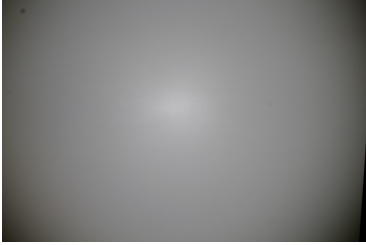
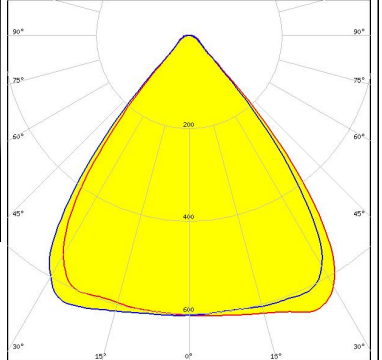

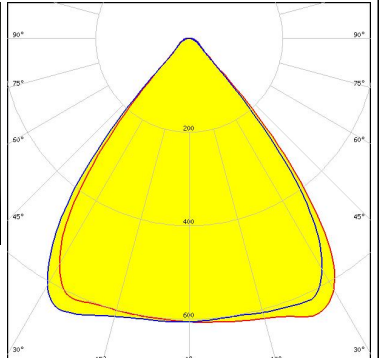
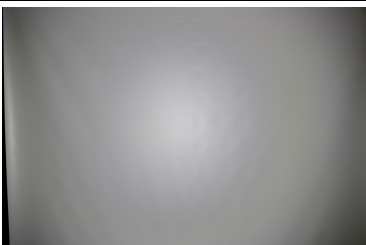
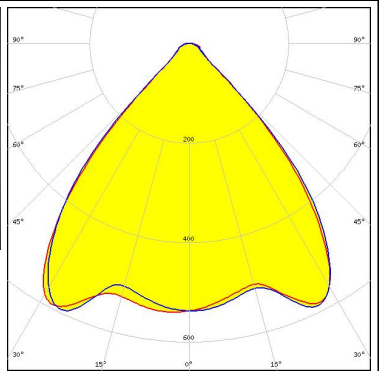
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16007_FLORENCE2-Z90 » Box size: 398 x 298 x 140 mm	78	18	6	4.8



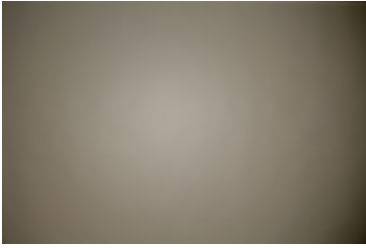
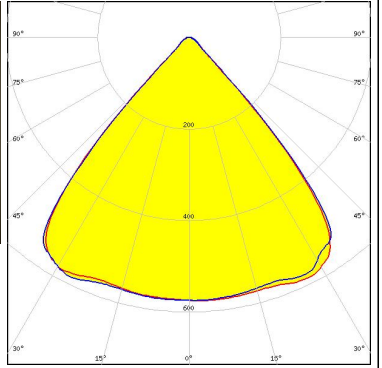
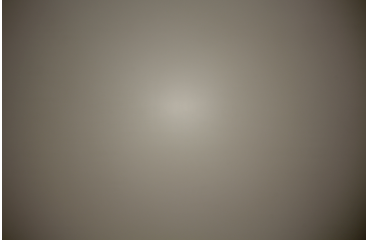
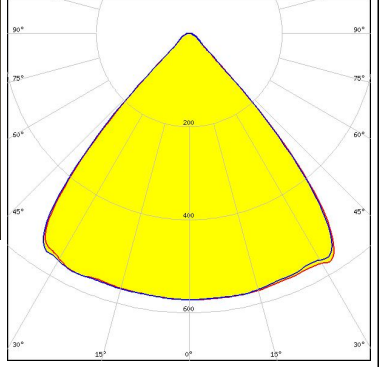
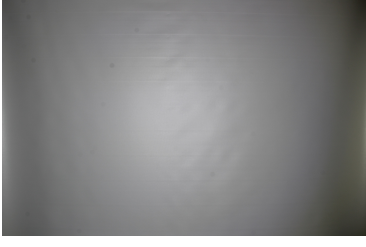
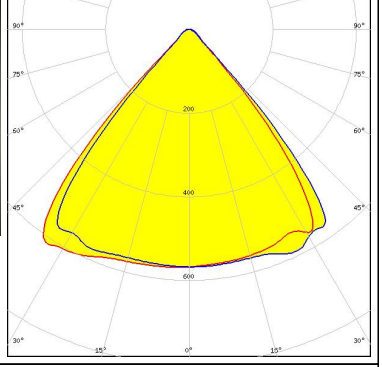
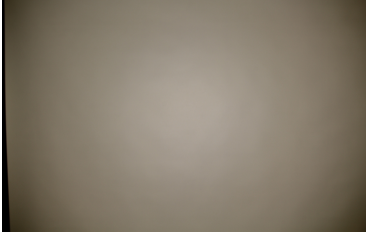
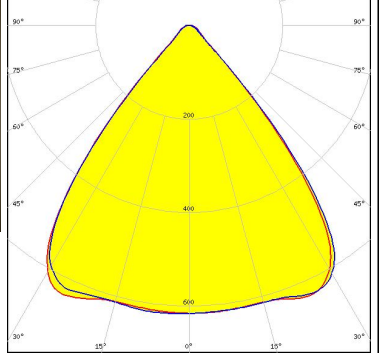


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

<p>FRANK</p> <p>LED LED-Modul 280 x 55 mm 1B</p> <p>FWHM / FWTM 76.0° / 92.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>FRANK</p> <p>LED LED-Modul 280 x 55 mm 1F</p> <p>FWHM / FWTM 77.0° / 93.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>FRANK</p> <p>LED LED-Modul 280 x 55 mm 2F</p> <p>FWHM / FWTM 77.0° / 92.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 82.0° / 96.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

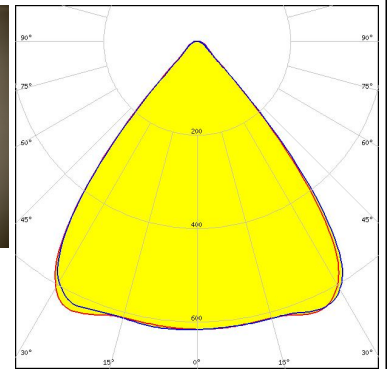
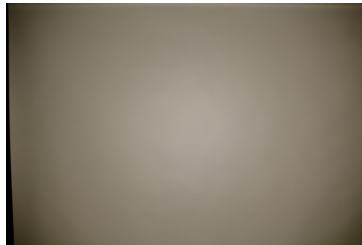
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON XR-3535L (L202 - xxxx033C30001)</p> <p>FWHM / FWTM 83.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.6 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 83.0° / 95.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.6 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 82.0° / 94.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM</p> <p>LED PLG2-BAR-1100-xxx-280x55-DC</p> <p>FWHM / FWTM 79.0° / 93.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

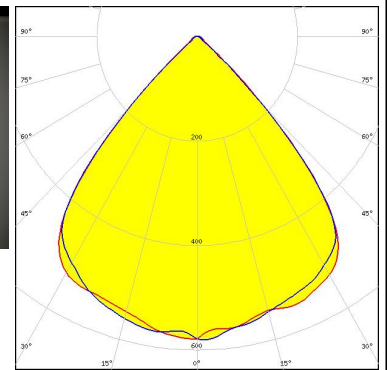
LED PLG2-BAR-2200-xxx-560x55-DC
 FWHM / FWTM 79.0° / 93.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

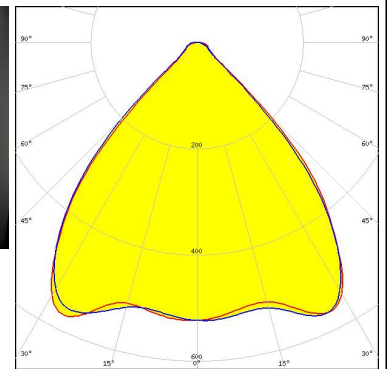
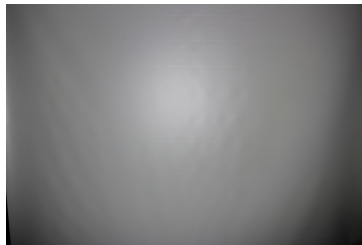
LED Duris E5
 FWHM / FWTM 82.0° / 97.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

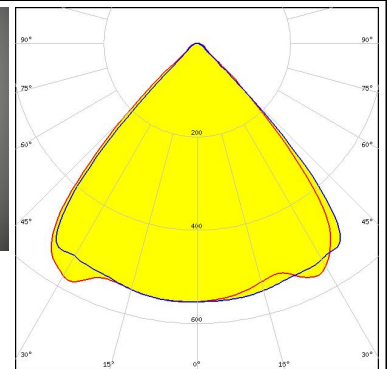
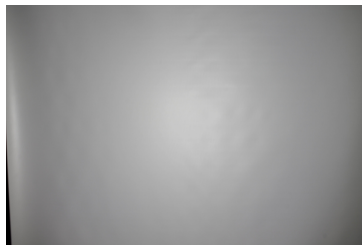
Opto Semiconductors

LED Duris S8
 FWHM / FWTM 84.0° / 98.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

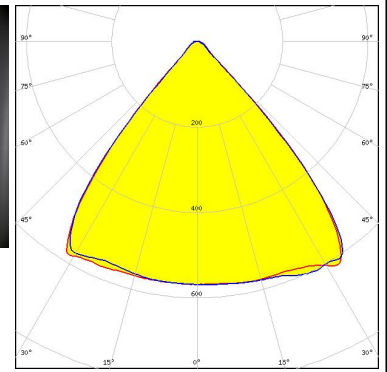
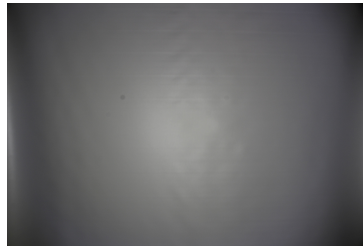
LED Fortimo LED Line 1ft 1100lm 3R HV4
 FWHM / FWTM 85.0° / 99.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

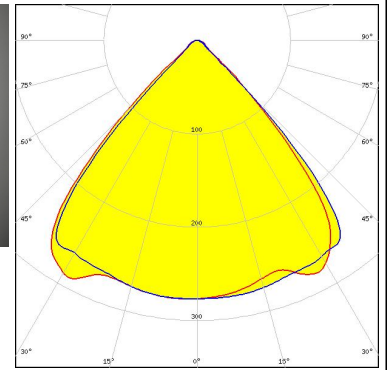
PHILIPS

LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM / FWTM 82.0° / 93.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



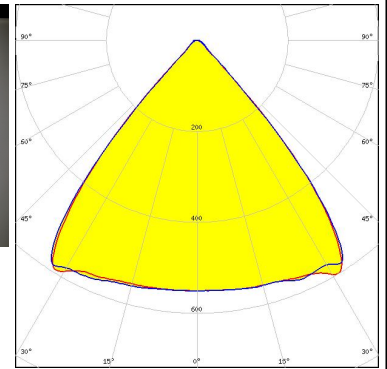
PHILIPS

LED Fortimo LED Line 2ft 2200lm 3R HV4
 FWHM / FWTM 85.0° / 99.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



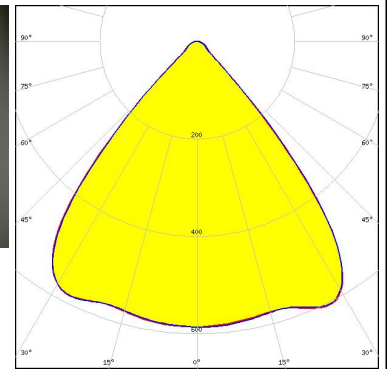
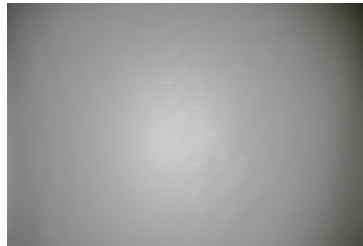
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 82.0° / 92.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

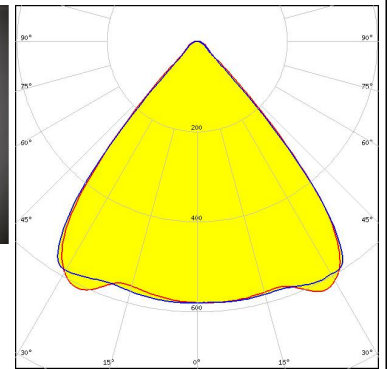
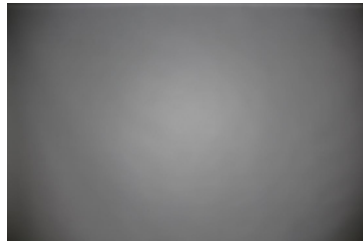
LED LM561B Plus
 FWHM / FWTM 81.0° / 95.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



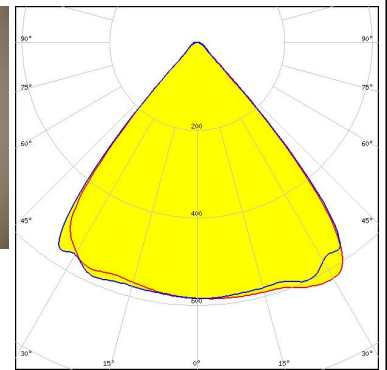
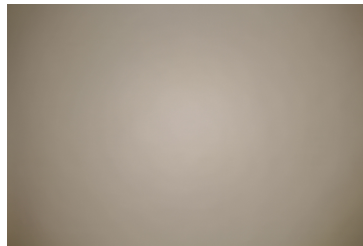
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

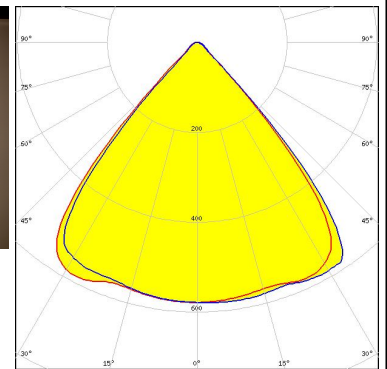
LED LT-R286A
 FWHM / FWTM 81.0° / 94.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



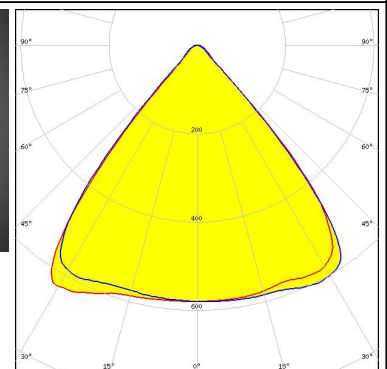
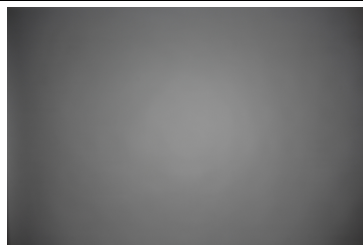
SEOUL SEMICONDUCTOR
 LED SEOUL 3030
 FWHM / FWTM 81.0° / 92.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



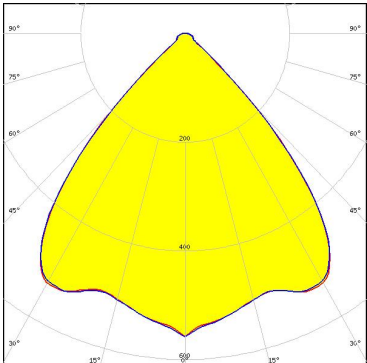
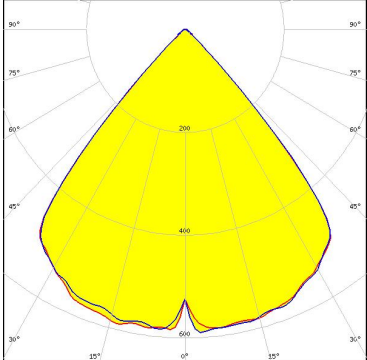
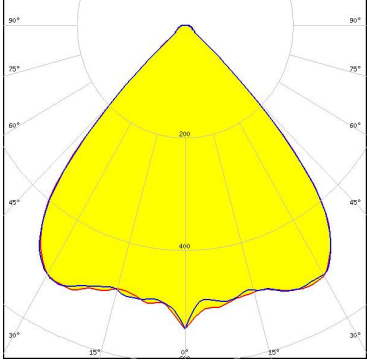
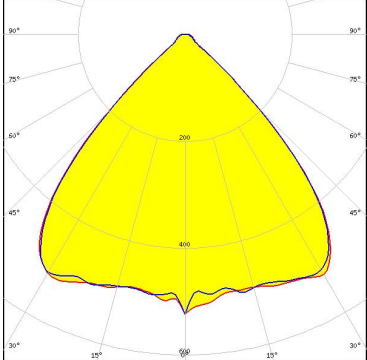
SEOUL SEMICONDUCTOR
 LED SEOUL 5630C
 FWHM / FWTM 82.0° / 95.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030
 FWHM / FWTM 81.0° / 92.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



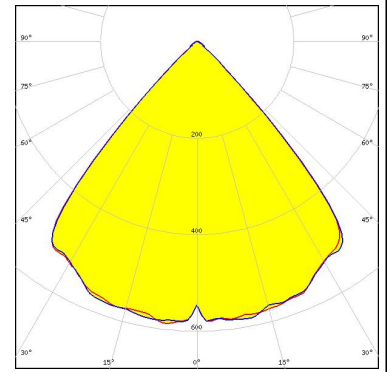
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 86.0° / 98.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED LM301B</p> <p>FWHM / FWTM 84.0° / 94.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED LM301B</p> <p>FWHM / FWTM 86.0° / 100.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED LM302Z plus</p> <p>FWHM / FWTM 86.0° / 100.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

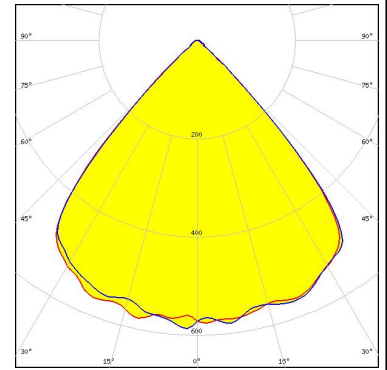
SAMSUNG

LED LM302Z plus
 FWHM / FWTM 84.0° / 94.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



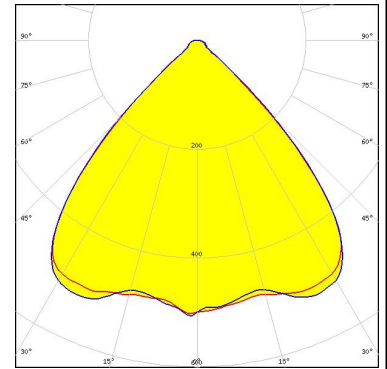
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM / FWTM 84.0° / 96.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



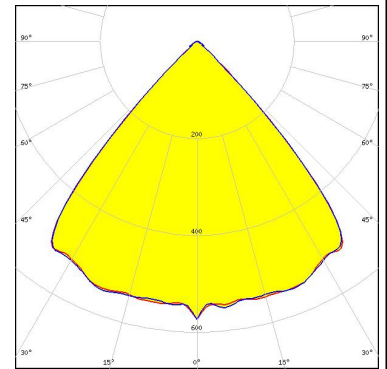
SEOUL SEMICONDUCTOR

LED SEOUL DC 3528
 FWHM / FWTM 86.0° / 100.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR


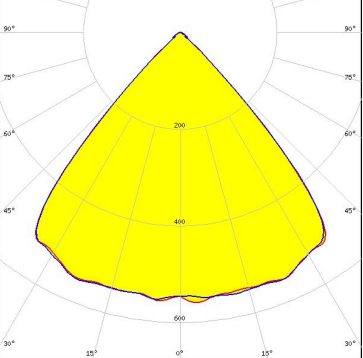
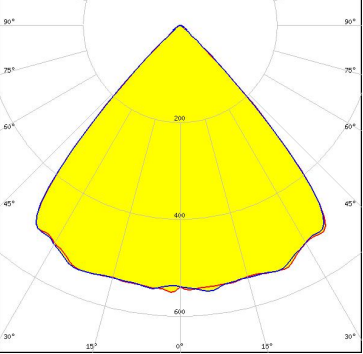
LED SEOUL DC 3528
 FWHM / FWTM 84.0° / 95.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>SEOU SEOU SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528 FWHM / FWTM: 83.0° / 95.0° Efficiency: 92 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEOU SEOU SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528 FWHM / FWTM: 86.0° / 100.0° Efficiency: 91 % Peak intensity: 0.5 cd/lm LEDs/each optic: 2 Light colour: White Required components:</p>	
<p>SEOU SEOU SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528 FWHM / FWTM: 84.0° / 94.0° Efficiency: 91 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEOU SEOU SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528 FWHM / FWTM: 86.0° / 100.0° Efficiency: 91 % Peak intensity: 0.5 cd/lm LEDs/each optic: 2 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 84.0° / 94.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.6 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: 86.0° / 100.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.5 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: 84.0° / 96.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.6 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.

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LEDiL Oy

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P.R.CHINA

Local sales and technical support

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Hong Kong, China

Distribution Partners

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