


## FLORENCE2-Z90

~90° wide beam

### TECHNICAL SPECIFICATIONS:

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

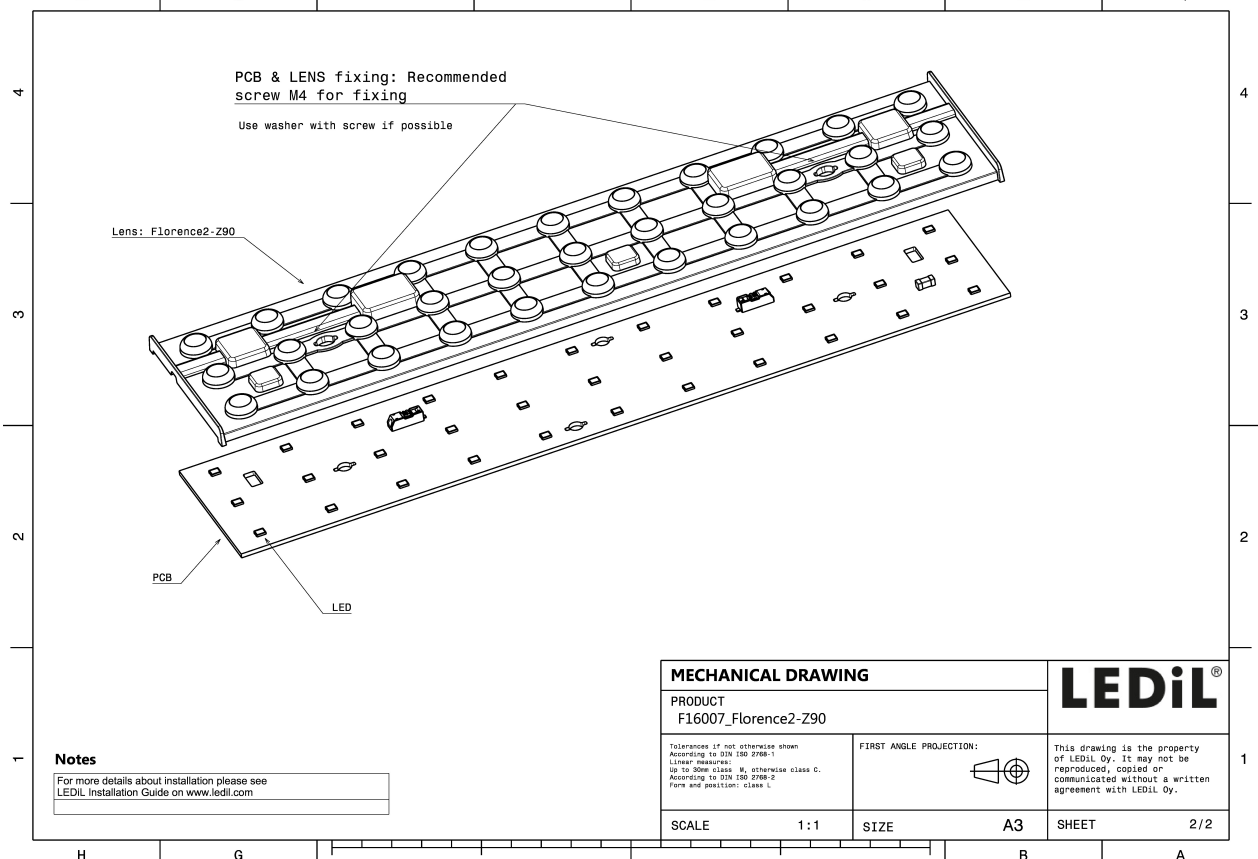
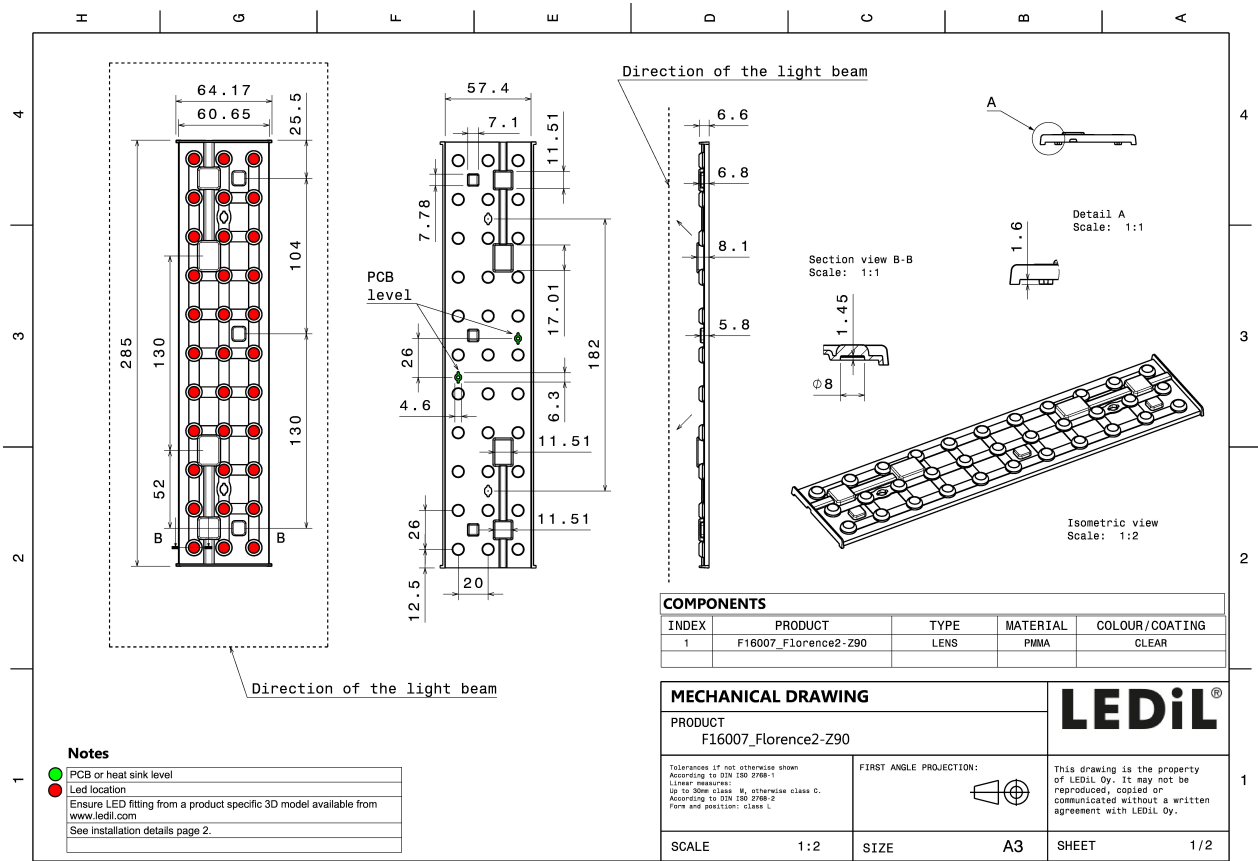
### MATERIAL SPECIFICATIONS:

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


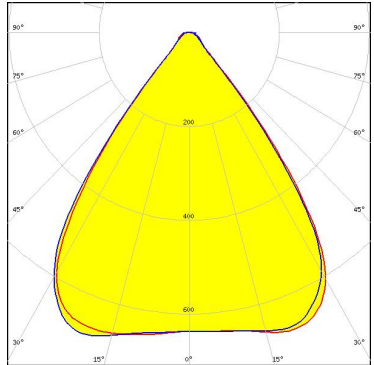

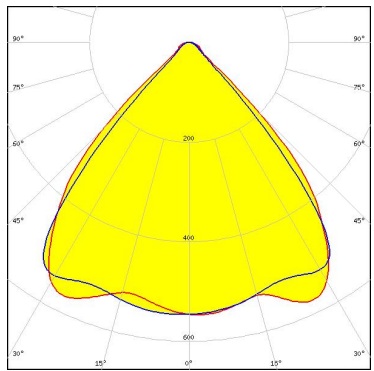

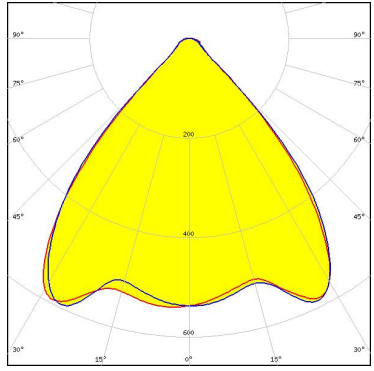
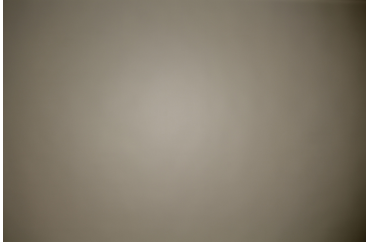
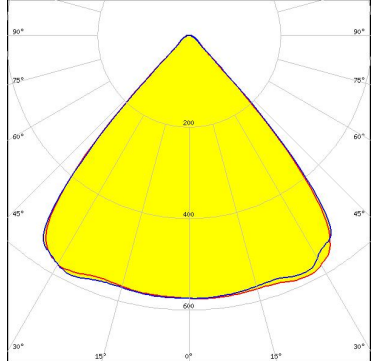


### ORDERING INFORMATION:

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



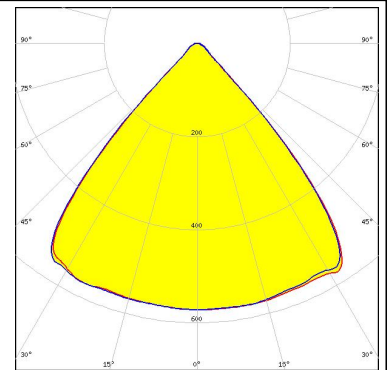
#### PHOTOMETRIC DATA (MEASURED):

<p><b>COMET ELECTRONICS</b></p> <p>LED TRIDINO R3 8x0 1100 1ft HV            FWHM 75.0°            Efficiency 94 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LG Innotek</b></p> <p>LED LG 6030            FWHM 85.0°            Efficiency 95 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Round LES            FWHM 82.0°            Efficiency 94 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON XR-3535L (L202 - xxx033C30001)            FWHM 83.0°            Efficiency 97 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

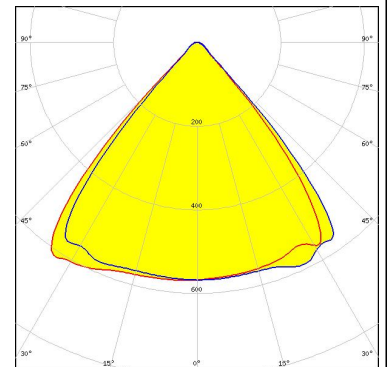
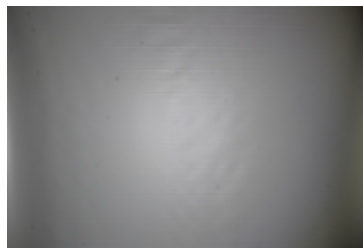
#### PHOTOMETRIC DATA (MEASURED):



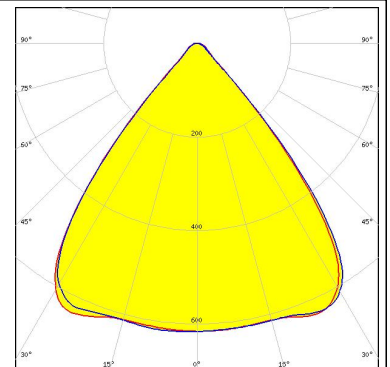
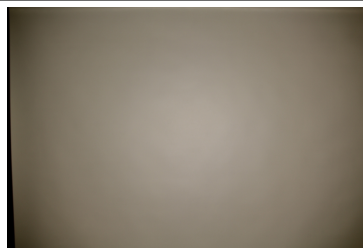
LED NFSW757H  
 FWHM 83.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



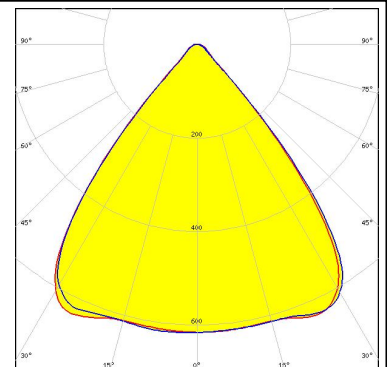
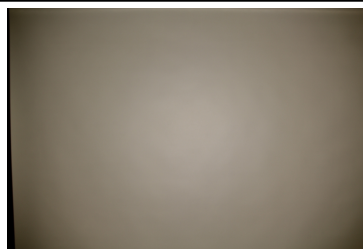
LED PL-BAR-G3 1100 280x55  
 FWHM 82.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED PLG2-BAR-1100-xxx-280x55-DC  
 FWHM 79.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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

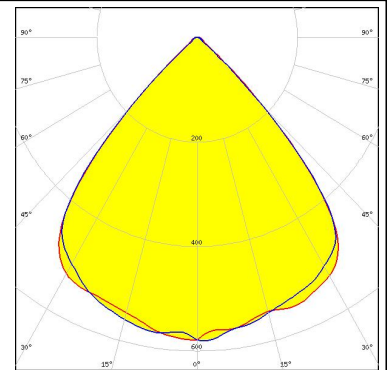
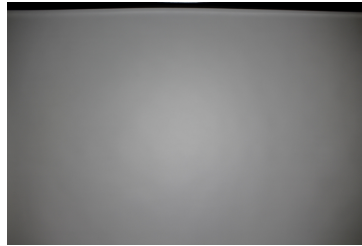


#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

Opto Semiconductors

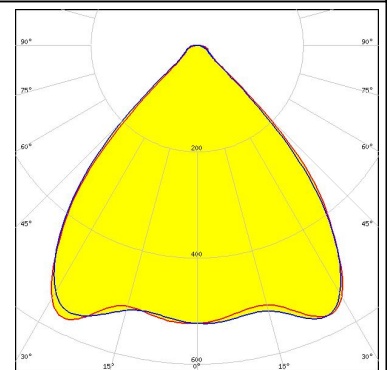
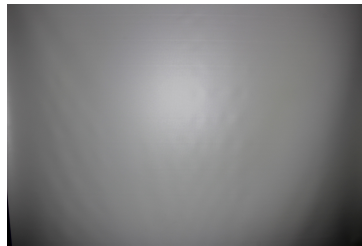
LED Duris E5  
 FWHM 82.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

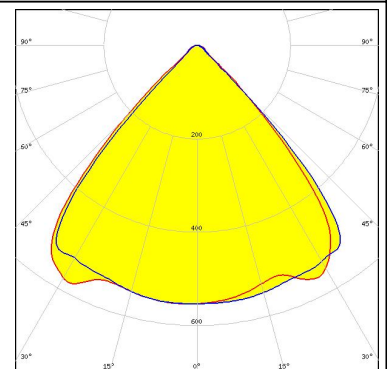
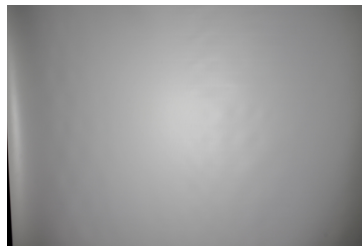
Opto Semiconductors

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



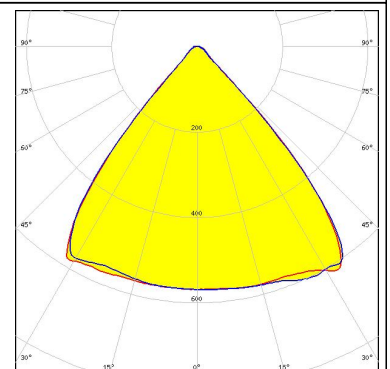
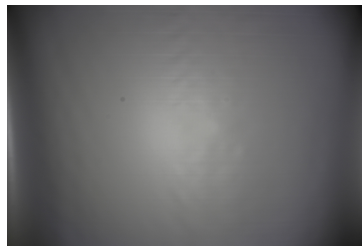
#### PHILIPS

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



#### PHILIPS

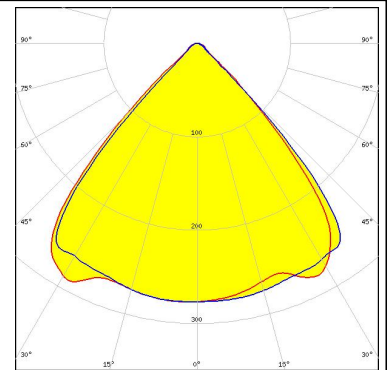
LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4  
 FWHM 82.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

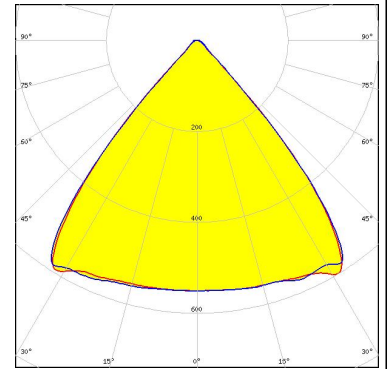
#### PHILIPS

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



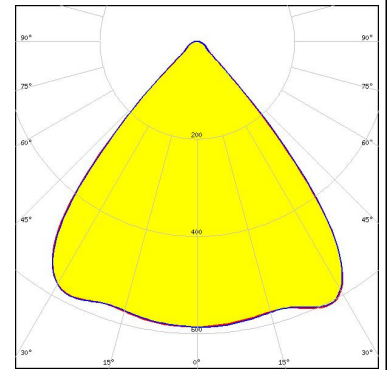
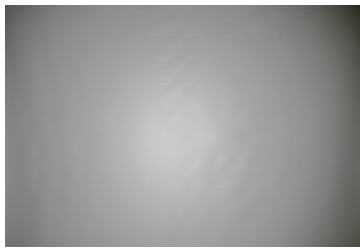
#### SAMSUNG

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



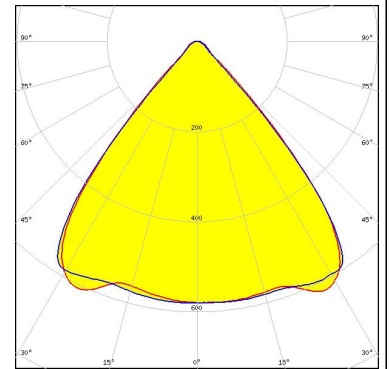
#### SAMSUNG

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


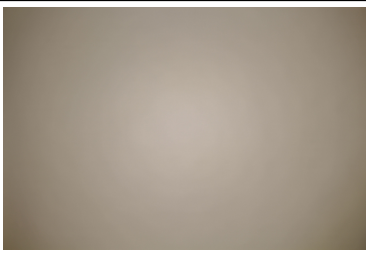
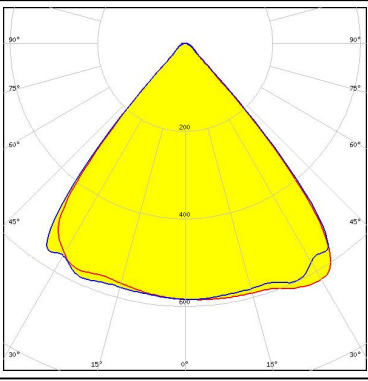


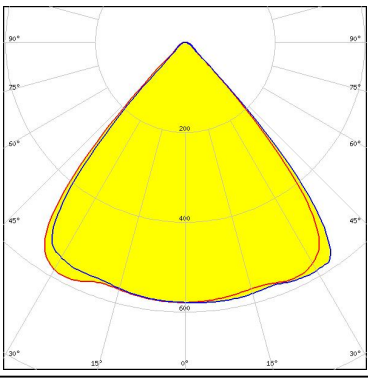


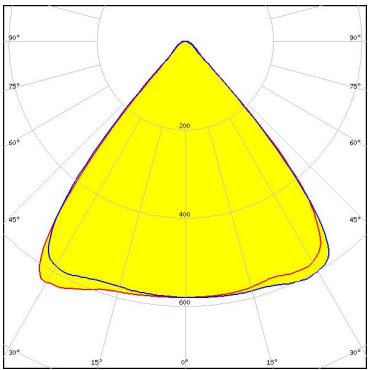


#### SAMSUNG

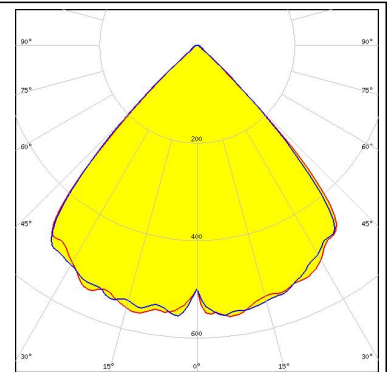
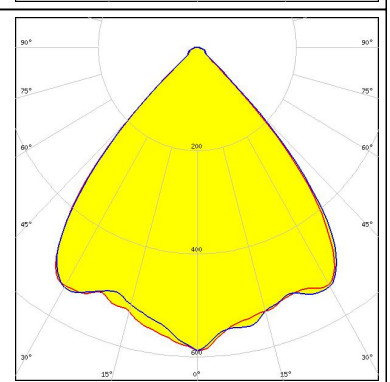
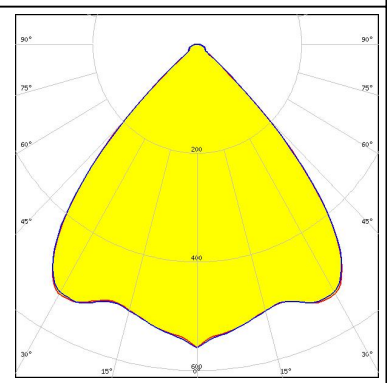
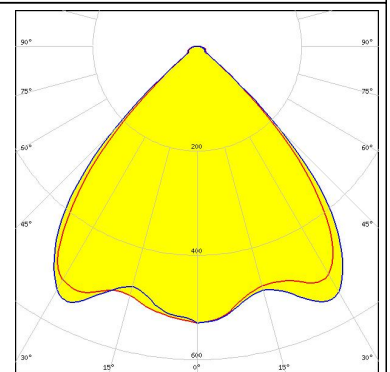
LED LT-R286A  
 FWHM 81.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**PHOTOMETRIC DATA (MEASURED):**

<p> SEOUL SEMICONDUCTOR</p> <p>LED                SEOUL 3030 FWHM            81.0° Efficiency        94 % Peak intensity   0.6 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED                SEOUL 5630C FWHM            82.0° Efficiency        94 % Peak intensity   0.6 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED                SEOUL DC 3030 FWHM            81.0° Efficiency        94 % Peak intensity   0.6 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		

#### PHOTOMETRIC DATA (SIMULATED):

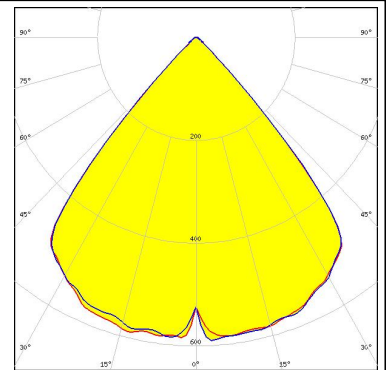
<p><b>LG Innotek</b></p> <p>LED LG 3528            FWHM 86.0°            Efficiency 94 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Round LES            FWHM 84.0°            Efficiency 94 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Square LES            FWHM 86.0°            Efficiency 94 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Duris S8            FWHM 86.0°            Efficiency 94 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	



#### PHOTOMETRIC DATA (SIMULATED):

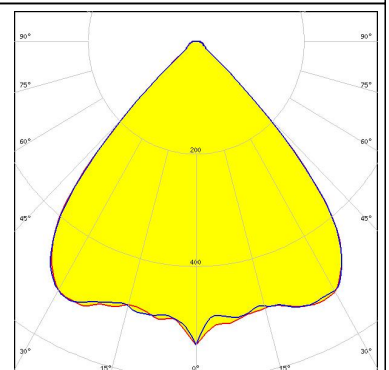
### SAMSUNG

LED LM301B  
FWHM 84.0°  
Efficiency 93 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



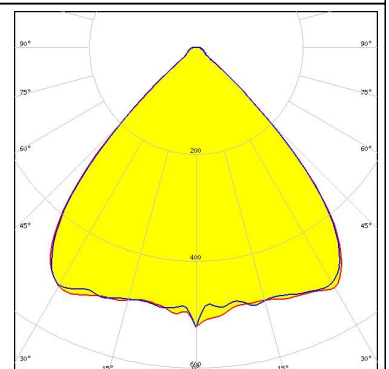
### SAMSUNG

LED LM301B  
FWHM 86.0°  
Efficiency 92 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



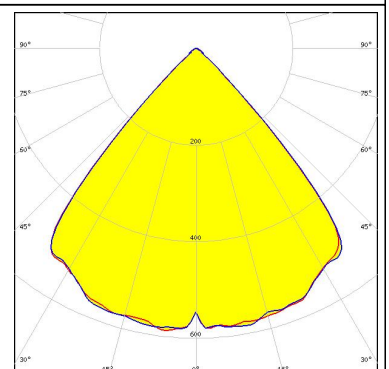
### SAMSUNG

LED LM302Z plus  
FWHM 86.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:


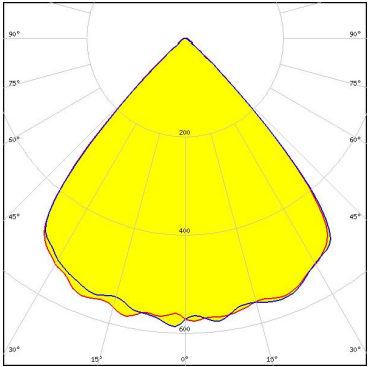

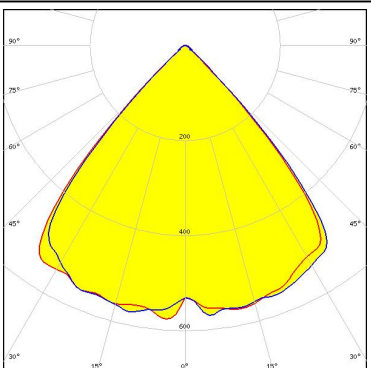


### SAMSUNG

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



#### PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SEOUL DC 3030C 84.0° 94 % 0.6 cd/lm 1 White	
 SEOUL SEMICONDUCTOR	LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SEOUL DC 3528 83.0° 92 % 0.6 cd/lm 1 White	

#### 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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#### Local sales and technical support

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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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