

## FLORENCE2-Z90

~90° wide beam

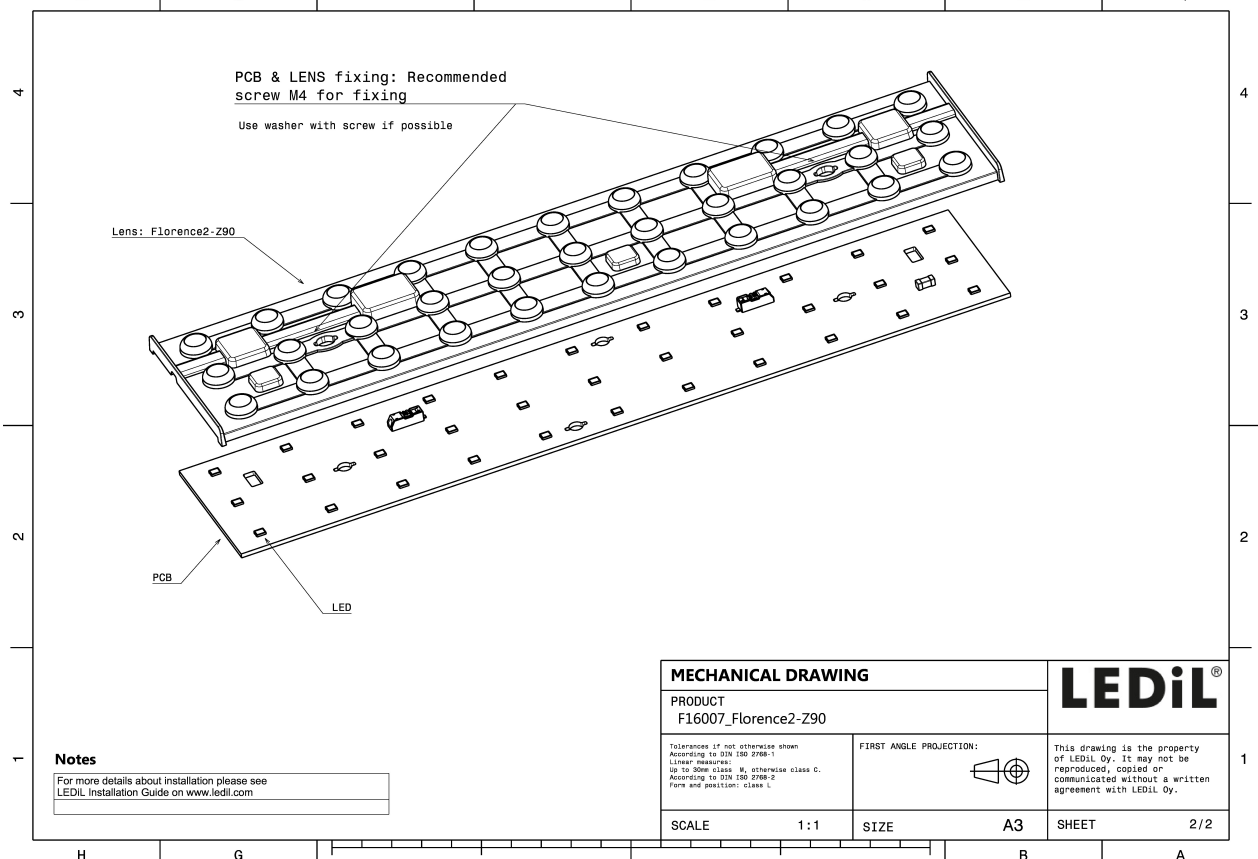
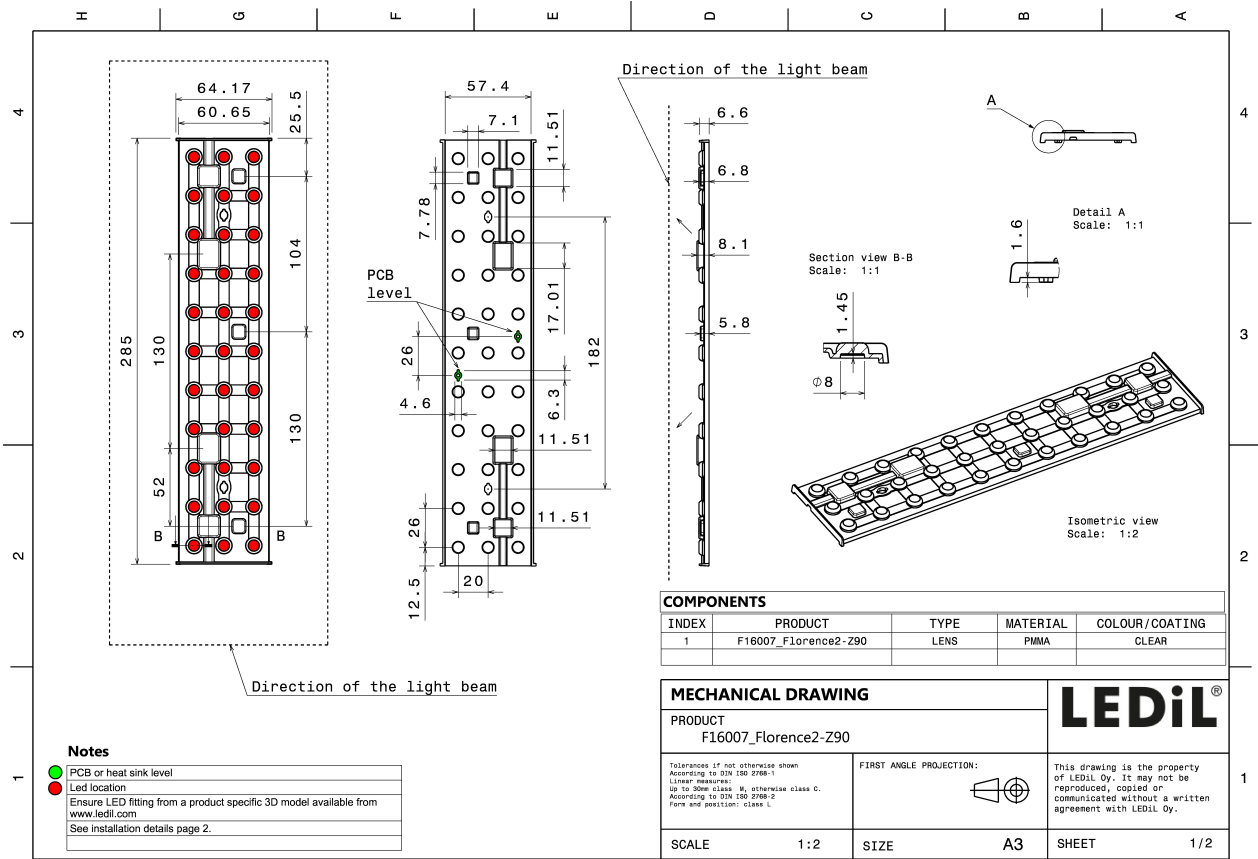
### TECHNICAL SPECIFICATIONS:

Dimensions	285.0 x 64.2 mm
Height	8.1 mm
Fastening	screw
Colour	clear
Box size	398 x 298 x 140 mm
Box weight	4.8 kg
Quantity in Box	78 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

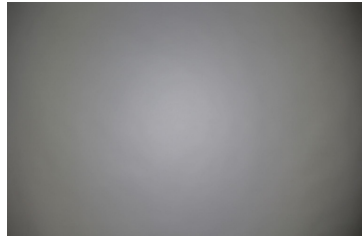
Component	Type	Material	Colour
FLORENCE2-Z90	Lens array	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

#### LG Innotek

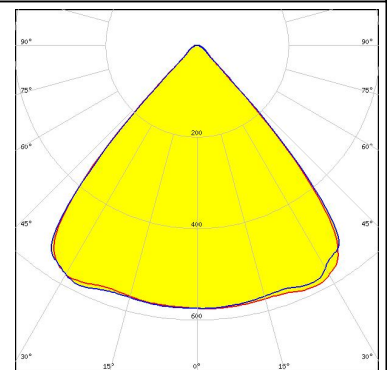
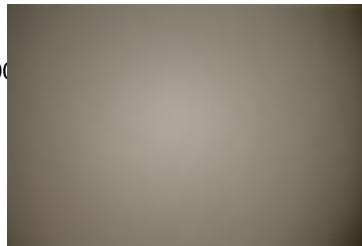
LED LG 6030  
 FWHM 85.0°  
 Efficiency 95 %  
 Peak intensity 0.570 cd/lm  
 Required components:



#### LUMILEDS

LED LUXEON XR-3535L (L202 - xxxx033C3000)

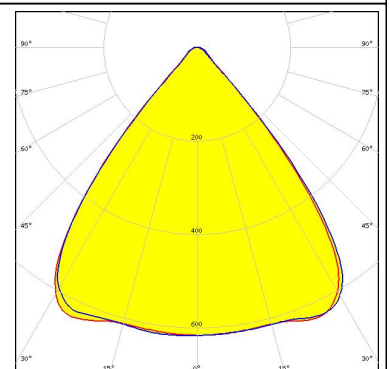
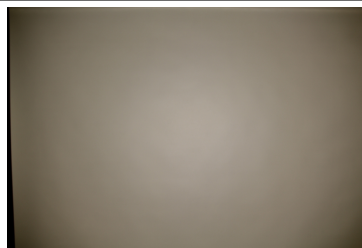
FWHM 83.0°  
 Efficiency 97 %  
 Peak intensity 0.580 cd/lm  
 Required components:



#### OSRAM

LED PLG2-BAR-1100-xxx-280x55-DC

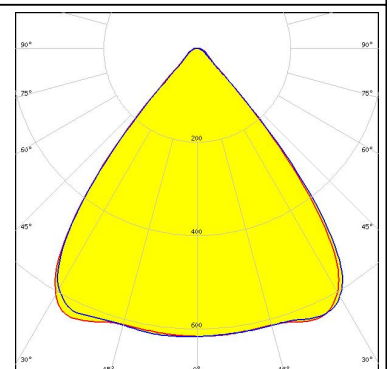
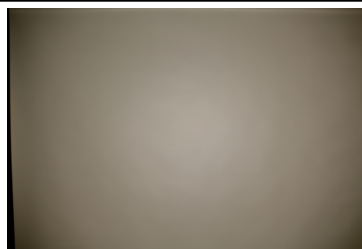
FWHM 79.0°  
 Efficiency 94 %  
 Peak intensity 0.640 cd/lm  
 Required components:



#### OSRAM

LED PLG2-BAR-2200-xxx-560x55-DC

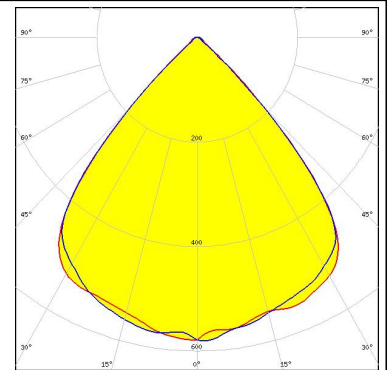
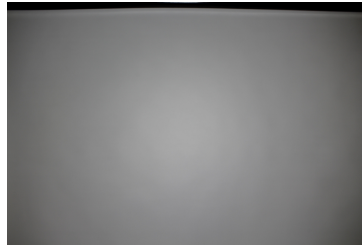
FWHM 79.0°  
 Efficiency 94 %  
 Peak intensity 0.640 cd/lm  
 Required components:



**PHOTOMETRIC DATA (MEASURED):**

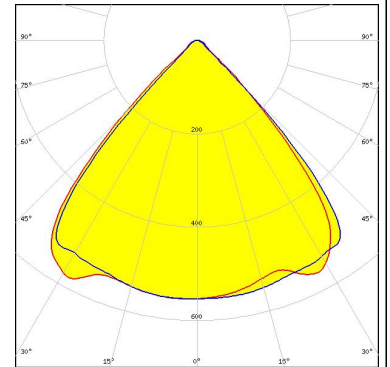
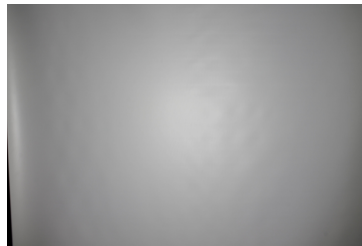
**OSRAM**  
Opto Semiconductors

LED Duris E5  
FWHM 82.0°  
Efficiency 94 %  
Peak intensity 0.600 cd/lm  
Required components:



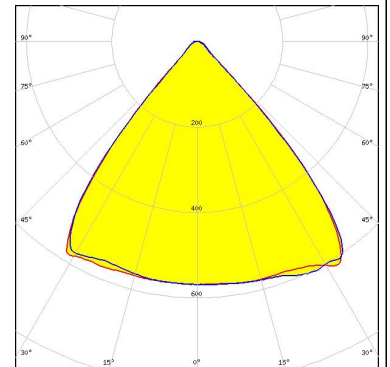
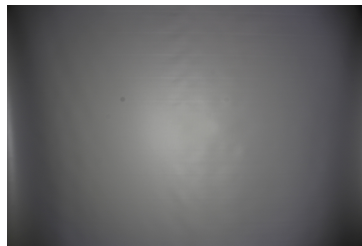
**PHILIPS**

LED Fortimo LED Line 1ft 1100lm 3R xV4  
FWHM 85.0°  
Efficiency 94 %  
Peak intensity 0.580 cd/lm  
Required components:



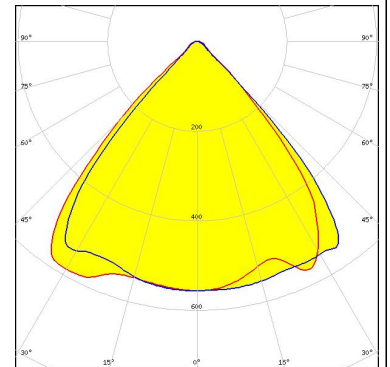
**PHILIPS**

LED Fortimo LED Line 1ft 650lm 3R xV4  
FWHM 82.0°  
Efficiency 94 %  
Peak intensity 0.620 cd/lm  
Required components:



**PHILIPS**

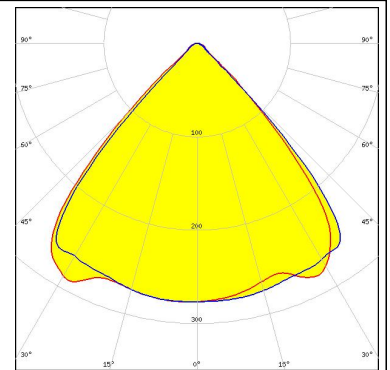
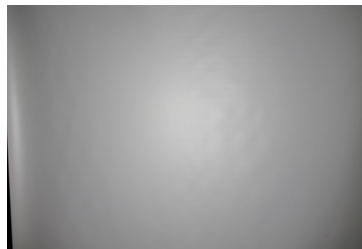
LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV4  
FWHM 85.0°  
Efficiency 94 %  
Peak intensity 0.590 cd/lm  
Required components:



**PHOTOMETRIC DATA (MEASURED):**

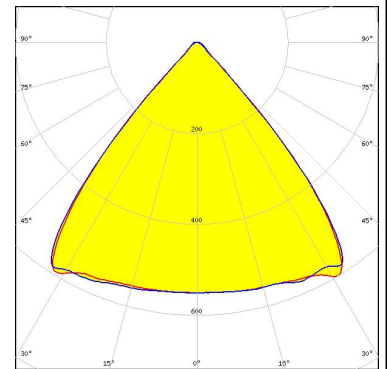
**PHILIPS**

LED Fortimo LED Line 2ft 2200lm 3R HV4  
 FWHM 85.0°  
 Efficiency 94 %  
 Peak intensity 0.580 cd/lm  
 Required components:



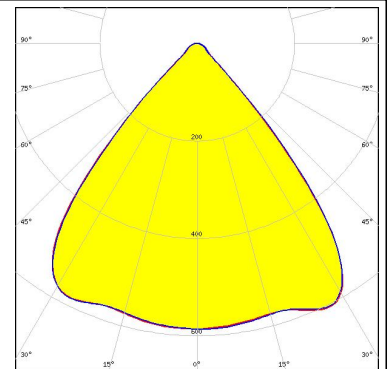
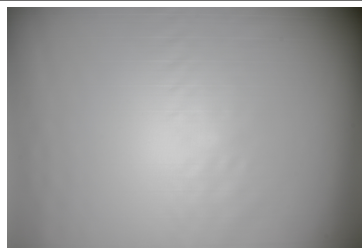
**SAMSUNG**

LED LM28xB Series  
 FWHM 82.0°  
 Efficiency 93 %  
 Peak intensity 0.600 cd/lm  
 Required components:



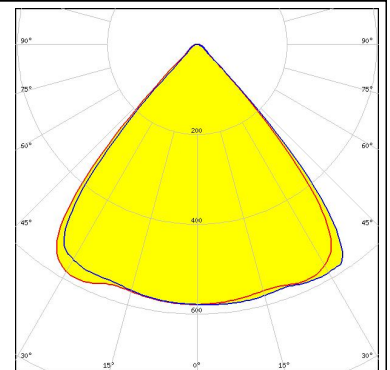
**SAMSUNG**

LED LM561B Plus  
 FWHM 81.0°  
 Efficiency 94 %  
 Peak intensity 0.620 cd/lm  
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL 5630C  
 FWHM 82.0°  
 Efficiency 94 %  
 Peak intensity 0.600 cd/lm  
 Required components:



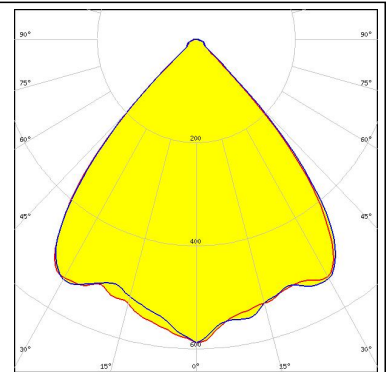
### PHOTOMETRIC DATA (MEASURED):



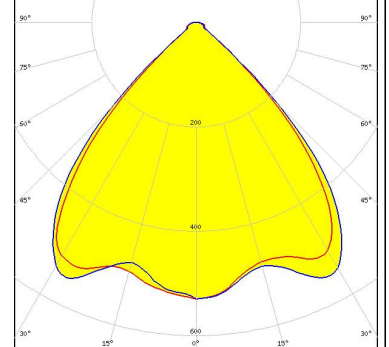
### PHOTOMETRIC DATA (SIMULATED):



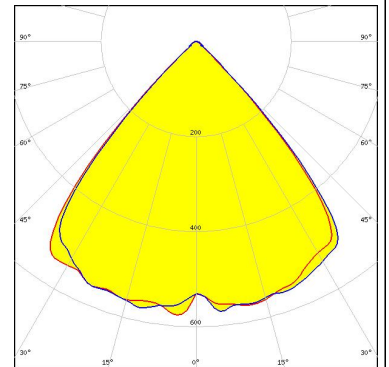
LED LUXEON 5050  
FWHM 84.0°  
Efficiency 94 %  
Peak intensity 0.590 cd/lm  
Required components:



LED Duris S8  
FWHM 86.0°  
Efficiency 94 %  
Peak intensity 0.550 cd/lm  
Required components:



LED SEOUL 3528  
FWHM 83.0°  
Efficiency 92 %  
Peak intensity 0.580 cd/lm  
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.

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