

#### FLORENCE-3R-IP-Z90

~90° wide beam

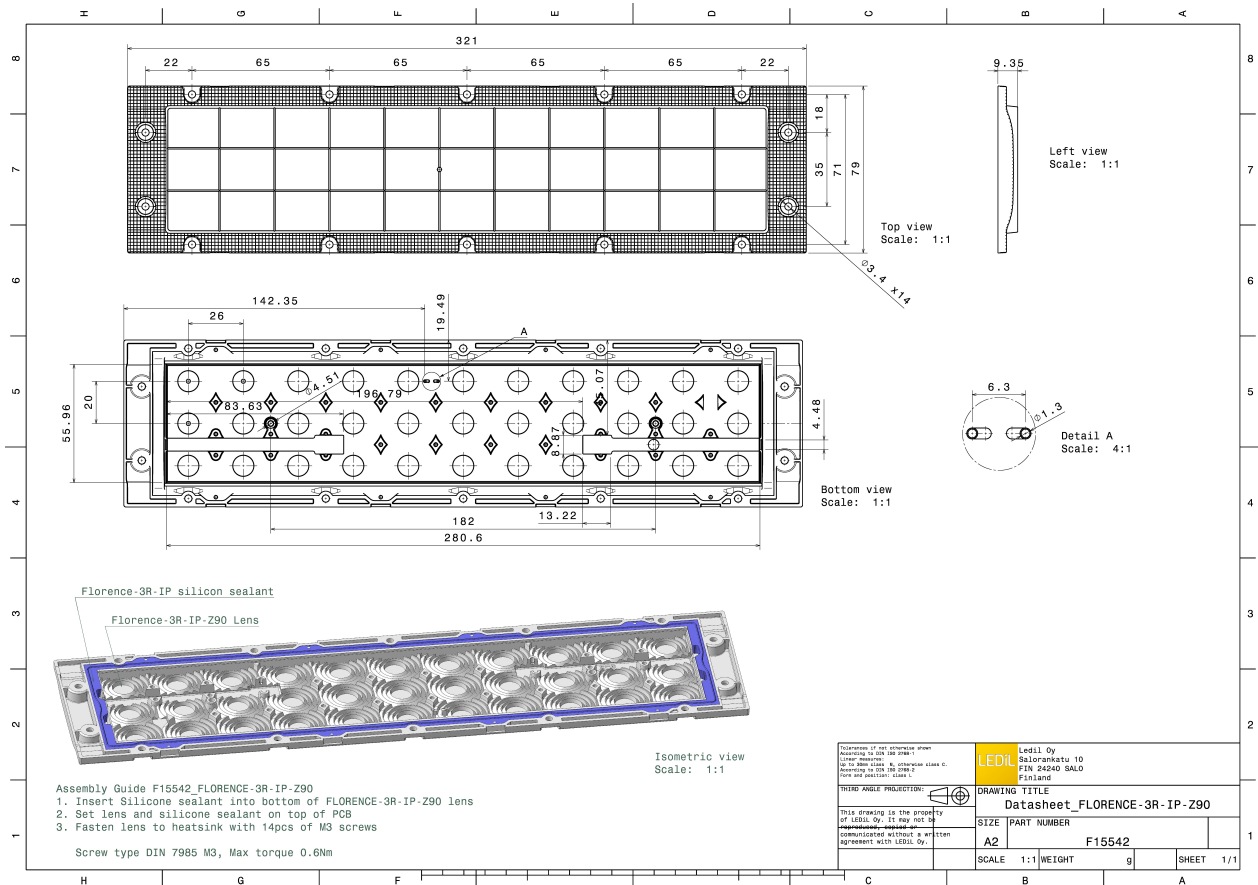
#### TECHNICAL SPECIFICATIONS:

Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Colour	clear
Box size	356 x 356 x 292 mm
Box weight	12.2 kg
Quantity in Box	80 pcs
ROHS compliant	yes ⓘ



#### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
FLORENCE-3R-IP-Z90	Linear lens	PC	clear
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear



# LEDiL<sup>®</sup>

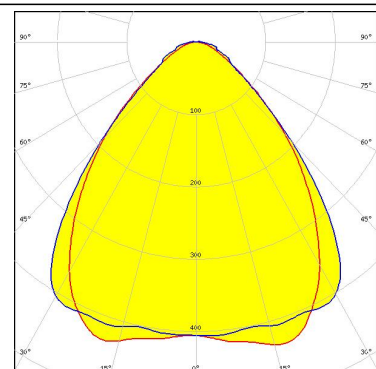
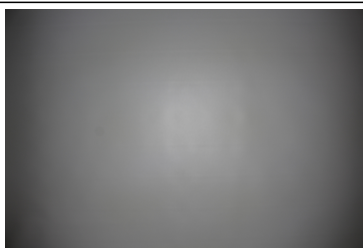
## PRODUCT DATASHEET

FS15626\_FLORENCE-3R-IP-Z90

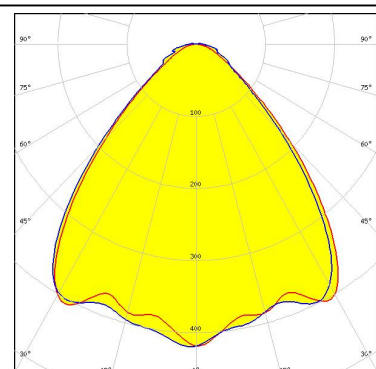
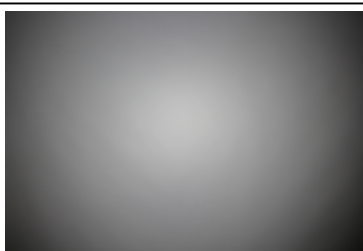
### PHOTOMETRIC DATA (MEASURED):



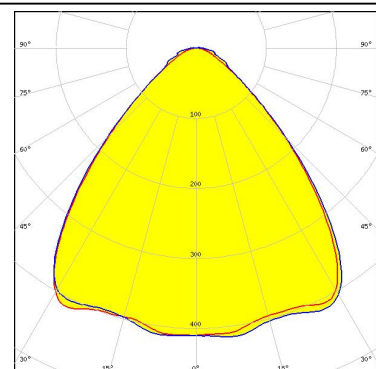
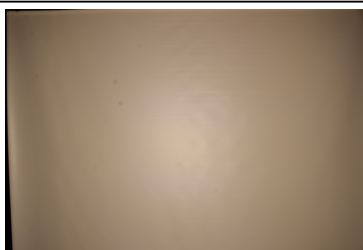
LED LG 6030  
FWHM 90.0°  
Efficiency 89 %  
Peak intensity 0.440 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



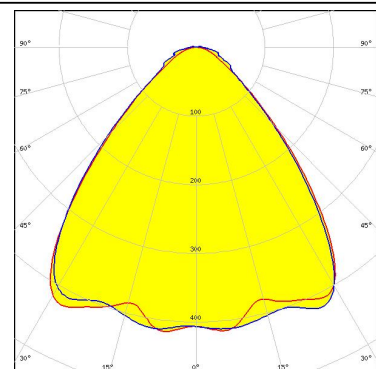
LED Oslon Square Gen3  
FWHM 89.0°  
Efficiency 88 %  
Peak intensity 0.420 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED SEOUL 5630C  
FWHM 87.0°  
Efficiency 87 %  
Peak intensity 0.420 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



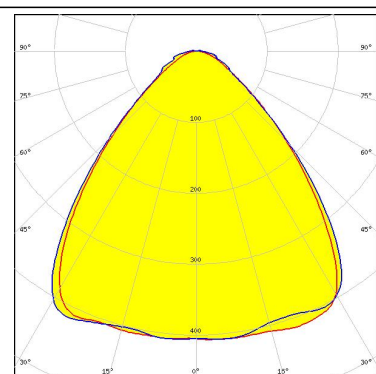
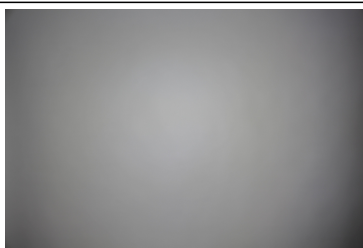
LED SunLike 3030  
FWHM 86.0°  
Efficiency 88 %  
Peak intensity 0.430 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

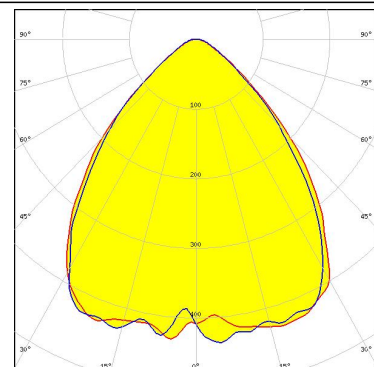
LED LLE G2 55mm 2000lm  
FWHM 86.0°  
Efficiency 88 %  
Peak intensity 0.420 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



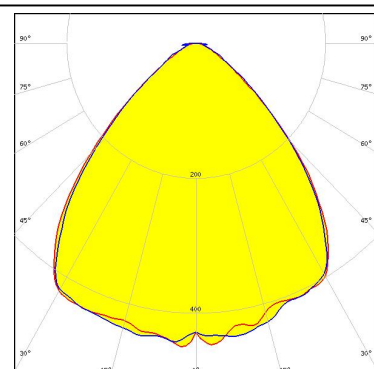
#### PHOTOMETRIC DATA (SIMULATED):



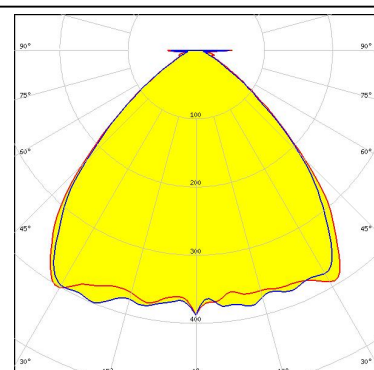
LED Bridgelux SMD 5050  
 FWHM 86.0°  
 Efficiency 84 %  
 Peak intensity 0.450 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



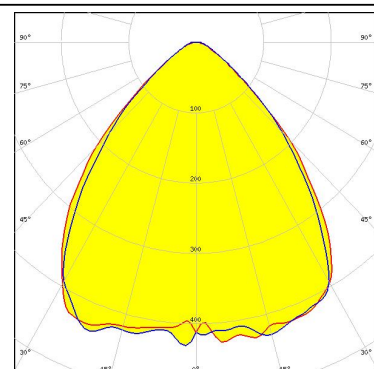
LED XP-E  
 FWHM 89.0°  
 Efficiency 91 %  
 Peak intensity 0.460 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM 95.0°  
 Efficiency 90 %  
 Peak intensity 0.410 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



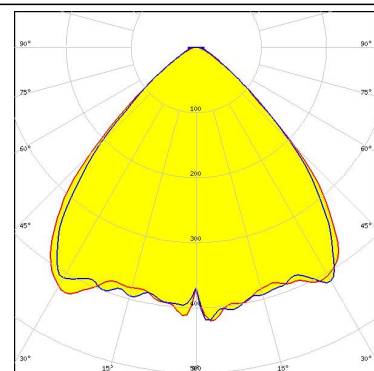
LED LUXEON 5050  
 FWHM 86.0°  
 Efficiency 85 %  
 Peak intensity 0.450 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



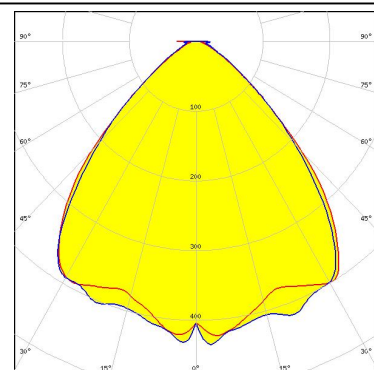
#### PHOTOMETRIC DATA (SIMULATED):



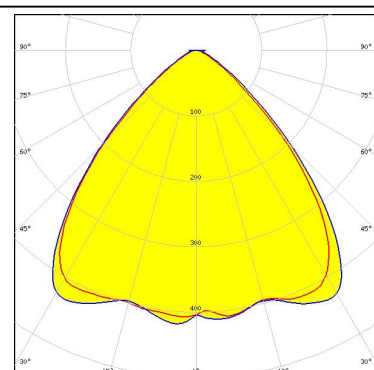
LED LUXEON CZ  
FWHM 92.0°  
Efficiency 86 %  
Peak intensity 0.430 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 89.0°  
Efficiency 89 %  
Peak intensity 0.440 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ P 3737 (2W version)  
FWHM 90.0°  
Efficiency 86 %  
Peak intensity 0.430 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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