

## FLORENCE-1R-GC-Z90

~90° rectangular beam

### SPECIFICATION:

Dimensions	282.6 x 19.0 mm
Height	8.3 mm
Fastening	clips
ROHS compliant	yes ⓘ

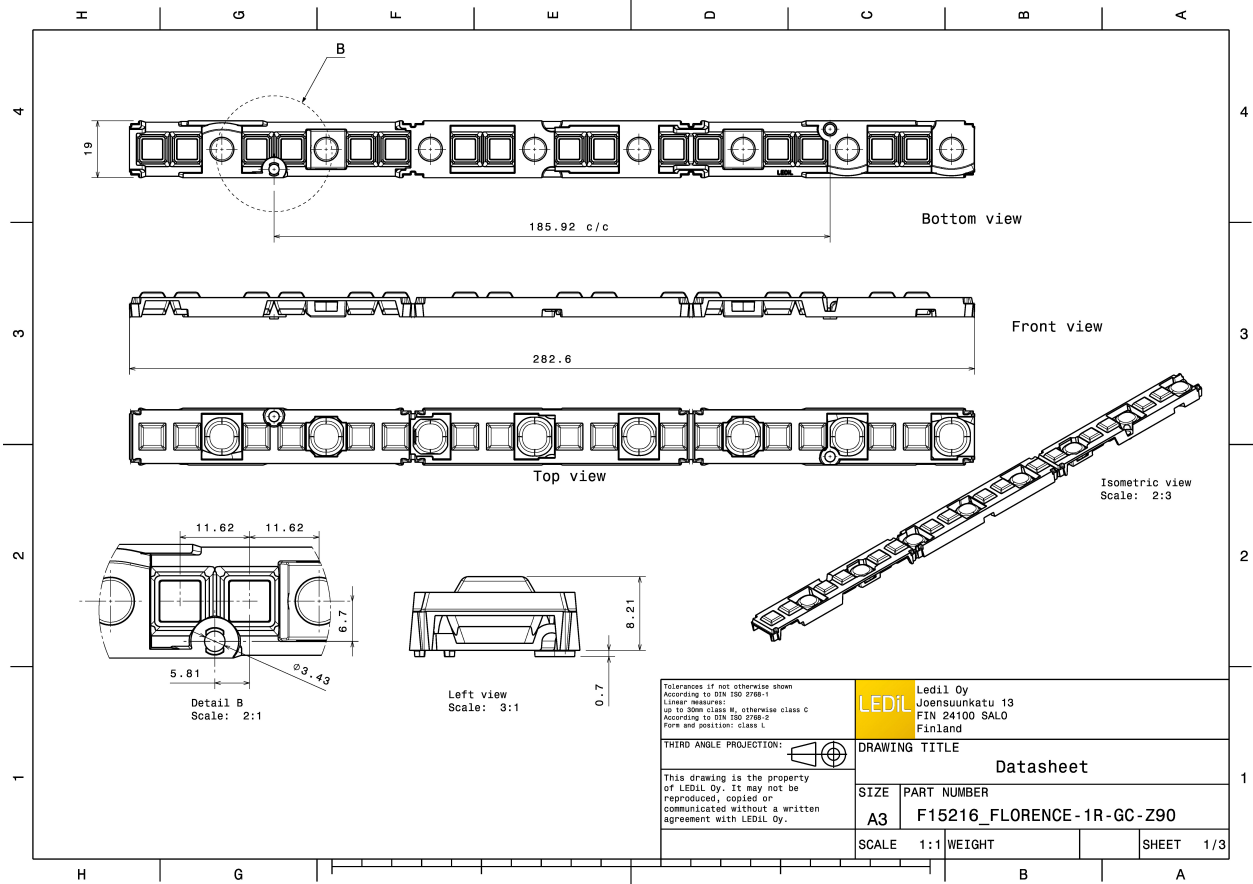
### MATERIALS:



Component	Type	Material	Colour	Finish	Length
FLORENCE-1R-GC-Z90	Linear lens	PMMA	clear		282.6

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15216_FLORENCE-1R-GC-Z90 » Box size: 398 x 298 x 265 mm	165	45	15	6.4





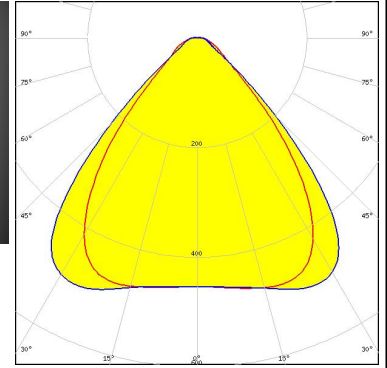
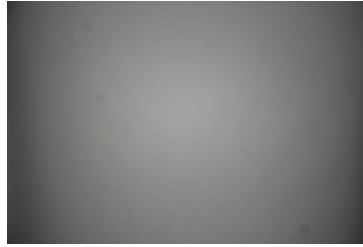
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 2000 class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		 Ledil Oy Joensuukatu 13 FIN 24100 SALO Finland	
THIRD ANGLE PROJECTION: 		DRAWING TITLE Datashet	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER F15216_FLORENCE-1R-GC-Z90
SCALE 1:1	WEIGHT	SHEET 1/3	

See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

### SAMSUNG

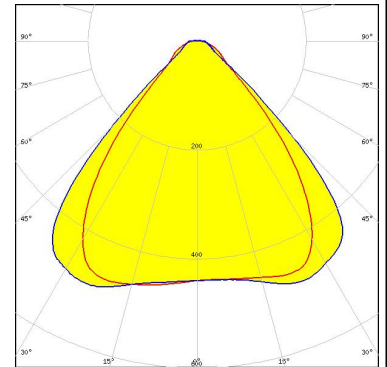
LED LM561B Plus  
FWHM / FWTM 87.0° / 117.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SEOUL DC 3030  
FWHM / FWTM 82.0 + 91.0° / 126.0 + 112.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

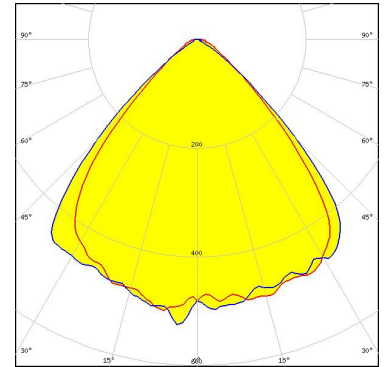


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



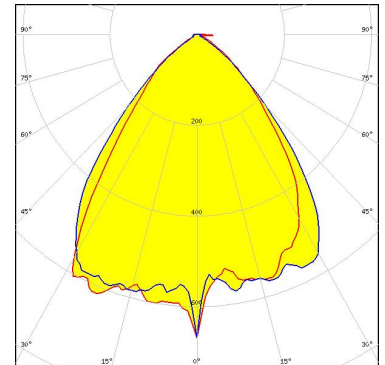
LED LUXEON 2835 Line  
 FWHM / FWTM 87.0° / 113.0°  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



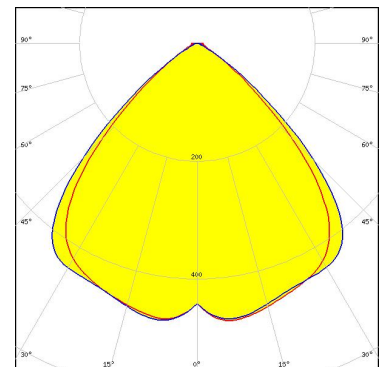
LED NF2x757D  
 FWHM / FWTM 90.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED Duris E 2835  
 FWHM / FWTM 91.0° / 115.0°  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

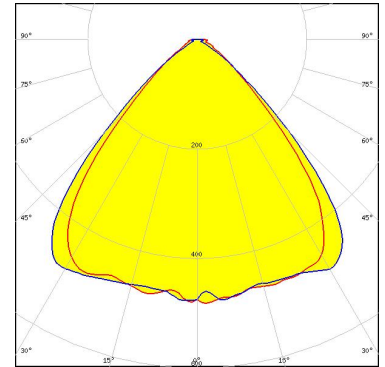


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

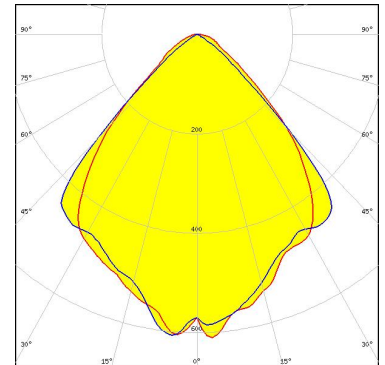
LED LH181B  
FWHM / FWTM 87.0° / 115.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

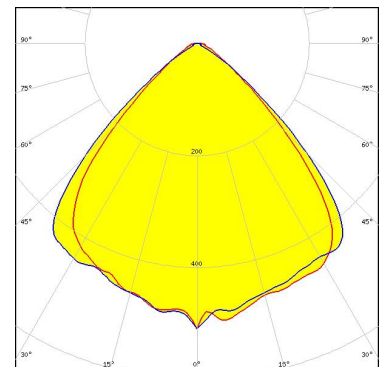
LED LM561B  
FWHM / FWTM 87.0° / 115.0°  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SEOUL DC 3030C  
FWHM / FWTM 90.0° / 115.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### 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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