

## FLORENCE-3R-IP-Z90

~90° wide beam

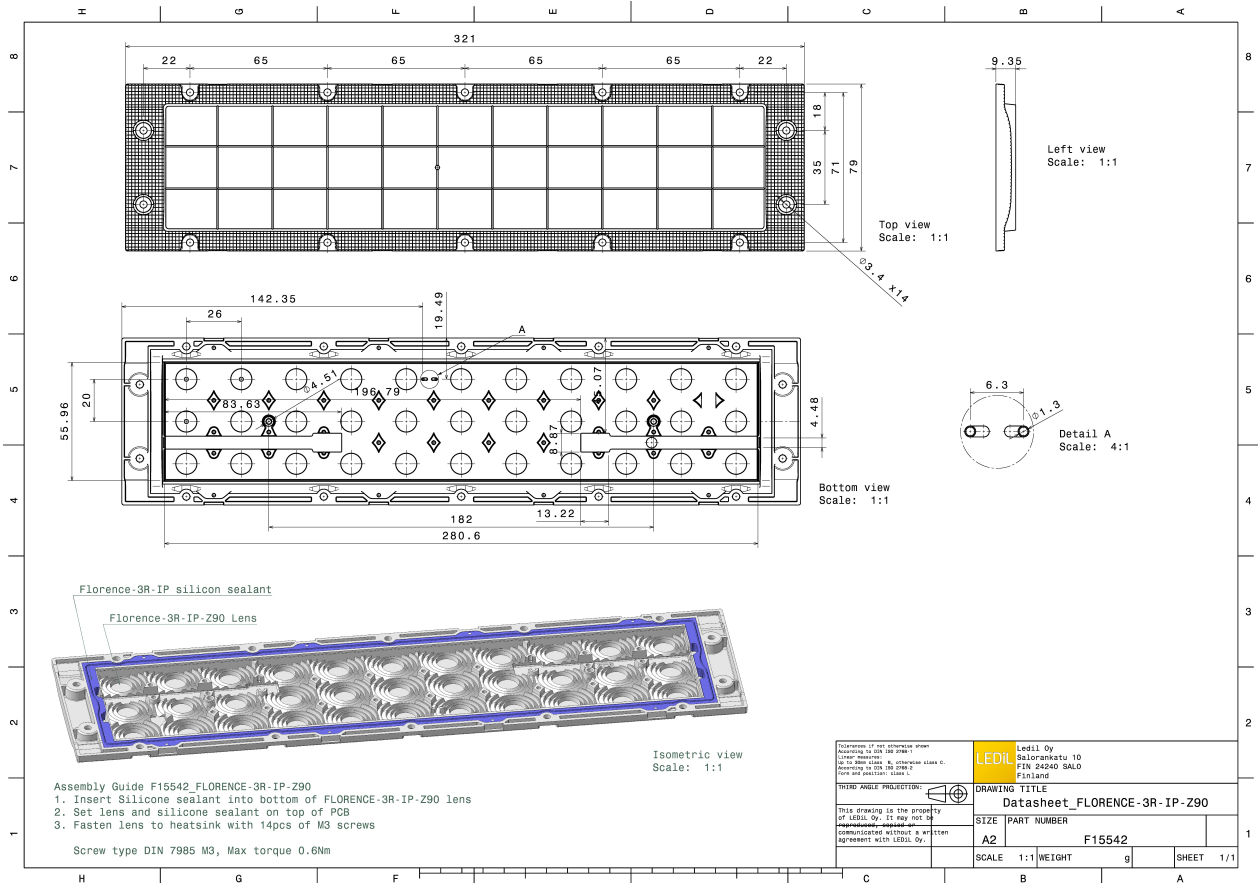
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| 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:

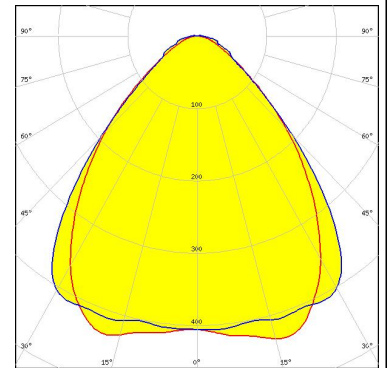
| Component           | Type | Material | Colour |
|---------------------|------|----------|--------|
| FLORENCE-3R-IP-Z90  | Lens | PC       | clear  |
| FLORENCE-3R-IP-SEAL | Seal | Silicone | clear  |



#### PHOTOMETRIC DATA (MEASURED):

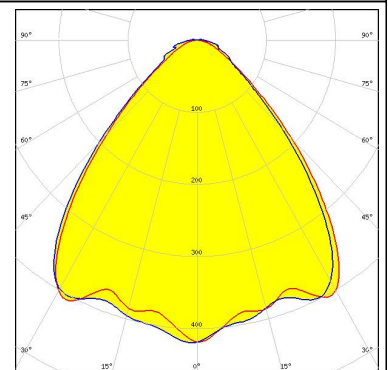
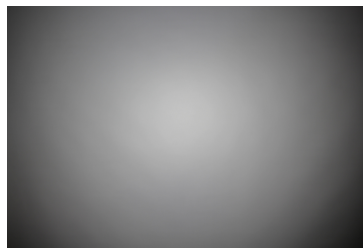
##### LG Innotek

LED LG 6030  
 FWHM 90.0°  
 Efficiency 89 %  
 Peak intensity 0.440 cd/lm  
 Required components:



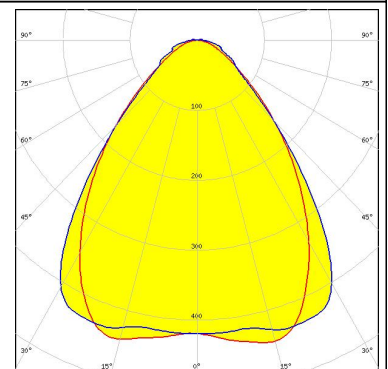
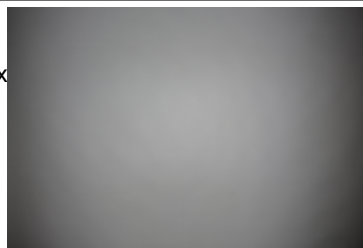
##### OSRAM Opto Semiconductors

LED Oslon Square Gen3  
 FWHM 89.0°  
 Efficiency 88 %  
 Peak intensity 0.420 cd/lm  
 Required components:



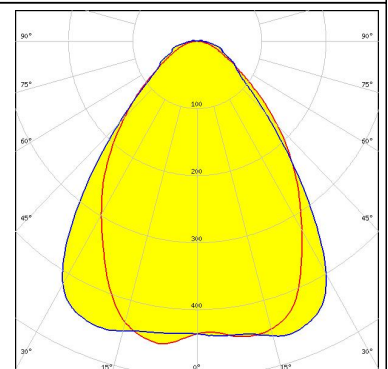
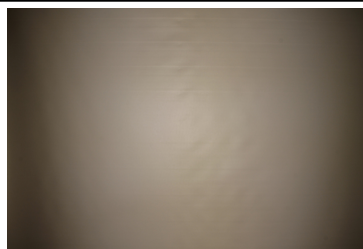
##### PHILIPS

LED Fortimo LED Line 1ft 1100lm xx0 3R xV2/x  
 FWHM 85.0°  
 Efficiency 87 %  
 Peak intensity 0.450 cd/lm  
 Required components:



##### PHILIPS

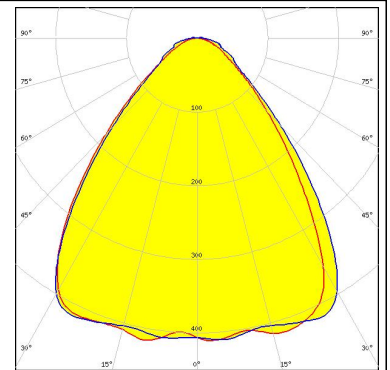
LED Fortimo LED Line 1ft 2000lm 8xx 3R HV2  
 FWHM 78.0°  
 Efficiency 86 %  
 Peak intensity 0.460 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

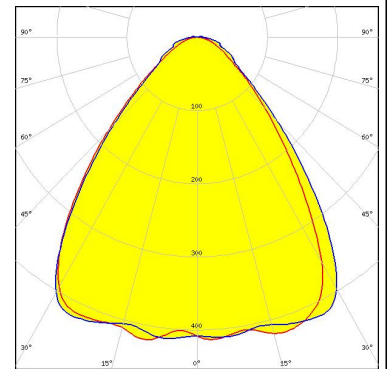
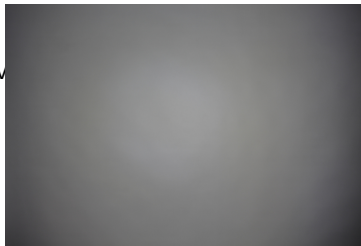
#### PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV  
 FWHM 84.0°  
 Efficiency 86 %  
 Peak intensity 0.420 cd/lm  
 Required components:



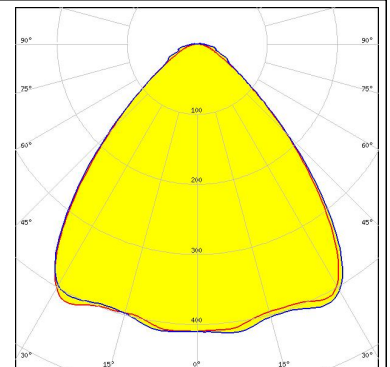
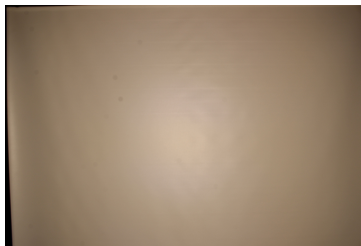
#### PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV  
 FWHM 86.0°  
 Efficiency 86 %  
 Peak intensity 0.420 cd/lm  
 Required components:



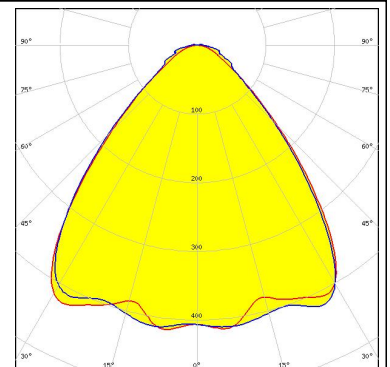
SEOUL SEMICONDUCTOR

LED SEOUL 5630C  
 FWHM 87.0°  
 Efficiency 87 %  
 Peak intensity 0.420 cd/lm  
 Required components:



SEOUL SEMICONDUCTOR

LED SunLike 3030  
 FWHM 86.0°  
 Efficiency 88 %  
 Peak intensity 0.430 cd/lm  
 Required components:





#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

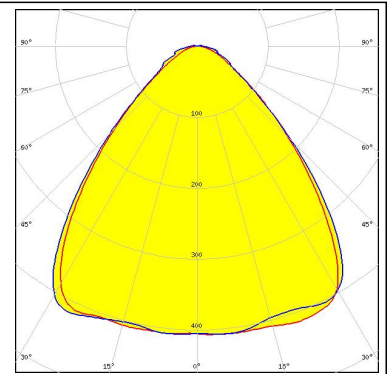
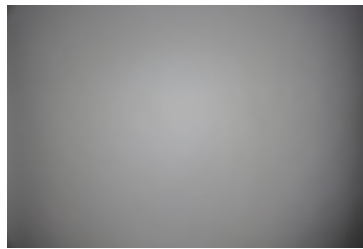
LED LLE G2 55mm 2000lm

FWHM 86.0°

Efficiency 88 %

Peak intensity 0.420 cd/lm

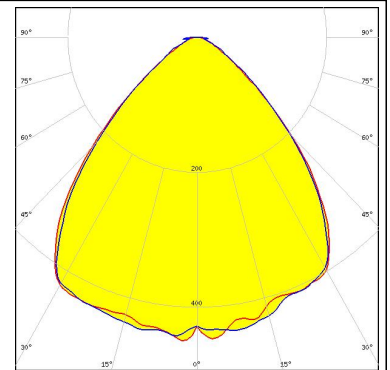
Required components:



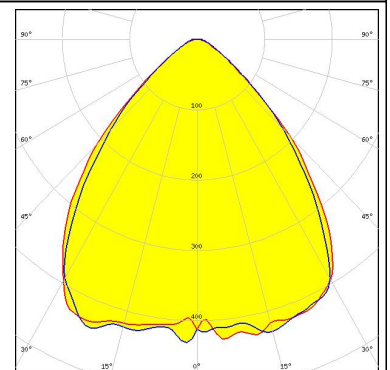
#### PHOTOMETRIC DATA (SIMULATED):



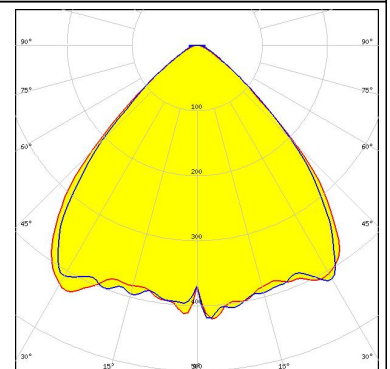
LED XP-E  
FWHM 89.0°  
Efficiency 91 %  
Peak intensity 0.460 cd/lm  
Required components:



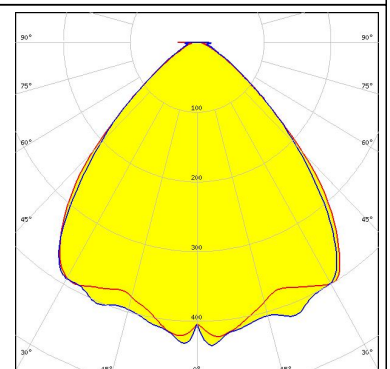
LED LUXEON 5050  
FWHM 86.0°  
Efficiency 85 %  
Peak intensity 0.450 cd/lm  
Required components:



LED LUXEON CZ  
FWHM 92.0°  
Efficiency 86 %  
Peak intensity 0.430 cd/lm  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 89.0°  
Efficiency 89 %  
Peak intensity 0.440 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:

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

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

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