

FLORENCE-3R-IP-Z90

~90° wide beam

TECHNICAL SPECIFICATIONS:

| | |
|----------------------------|-----------------|
| Dimensions | 321.0 x 79.0 mm |
| Height | 9.4 mm |
| Fastening | screw |
| Ingress protection classes | IP67 |
| ROHS compliant | yes ⓘ |

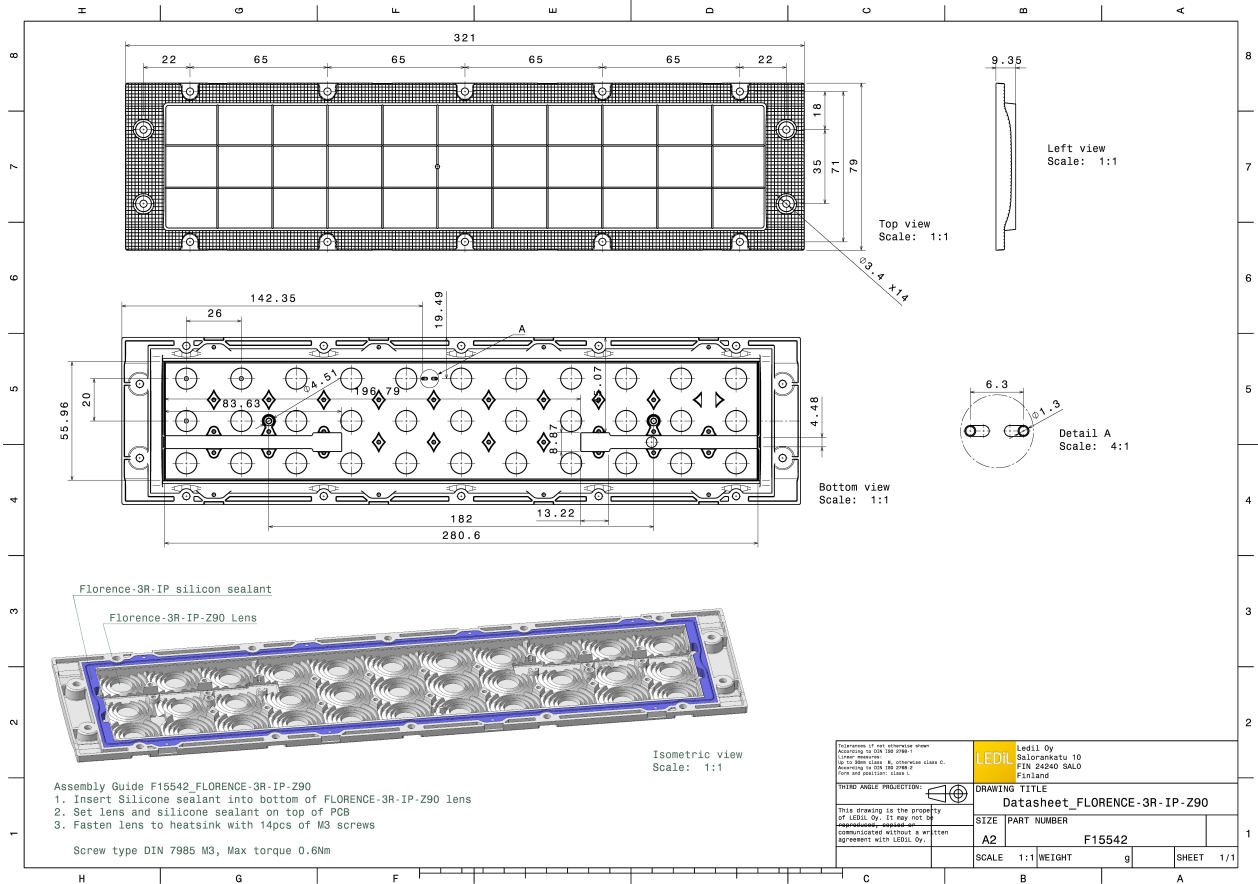
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:


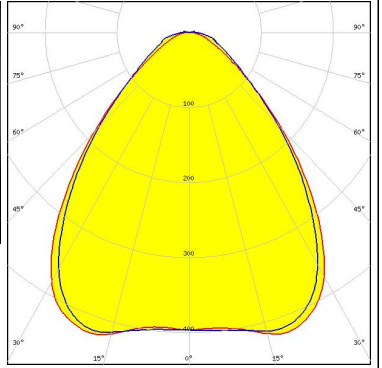

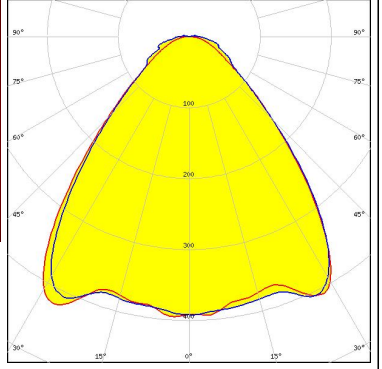
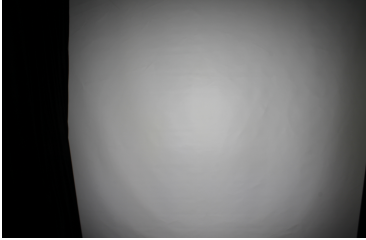
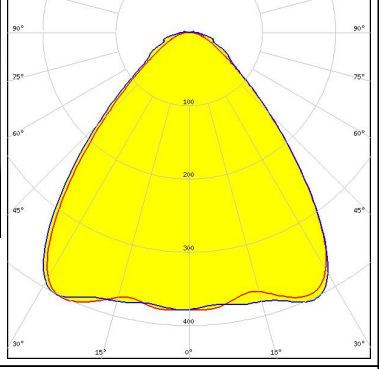
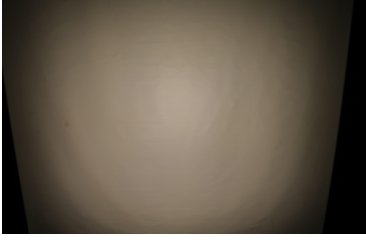
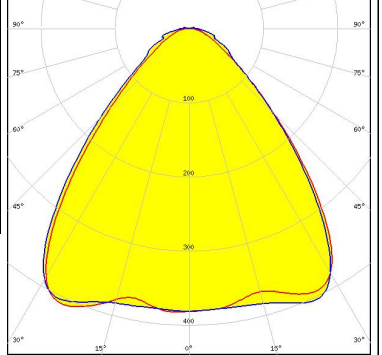
| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|-------------|------------|-----|-----|-----------------|
| FS15626_FLORENCE-3R-IP-Z90 » Box size: 356 x 356 x 292 mm | Linear lens | 80 | 80 | 4 | 12.2 |



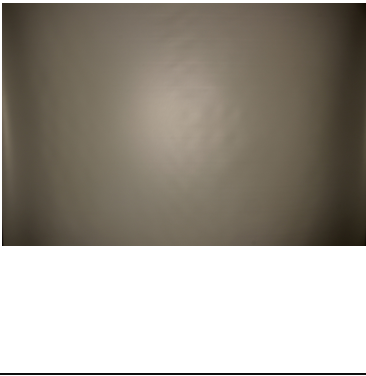
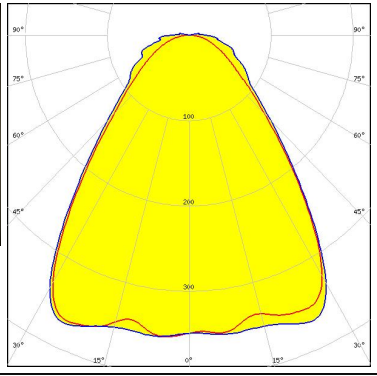
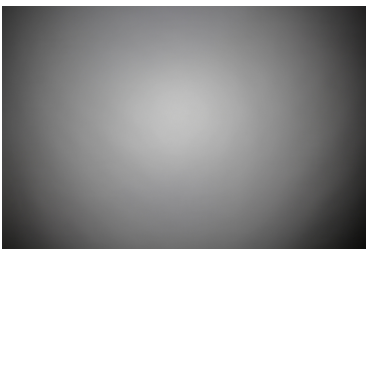
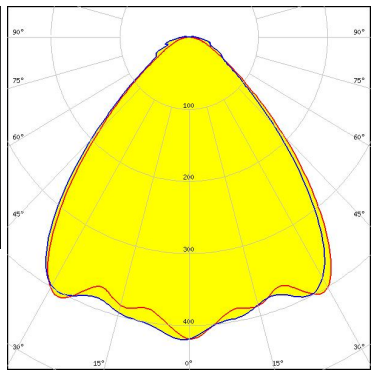
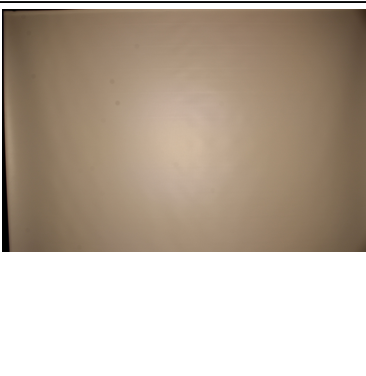
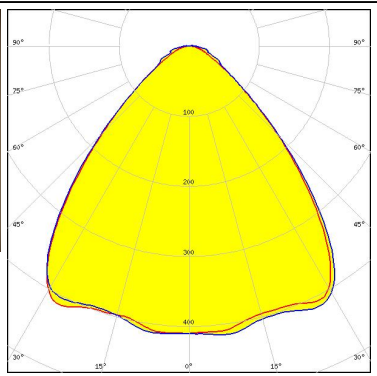

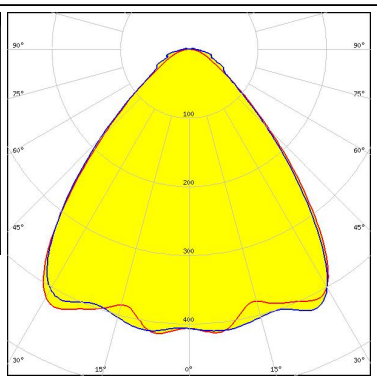


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

| | | |
|--|--|---|
| <p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 87.0° / 136.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>LUMINUS</p> <p>LED SST-10-B130</p> <p>FWHM / FWTM 84.0° / 129.0 + 151.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Deep Red</p> <p>Required components:</p> |  |  |
| <p>MST <i>Your solutions</i></p> <p>LED LinLED 280x55mm 1100lm 840 3x11 33V Opt G2</p> <p>FWHM / FWTM 83.5 + 85.0° / 124.0 + 134.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>MST <i>Your solutions</i></p> <p>LED LinLED 280x55mm 2000lm 830 33V Opt G1</p> <p>FWHM / FWTM 83.0 + 84.5° / 124.0 + 134.5°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

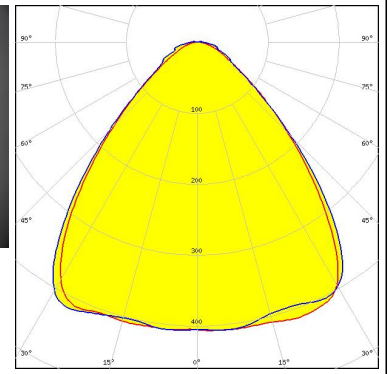
PHOTOMETRIC DATA (MEASURED):

| | | |
|---|--|---|
| <p>OSRAM Opto Semiconductors</p> <p>LED Duris S2</p> <p>FWHM / FWTM 82.0° / 154.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 89.0° / 131.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630C</p> <p>FWHM / FWTM 87.0° / 127.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030</p> <p>FWHM / FWTM 86.0° / 123.0 + 134.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

PHOTOMETRIC DATA (MEASURED):

TRIDONIC

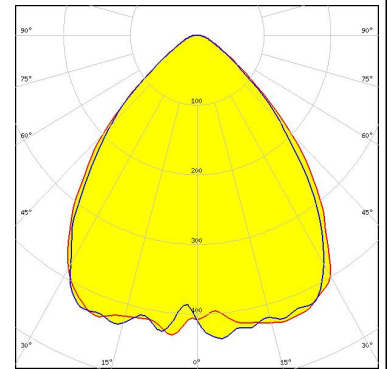
LED LLE G2 55x280mm 2000lm
FWHM / FWTM 86.0° / 130.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



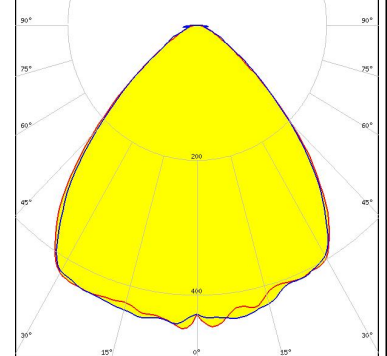
PHOTOMETRIC DATA (SIMULATED):



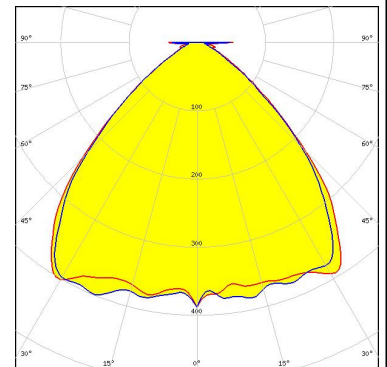
LED Bridgelux SMD 5050
 FWHM / FWTM 86.0° / 121.0°
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



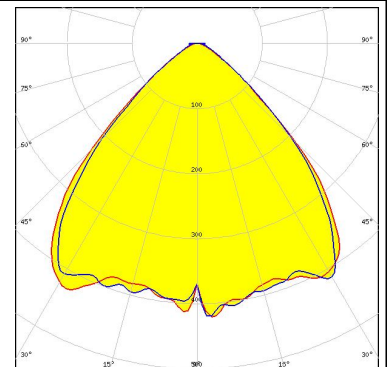
LED XP-E
 FWHM / FWTM 89.0° / 124.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 95.0° / 124.0°
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON CZ
 FWHM / FWTM 92.0° / 120.0°
 Efficiency 86 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

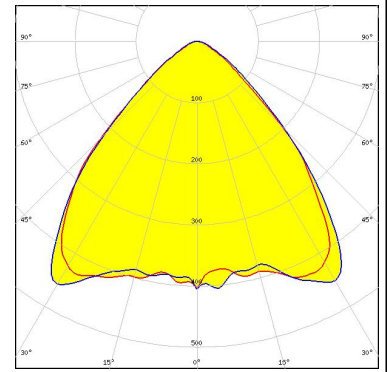
| | |
|---|--|
| <p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 88.0 + 82.0° / 122.0 + 120.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |
| <p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM 89.0° / 123.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |
| <p>OSRAM Opto Semiconductors</p> <p>LED Duris E 2835</p> <p>FWHM / FWTM 81.0° / 122.0°</p> <p>Efficiency %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components:</p> | |
| <p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 81.0° / 118.0 + 133.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

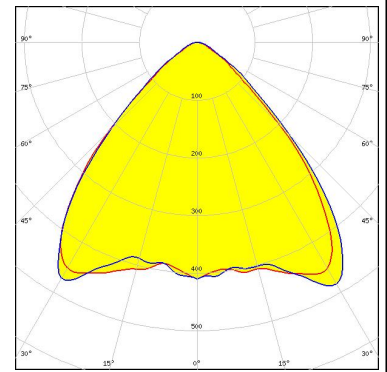
LED OSCONIQ P 3030
 FWHM / FWTM 89.0° / 119.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

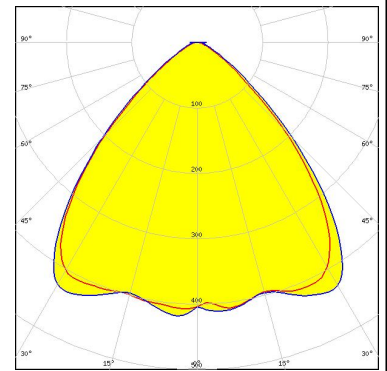
LED OSCONIQ P 3030
 FWHM / FWTM 89.0° / 118.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour Hyper Red
 Required components:



OSRAM

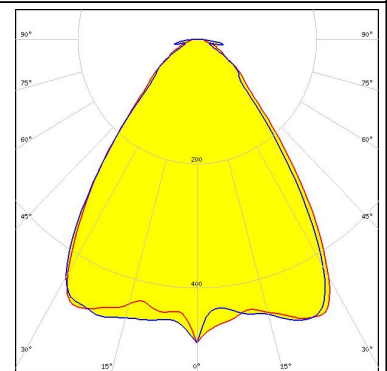
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
 FWHM / FWTM 90.0° / 121.0°
 Efficiency 86 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LM302Z
 FWHM / FWTM 78.0° / 123.0°
 Efficiency 91 %
 Peak intensity 0.5 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:

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