

FLORENCE-Z90-B

~90° wide beam with added compatibility for Philips G4 LED modules

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-----------------|
| Dimensions | 61.0 x 286.0 mm |
| Height | 8.5 mm |
| Fastening | screw |
| ROHS compliant | yes ⓘ |

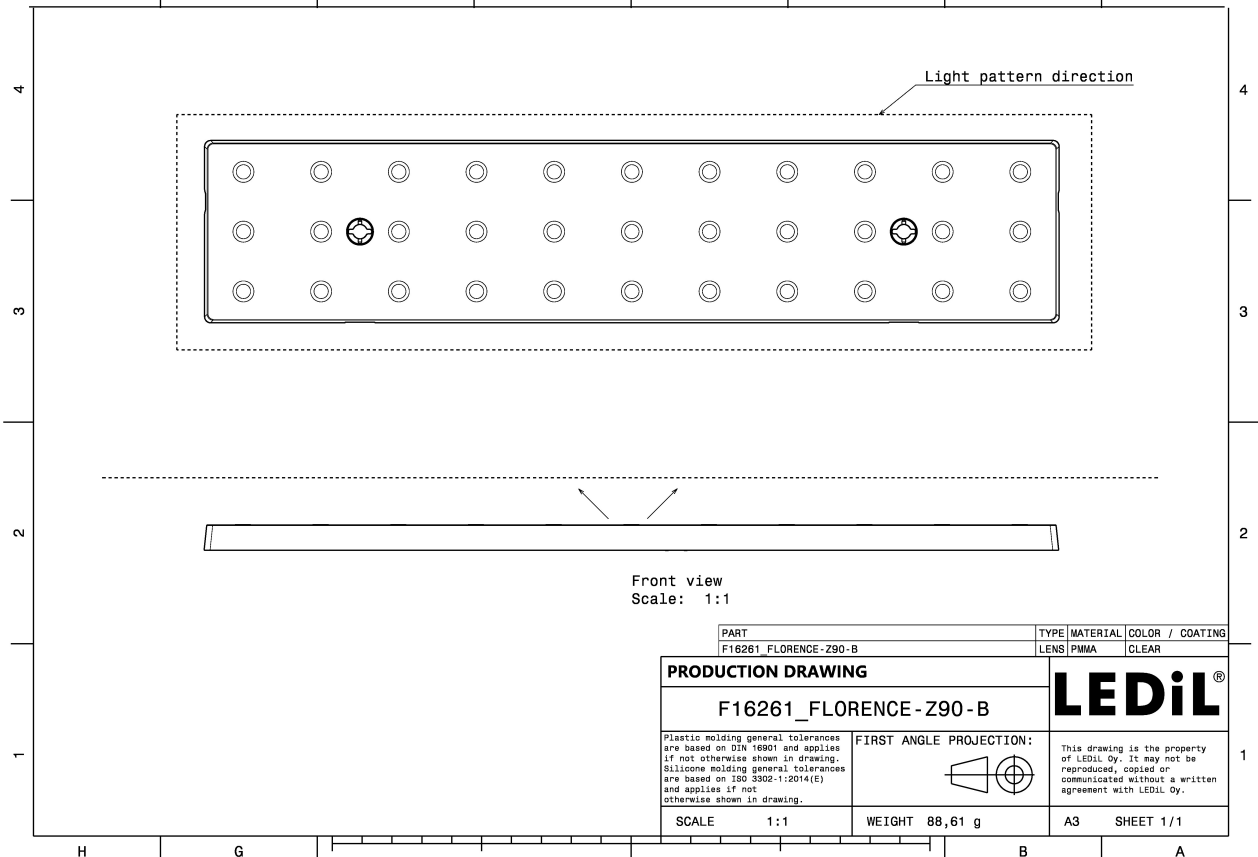
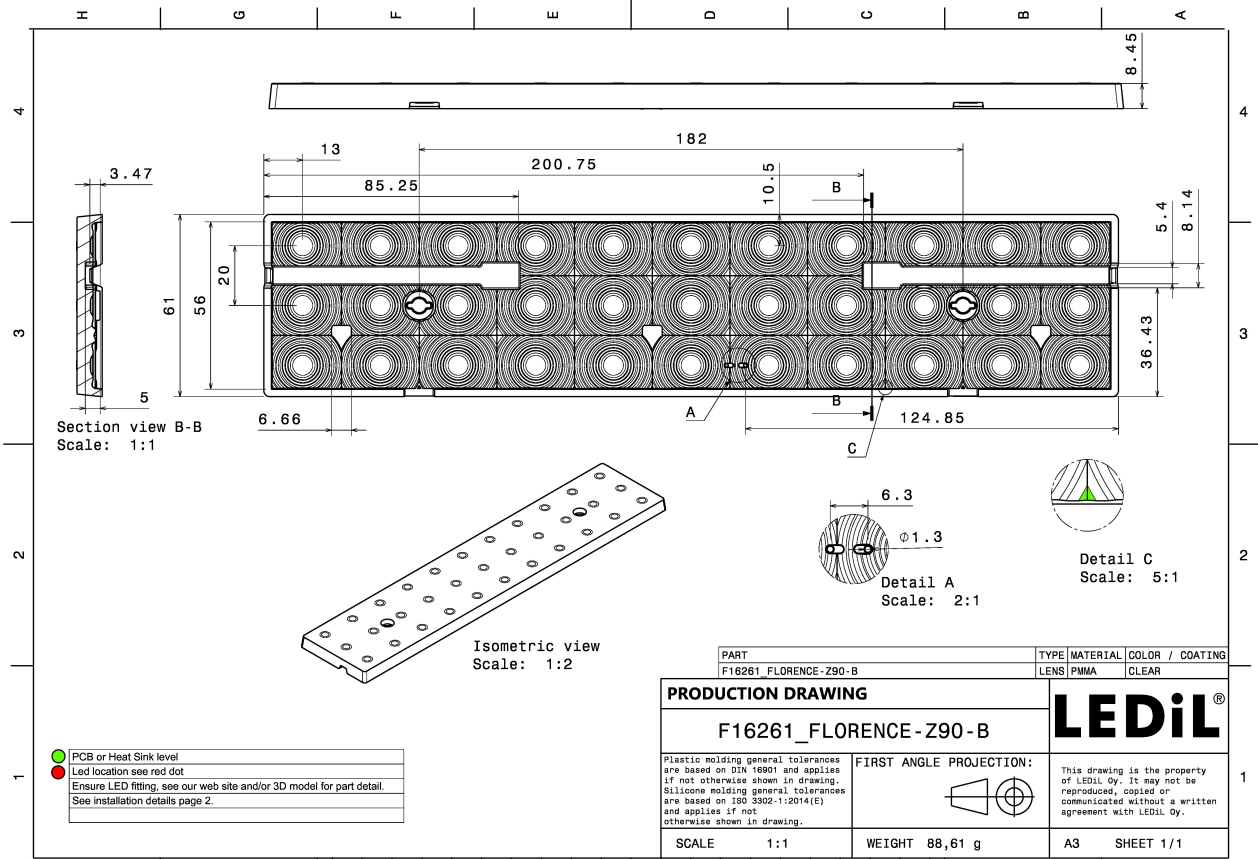
MATERIAL SPECIFICATIONS:

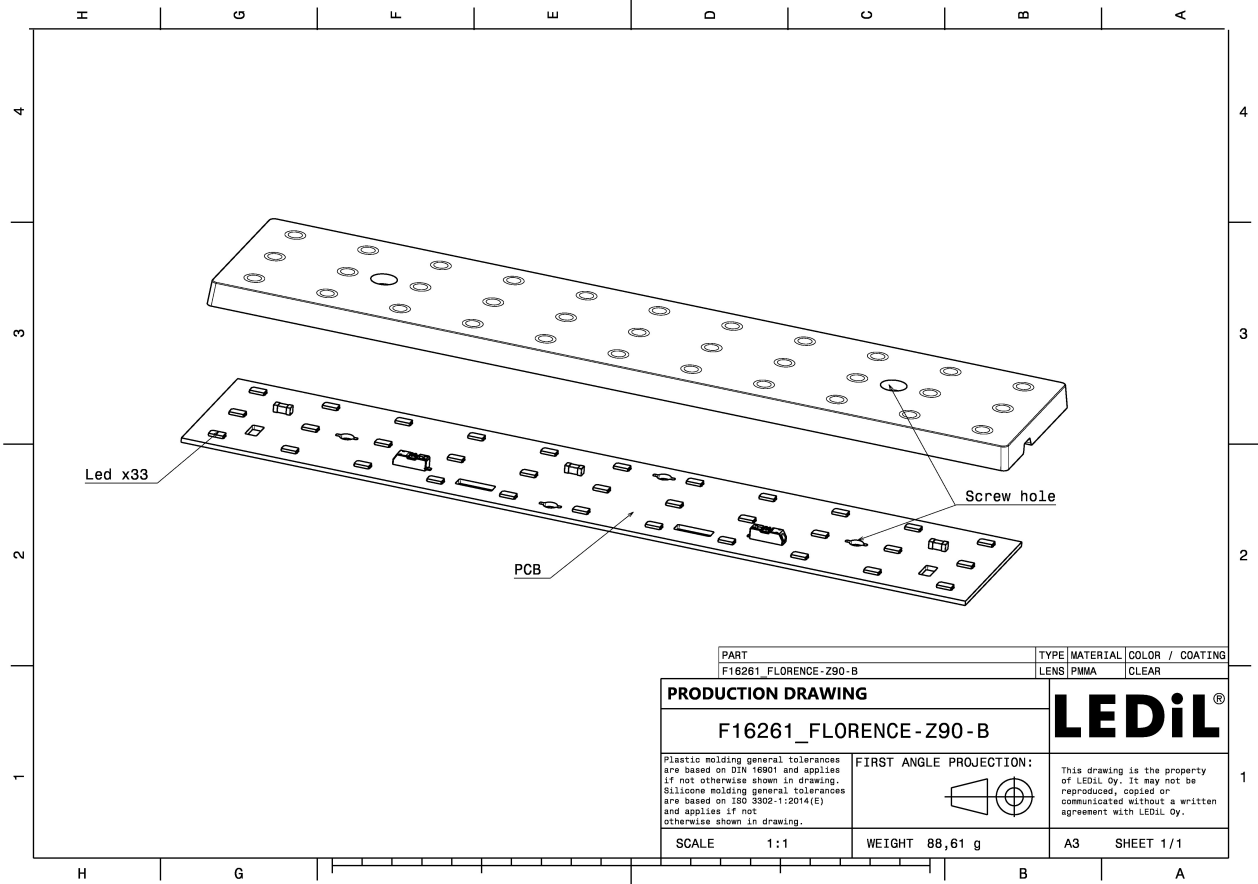
| Component | Type | Material | Colour | Finish |
|----------------|-------------|----------|--------|--------|
| FLORENCE-Z90-B | Linear lens | PMMA | clear | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| F16261_FLORENCE-Z90-B » Box size: 398 x 298 x 140 mm | 72 | 18 | 6 | 7.8 |







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

PHOTOMETRIC DATA (MEASURED):

CREE LED

LED XH-B/G
FWHM / FWTM 95.0° / 140.0°
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON 3030 2D (Round LES)
FWHM / FWTM 91.0° / 132.0°
Efficiency 87 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON 3535 2D
FWHM / FWTM 92.0° / 135.0°
Efficiency 87 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON 3535L HE
FWHM / FWTM 92.0° / 139.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON XR-3535L (L202 - xxxx033C30001)
FWHM / FWTM 91.0° / 134.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMINUS

LED MP-2016
FWHM / FWTM 90.0° / 140.0°
Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NF2x757D
FWHM / FWTM 92.0° / 134.0°
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM

LED PLG2-BAR-1100-xxx-280x55-DC
FWHM / FWTM 92.0° / 138.0°
Efficiency 92 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED Duris E5
FWHM / FWTM 92.0° / 135.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM

Opto Semiconductors

LED Duris S2
FWHM / FWTM 95.0° / 165.0°
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM

Opto Semiconductors

LED Duris S5 (Single chip)
FWHM / FWTM 91.0° / 133.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM

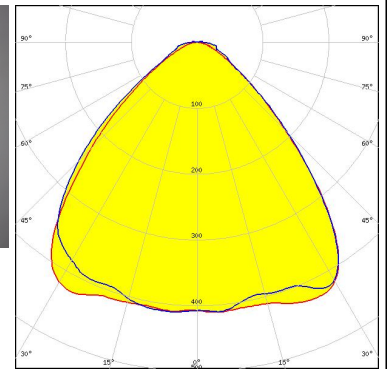
Opto Semiconductors

LED OSCONIQ P 2226
FWHM / FWTM 94.0° / 140.0°
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

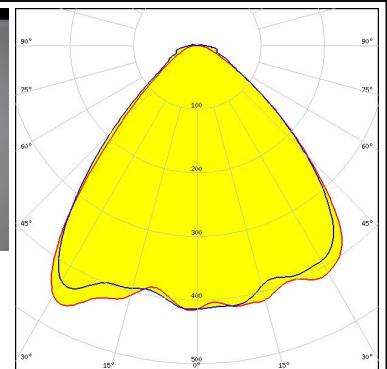
PHILIPS

LED Fortimo LED Line 1ft 1100lm 3R HV4
 FWHM / FWTM 91.0° / 127.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM / FWTM 87.0° / 123.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LM231 A/B
 FWHM / FWTM 91.0° / 134.0°
 Efficiency 88 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

SAMSUNG

LED LM561B
 FWHM / FWTM 86.0° / 133.0°
 Efficiency 85 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LM561B Plus
FWHM / FWTM 92.0° / 141.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

SAMSUNG

LED LM561C
FWHM / FWTM 92.0° / 140.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

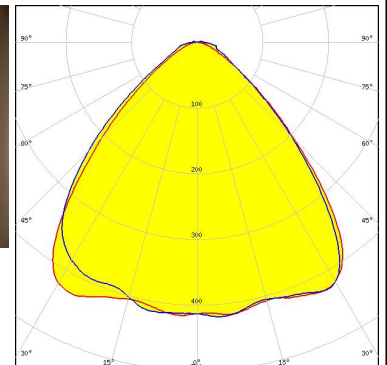
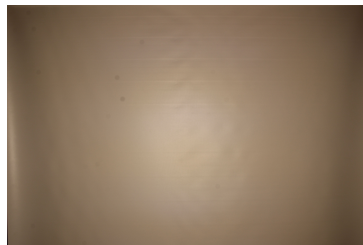
SAMSUNG

LED LT-R286A
FWHM / FWTM 93.0° / 140.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



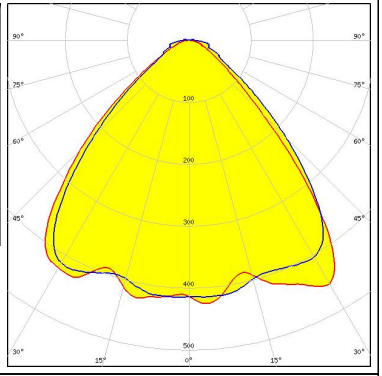
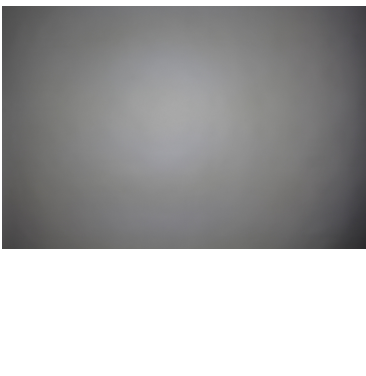
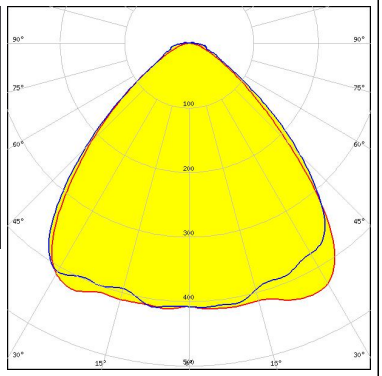


SEOUL SEMICONDUCTOR

LED SEOUL 5630C
FWHM / FWTM 91.0° / 129.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



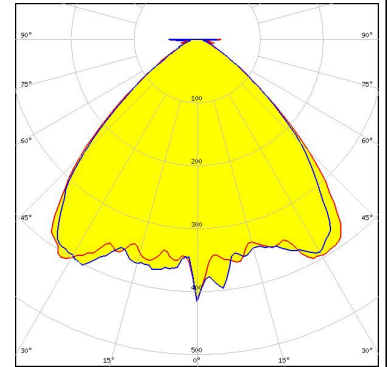
PHOTOMETRIC DATA (MEASURED):

| | | |
|--|---|--|
| <p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030</p> <p>FWHM / FWTM: 91.0° / 123.0 + 135.0°</p> <p>Efficiency: 94 %</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>TRIDONIC</p> <p>LED: LLE G2 55x280mm 2000lm</p> <p>FWHM / FWTM: 92.0°</p> <p>Efficiency: 94 %</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 (SIMULATED):



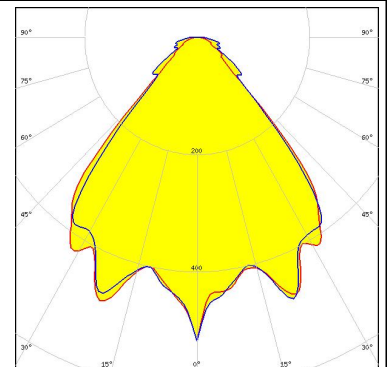
LED XP-G3
 FWHM / FWTM 95.0° / 126.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NF2x757G
 FWHM / FWTM 90.0° / 146.0°
 Efficiency 80 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxE21A
 FWHM / FWTM 90.0° / 163.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SEoul DC 3528
 FWHM / FWTM 82.0° / 114.0°
 Efficiency 87 %
 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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