

FLORENCE-3R-IP-Z60

~60° wide beam

SPECIFICATION:

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

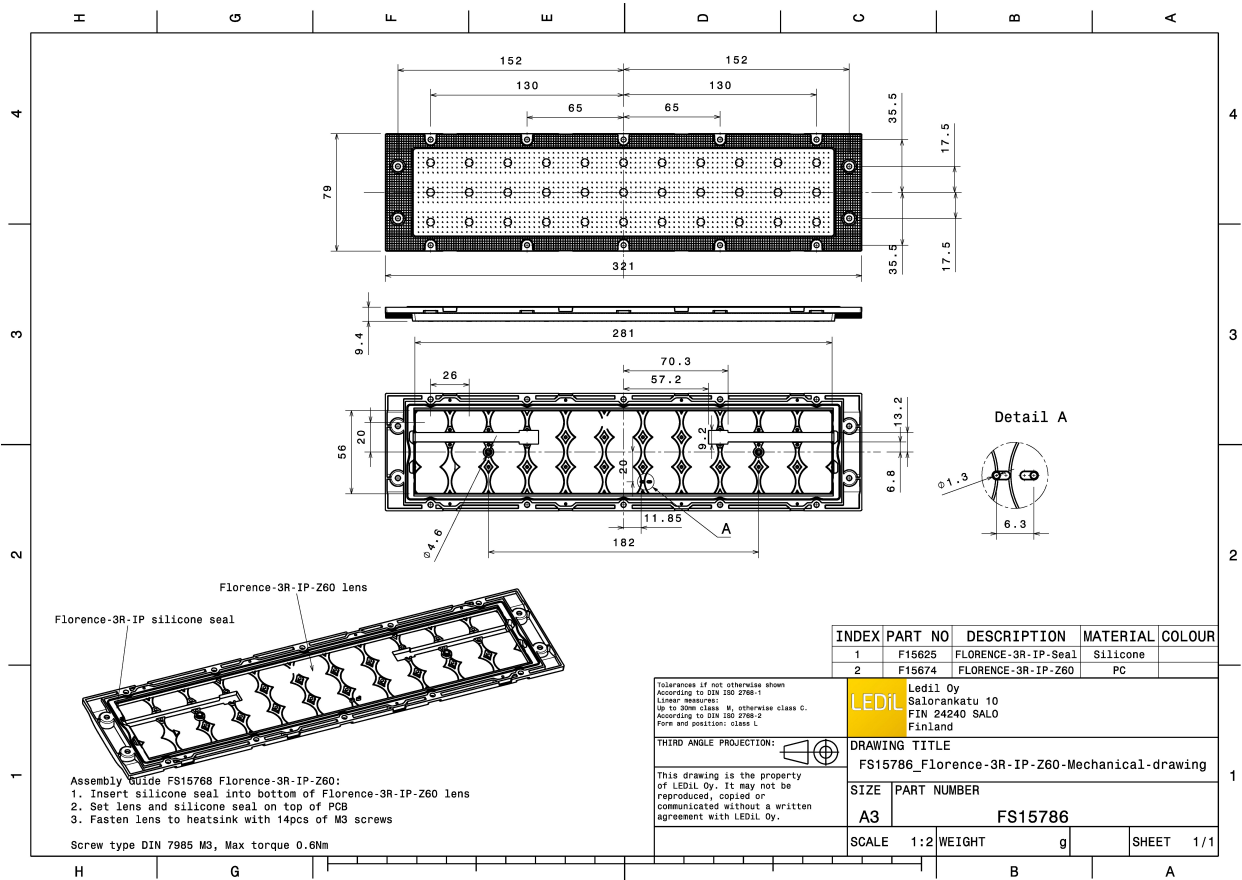
MATERIALS:

Component	Type	Material	Colour	Finish
FLORENCE-3R-IP-Z60	Linear lens	PC	clear	
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FS15786_FLORENCE-3R-IP-Z60	Linear lens	80	80	4	13.0
» Box size: 356 x 356 x 292 mm					

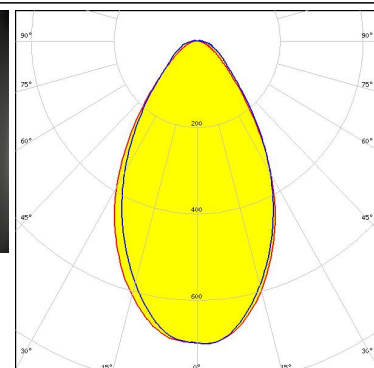
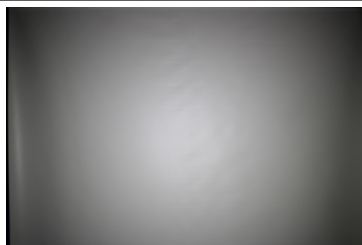


See also our general installation guide: www.ledil.com/installation_guide

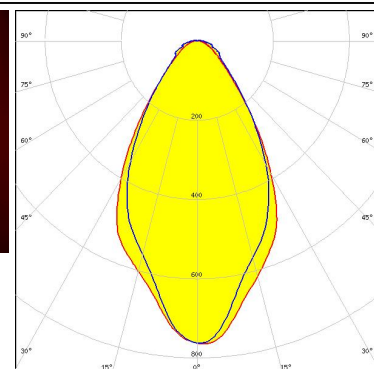
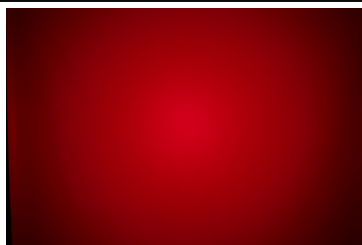
OPTICAL RESULTS (MEASURED):



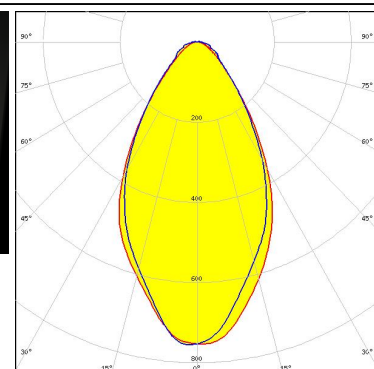
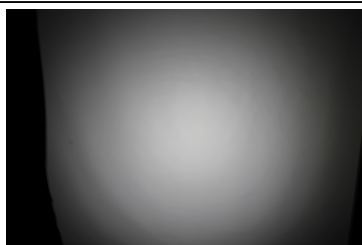
LED LUXEON 5050 Round LES
 FWHM / FWTM 62.5 + 60.0° / 108.5 + 116.0°
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



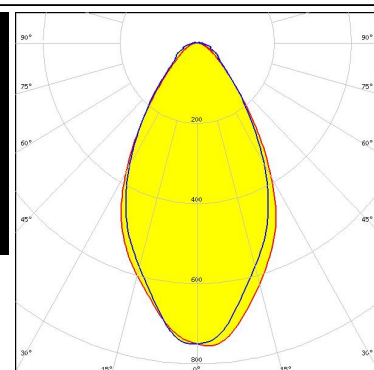
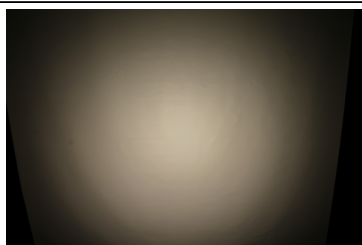
LED SST-10-B130
 FWHM / FWTM 61.0° / 104.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



LED LinLED 280x55mm 1100lm 840 3x11 33V Opt G2
 FWHM / FWTM 60.0 + 57.0° / 102.5 + 105.0°
 Efficiency 85 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



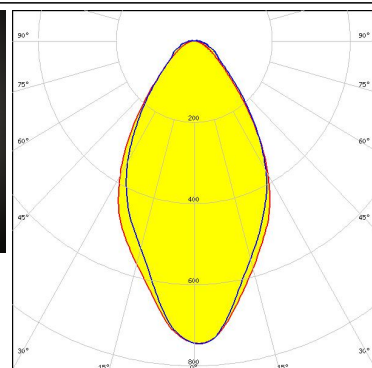
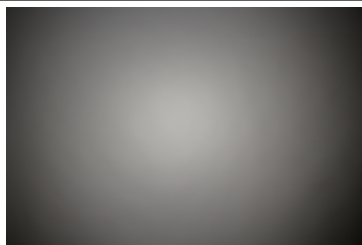
LED LinLED 280x55mm 2000lm 830 33V Opt G1
 FWHM / FWTM 60.0 + 57.0° / 102.0 + 105.5°
 Efficiency 85 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



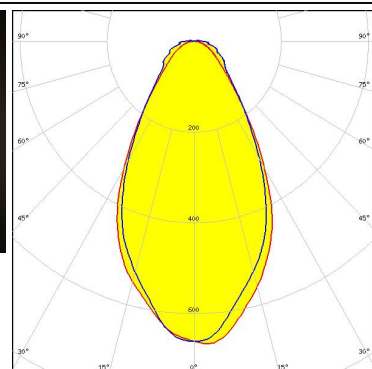
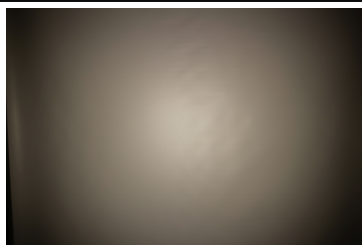
OPTICAL RESULTS (MEASURED):



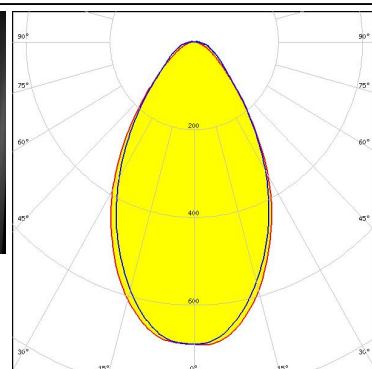
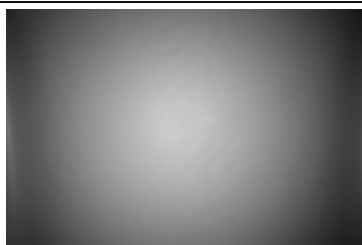
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 59.0° / 109.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



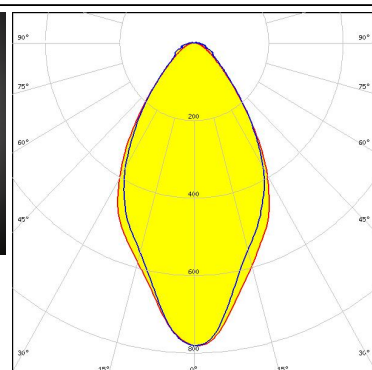
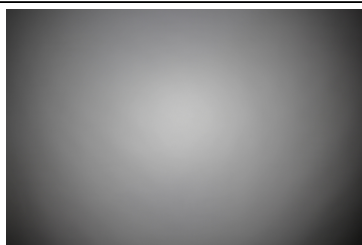
LED Duris S2
 FWHM / FWTM 58.0° / 117.0°
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



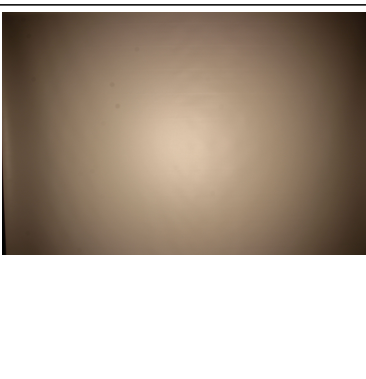
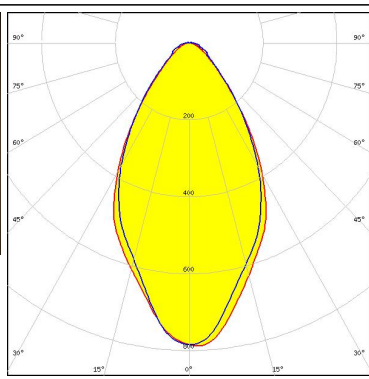

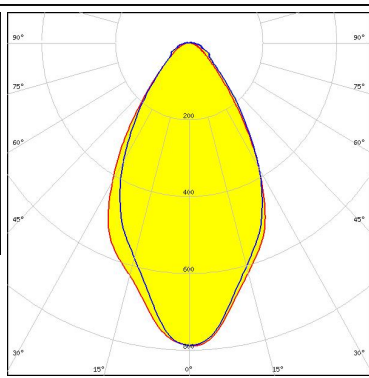
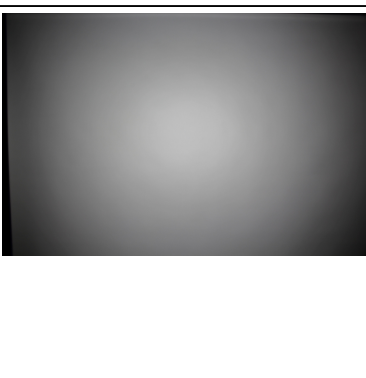
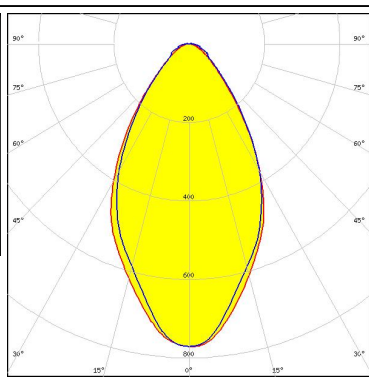
LED Duris S8
 FWHM / FWTM 62.0° / 113.0°
 Efficiency 86 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 59.0° / 105.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



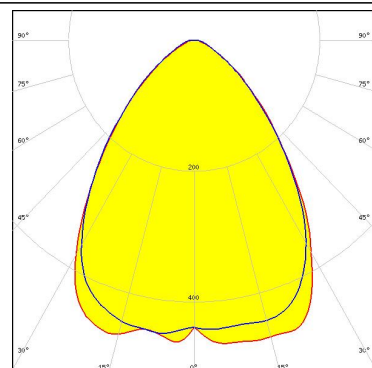
OPTICAL RESULTS (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL 5630C</p> <p>FWHM / FWTM: 59.0° / 103.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 0.8 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: 60.0 + 57.0° / 101.0 + 104.0°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 0.8 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: 59.0° / 105.0°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		

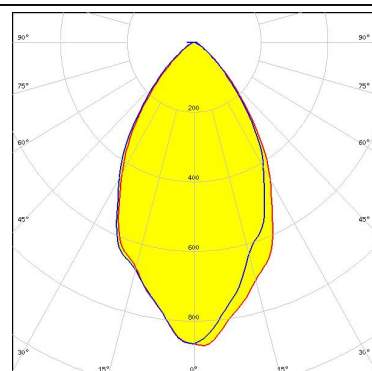
OPTICAL RESULTS (SIMULATED):



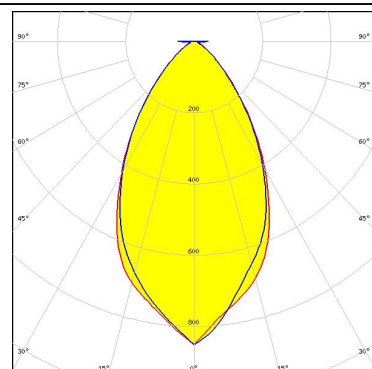
LED Bridgelux SMD 5050
 FWHM / FWTM 79.0° / 123.0°
 Efficiency 83 %
 Peak intensity 0.5 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



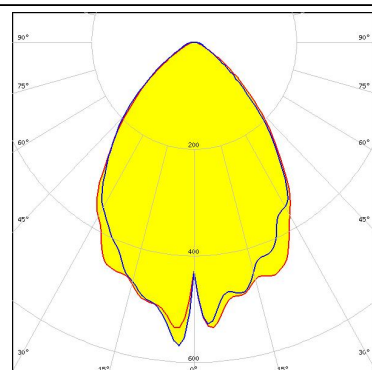
LED XP-G2
 FWHM / FWTM 60.0° / 102.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 59.0° / 102.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris E 2835
 FWHM / FWTM 74.0° / 116.0°
 Efficiency 84 %
 Peak intensity 0.6 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:

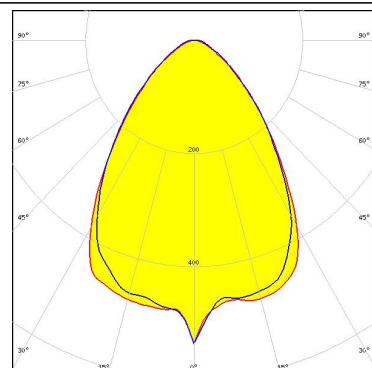


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

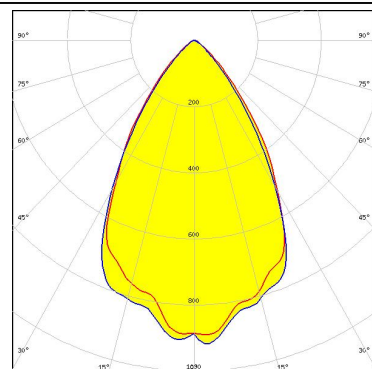
LED Duris S10
FWHM / FWTM 74.0° / 120.0°
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

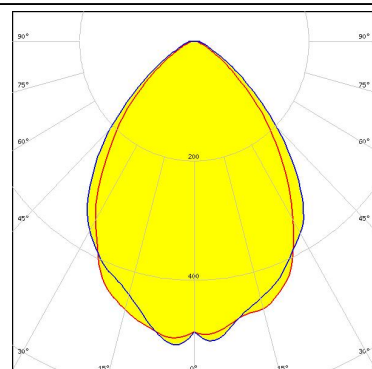
LED OSCONIQ P 3030
FWHM / FWTM 64.0° / 96.0°
Efficiency 90 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour Hyper Red
Required components:



OSRAM

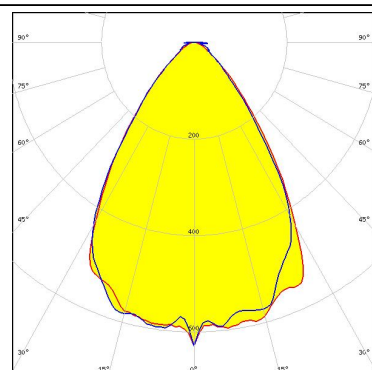
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM / FWTM 78.0° / 120.0°
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

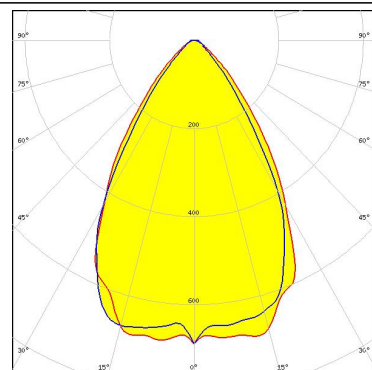
LED LM302Z
FWHM / FWTM 70.0 + 69.0° / 105.0°
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 4
Light colour White
Required components:



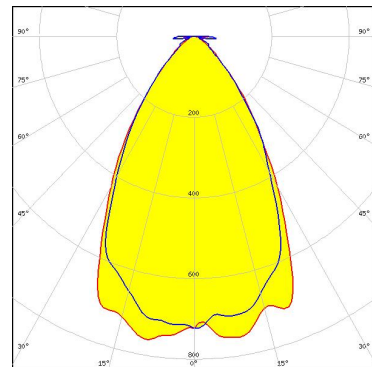
OPTICAL RESULTS (SIMULATED):

SAMSUNG

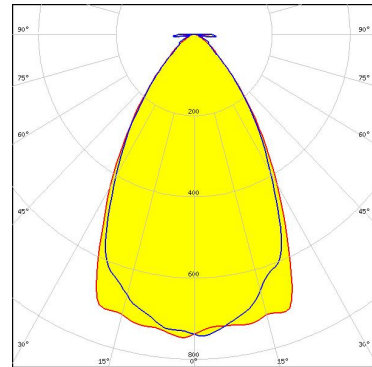
LED LM302Z
 FWHM / FWTM 68.0 + 64.0° / 104.0 + 94.0°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z8Y22
 FWHM / FWTM 62.0° / 100.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z8Y22P
 FWHM / FWTM 63.0° / 101.0°
 Efficiency 93 %
 Peak intensity 0.8 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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