

FLORENCE-3R-IP-O

~85° + 40° oval beam

TECHNICAL SPECIFICATIONS:

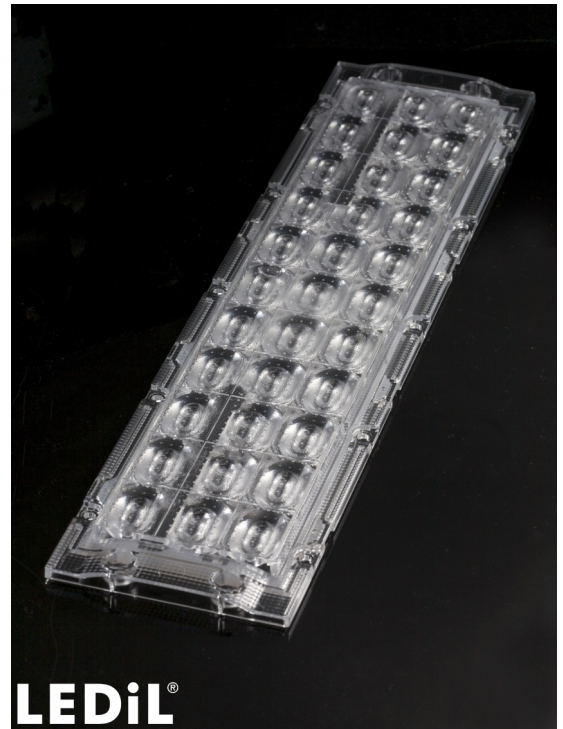
Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

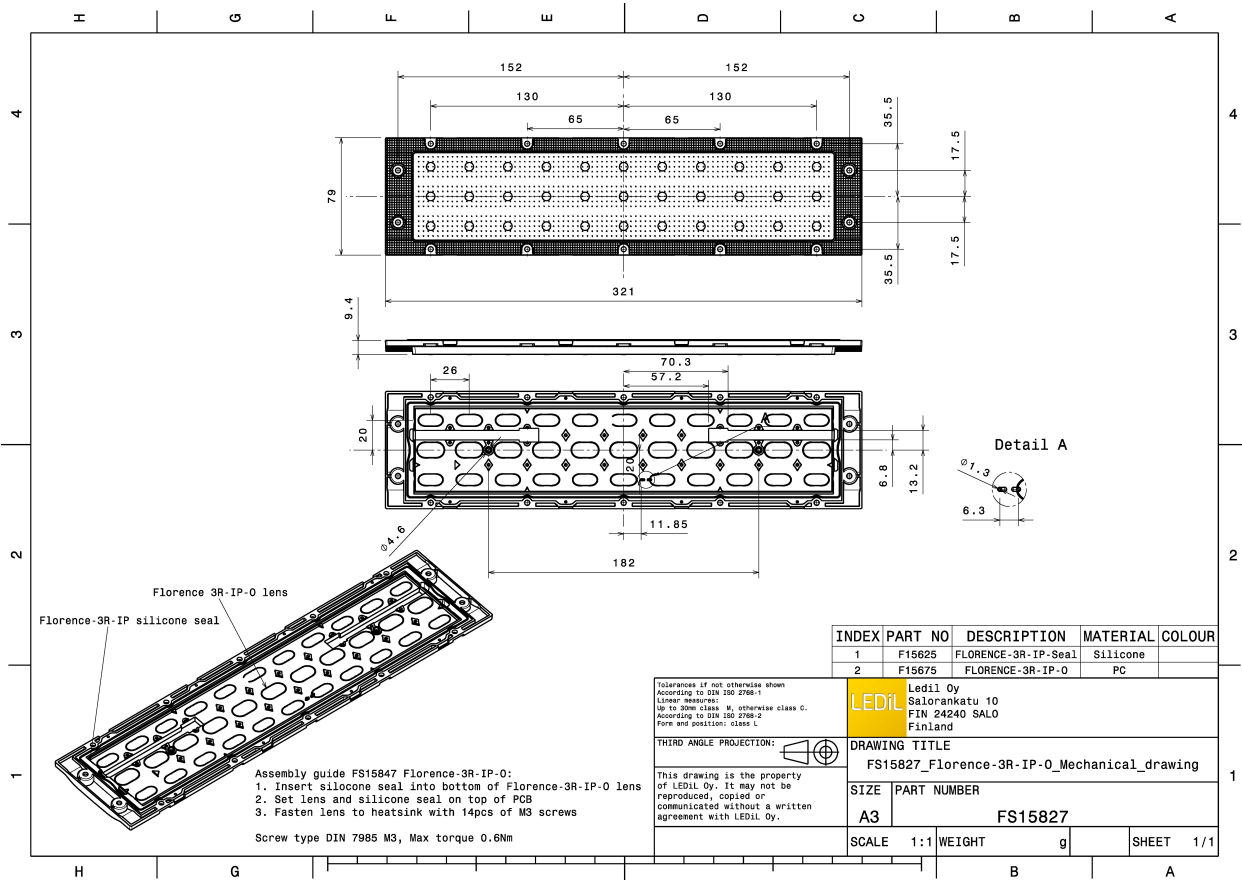
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FS15847_FLORENCE-3R-IP-O	Linear lens	80	80	4	13.0
» Box size: 356 x 356 x 292 mm					



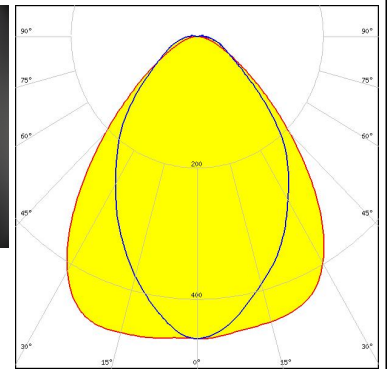
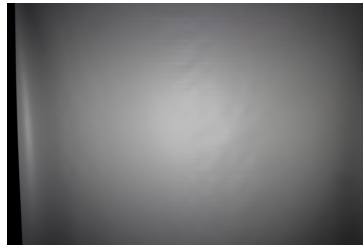


See also our general installation guide: www.ledil.com/installation_guide

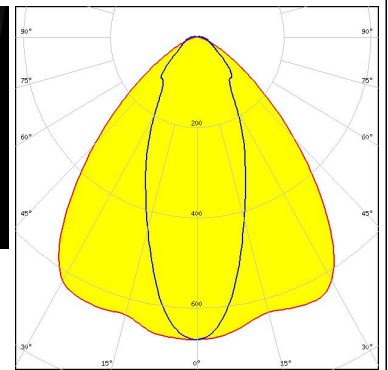
PHOTOMETRIC DATA (MEASURED):



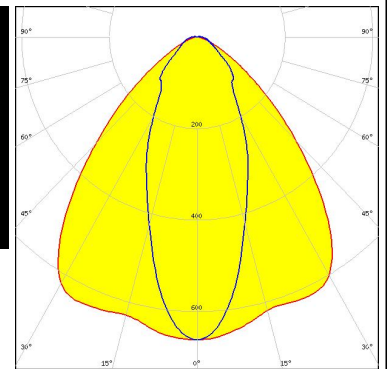
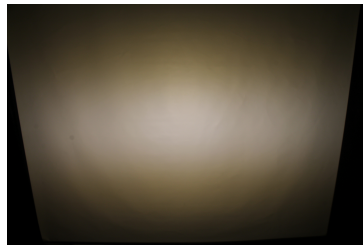
LED LUXEON 5050 Round LES
 FWHM / FWTM 86.0 + 72.0° / 128.0 + 136.0°
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



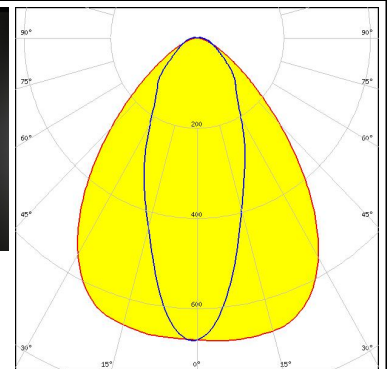
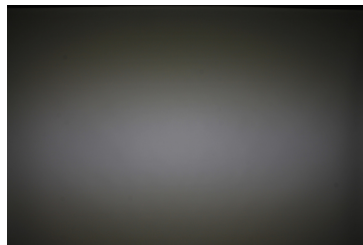
LED LinLED 280x55mm 1100lm 840 3x11 33V Opt G2
 FWHM / FWTM 88.5 + 40.0° / 125.0 + 105.5°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LinLED 280x55mm 2000lm 830 33V Opt G1
 FWHM / FWTM 89.0 + 41.0° / 125.0 + 106.5°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED PLG2-BAR-1100-xxx-280x55-DC
 FWHM / FWTM 84.0 + 40.0° / 125.0 + 111.0°
 Efficiency 86 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

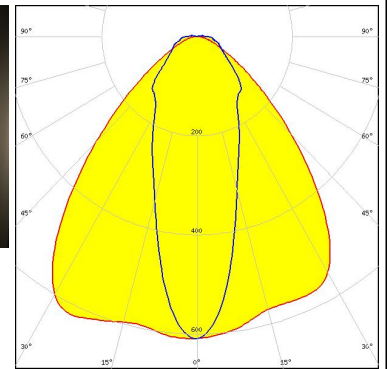
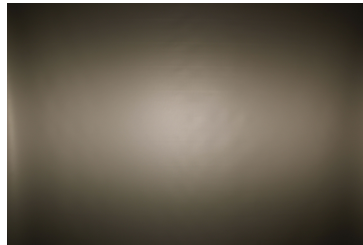


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

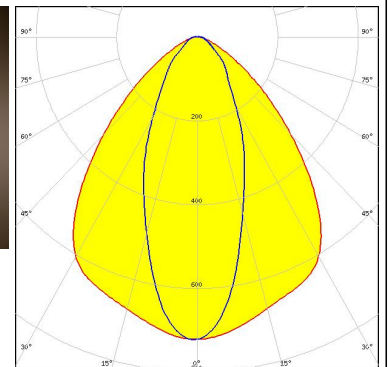
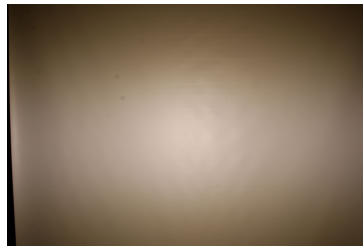
LED Duris S2
FWHM / FWTM 88.0 + 33.5° / 127.0 + 123.5°
Efficiency 81 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL

SEOUL SEMICONDUCTOR

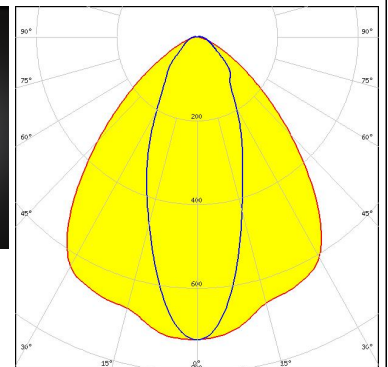
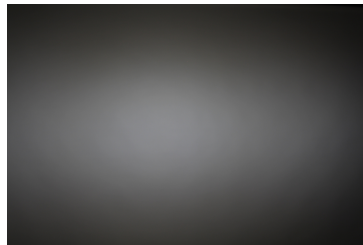
LED SEOUL 5630C
FWHM / FWTM 87.0 + 41.0° / 127.0 + 99.0°
Efficiency 87 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL

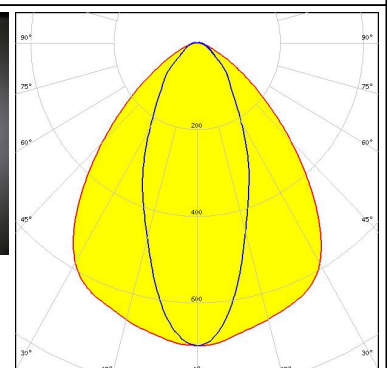
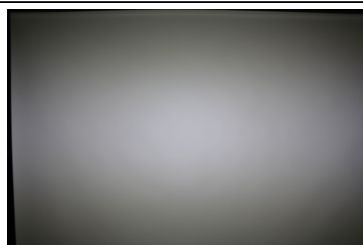
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030
FWHM / FWTM 88.0 + 39.0° / 127.0 + 101.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

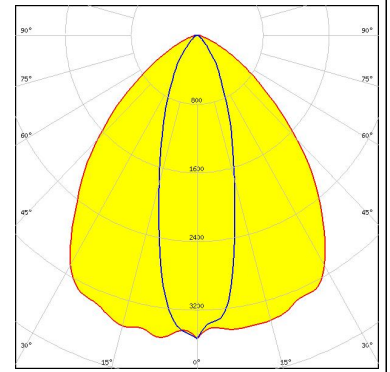
LED LLE G2 55x280mm 2000lm
FWHM / FWTM 87.0 + 43.0° / 127.0 + 101.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



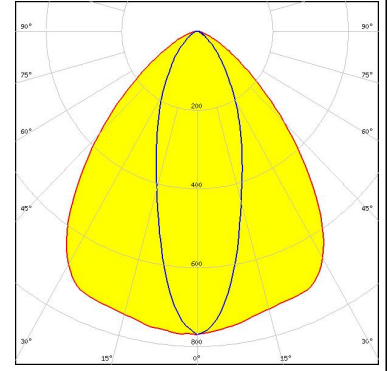
PHOTOMETRIC DATA (SIMULATED):



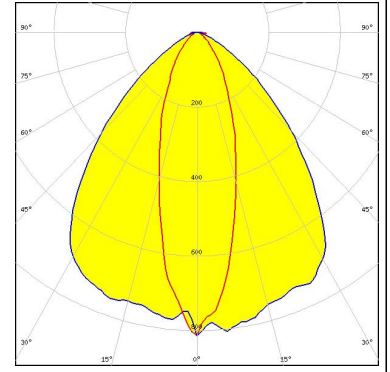
LED LUXEON CZ
 FWHM / FWTM 89.0 + 30.0° / 128.0 + 74.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



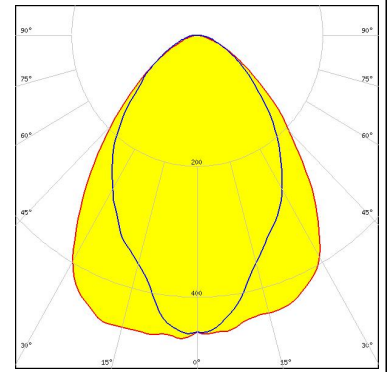
LED NF2x757D
 FWHM / FWTM 86.0 + 34.0° / 126.0 + 89.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxE21A
 FWHM / FWTM 30.0 + 87.0° / 81.0 + 124.0°
 Efficiency 86 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S10
 FWHM / FWTM 85.0 + 72.0° / 131.0 + 133.0°
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

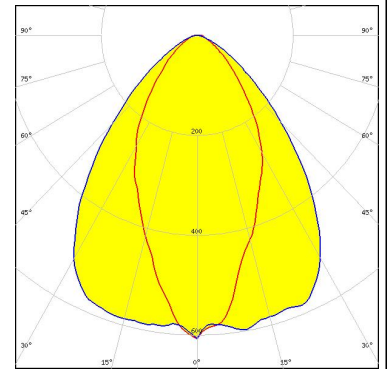


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

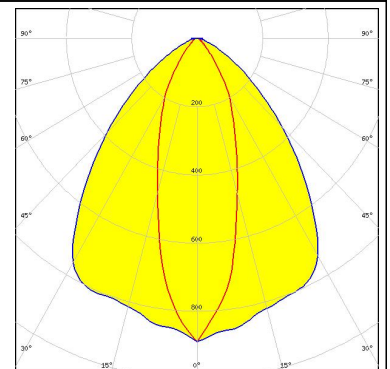
LED Duris S8
FWHM / FWTM 84.0 + 51.0° / 125.0 + 106.0°
Efficiency 88 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

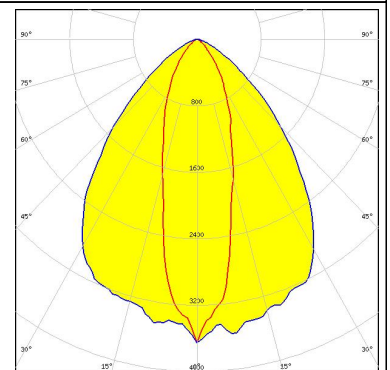
Opto Semiconductors

LED OSCONIQ P 3030
FWHM / FWTM 32.0 + 85.0° / 77.0 + 125.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



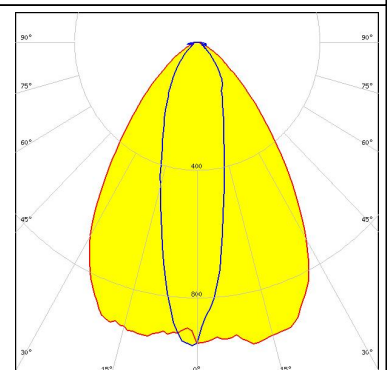
SAMSUNG

LED LM302B
FWHM / FWTM 82.0 + 28.0° / 128.0 + 78.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

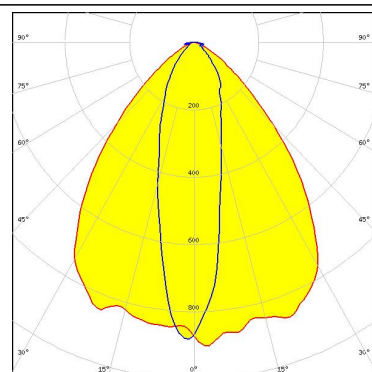
LED LM302Z
FWHM / FWTM 73.0 + 27.0° / 114.0 + 83.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 2
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

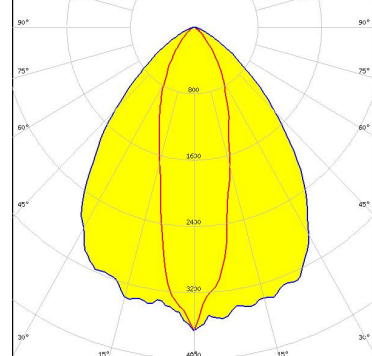
SAMSUNG

LED LM302Z
FWHM / FWTM 82.0 + 25.0° / 119.0 + 84.0°
Efficiency 88 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

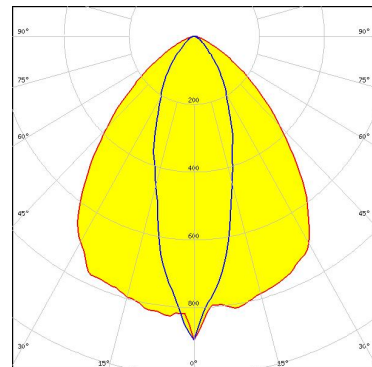


SAMSUNG

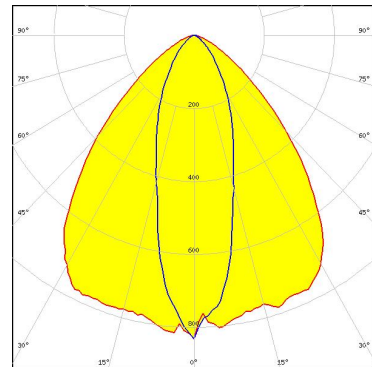
LED LM561B Plus
FWHM / FWTM 82.0 + 28.0° / 121.0 + 79.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:




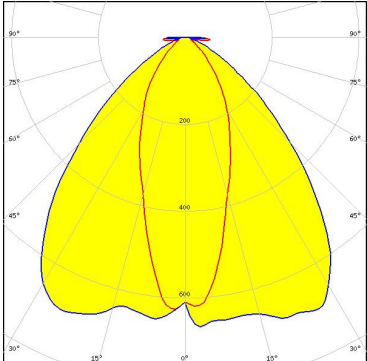

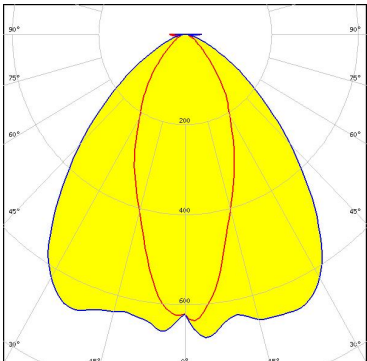
LED SEOUL DC 3030C
FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SEOUL DC 3528
FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM / FWTM 90.0 + 40.0° / 128.0 + 95.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 91.0 + 40.0° / 131.0 + 95.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

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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