

FLORENCE-3R-IP-O

~85° + 40° oval beam

TECHNICAL SPECIFICATIONS:

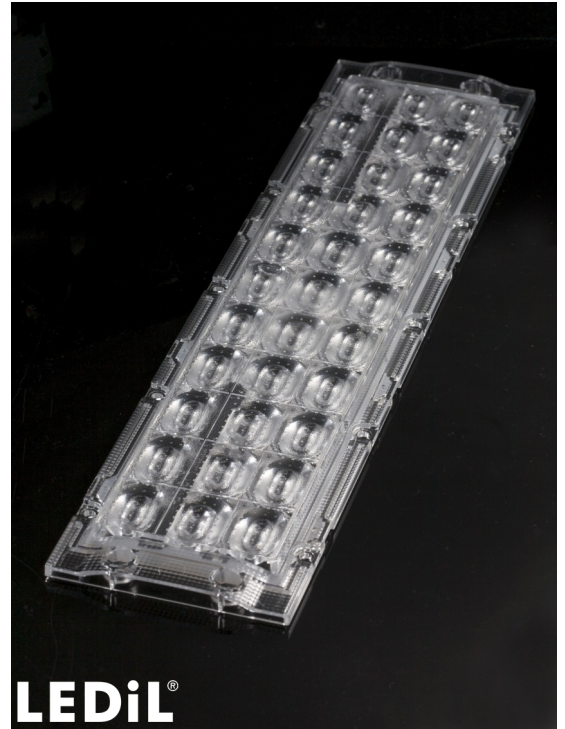
Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

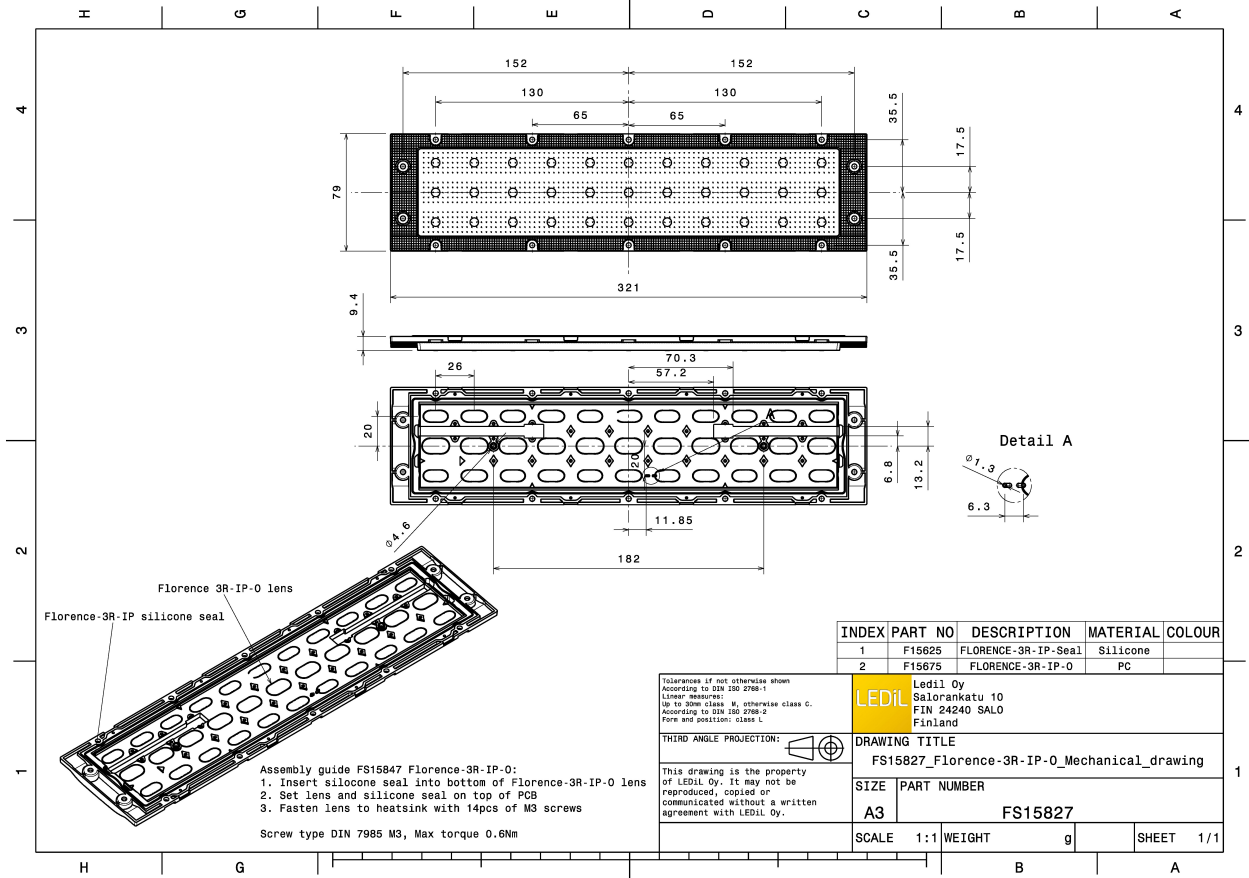
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

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



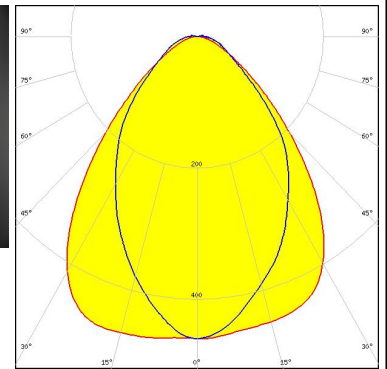


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

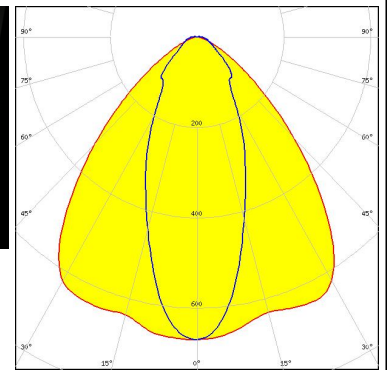
LUMILEDS

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:



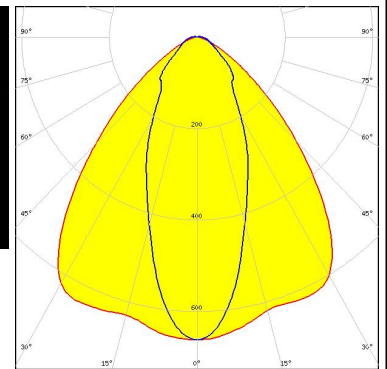
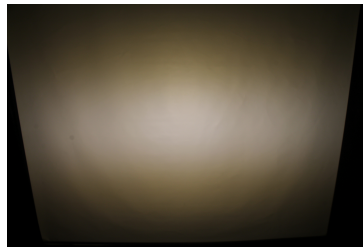
MST *Your solutions*

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:



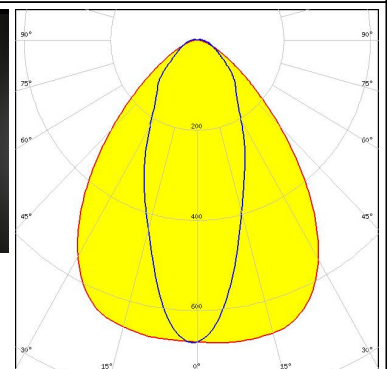
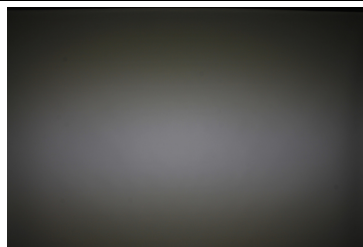
MST *Your solutions*

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:



OSRAM

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:

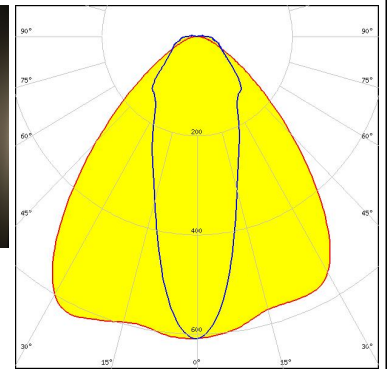
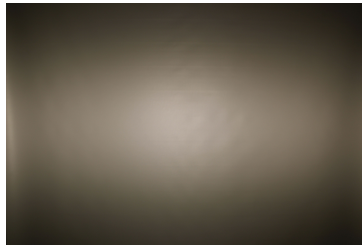


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

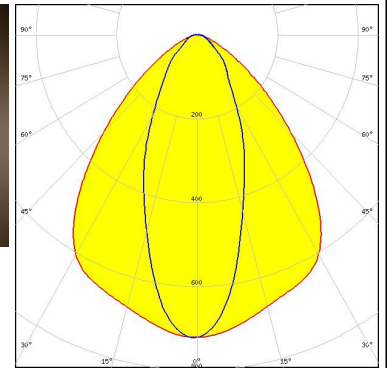
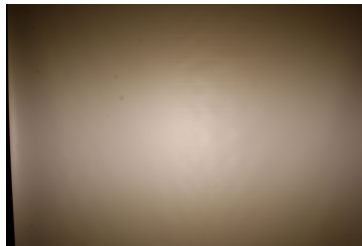
LED Duris S2
 FWHM / FWTM 88.0 + 33.5° / 127.0 + 123.5°
 Efficiency 81 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL

SEOUL SEMICONDUCTOR

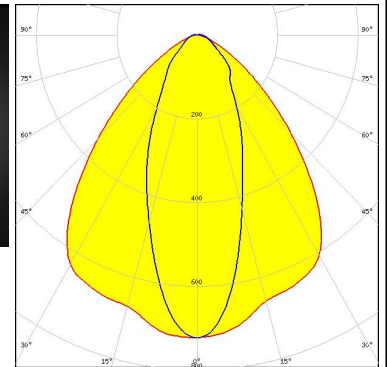
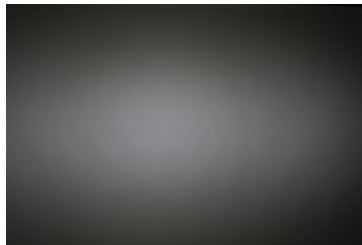
LED SEOUL 5630C
 FWHM / FWTM 87.0 + 41.0° / 127.0 + 99.0°
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL

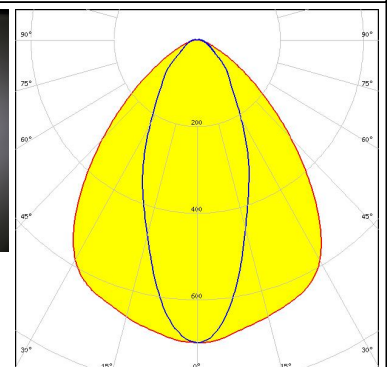
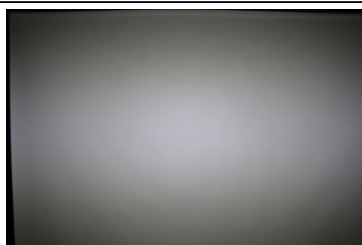
SEOUL SEMICONDUCTOR

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):

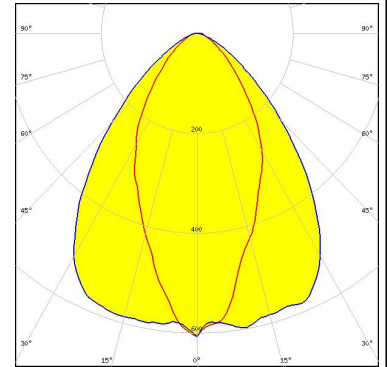
<p>LUMILEDS</p> <p>LED: LUXEON CZ</p> <p>FWHM / FWTM: 89.0 + 30.0° / 128.0 + 74.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 0.9 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED: NF2x757D</p> <p>FWHM / FWTM: 86.0 + 34.0° / 126.0 + 89.0°</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>NICHIA</p> <p>LED: NVSxE21A</p> <p>FWHM / FWTM: 30.0 + 87.0° / 81.0 + 124.0°</p> <p>Efficiency: 86 %</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>OSRAM Opto Semiconductors</p> <p>LED: Duris S10</p> <p>FWHM / FWTM: 84.0 + 70.0° / 126.0 + 130.0°</p> <p>Efficiency: 86 %</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

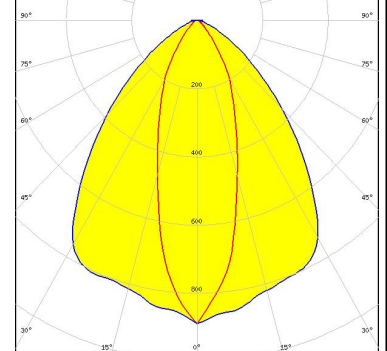
LED Duris S8
 FWHM / FWTM 84.0 + 51.0° / 125.0 + 106.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

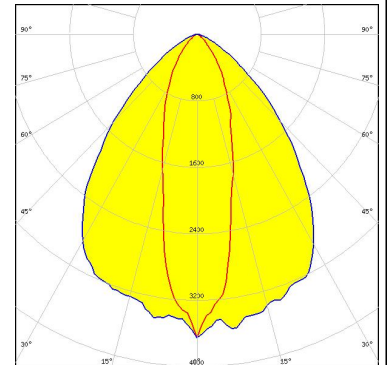
Opto Semiconductors

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:



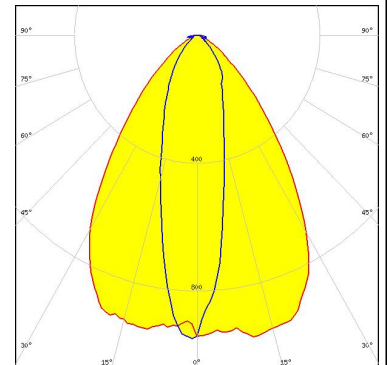
SAMSUNG

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

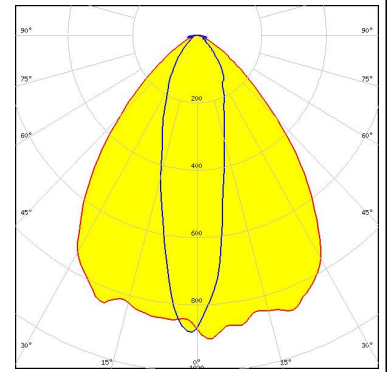
LED LM302Z
 FWHM / FWTM 73.0 + 27.0° / 114.0 + 83.0°
 Efficiency 88 %
 Peak intensity 1 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

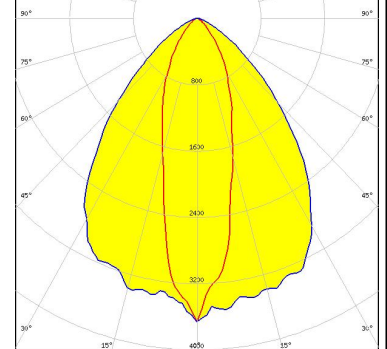
SAMSUNG

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:

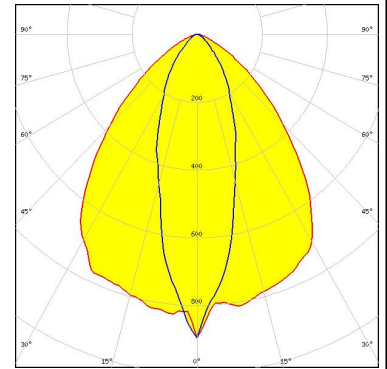


SAMSUNG

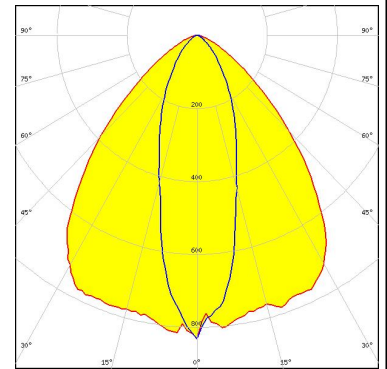
LED LM561B Plus
 FWHM / FWTM 82.0 + 28.0° / 121.0 + 79.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




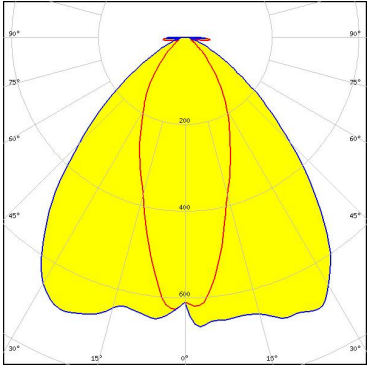

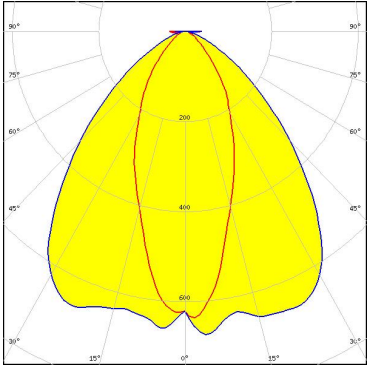
LED SEOUL DC 3030C
 FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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):

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