

FLORENCE-3R-IP-O

~85° + 40° oval beam

SPECIFICATION:

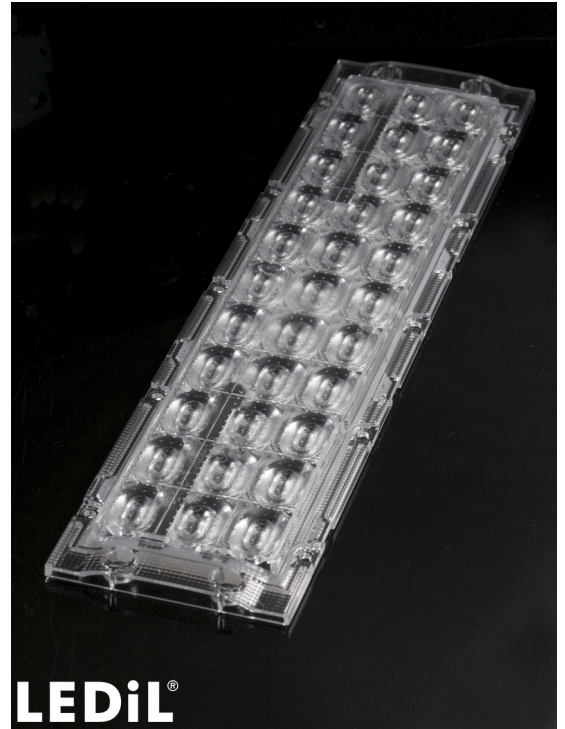
Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

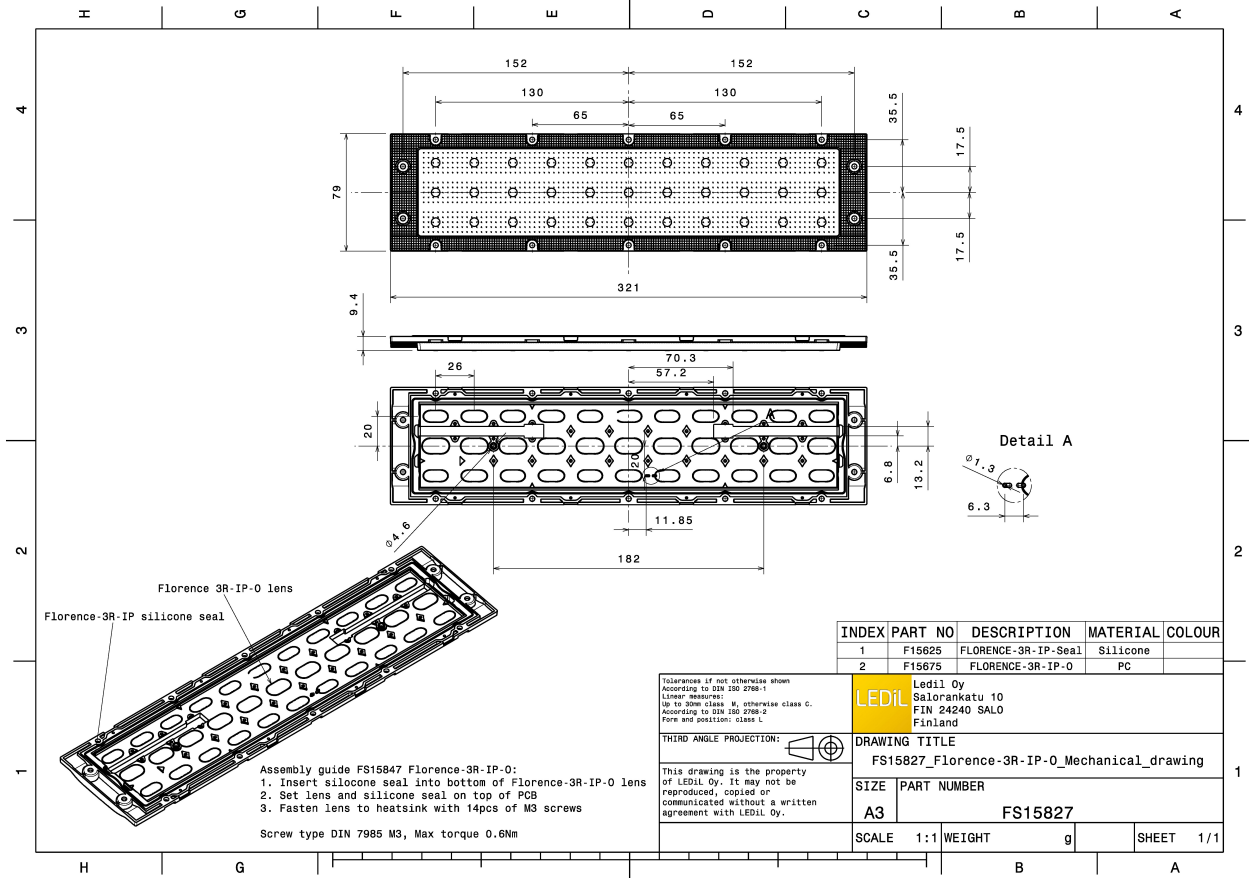
MATERIALS:

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

ORDERING INFORMATION:


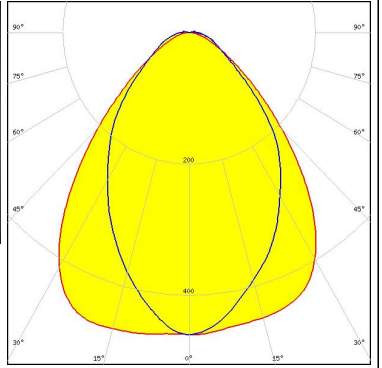

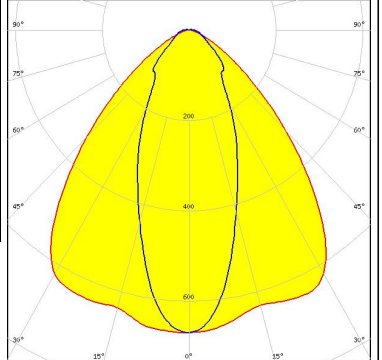

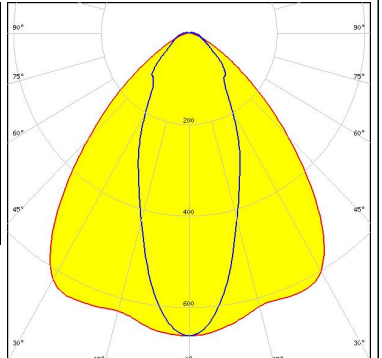
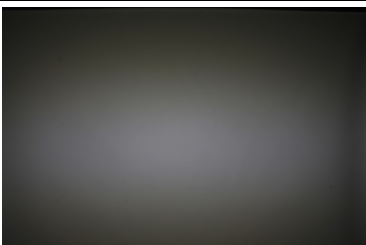
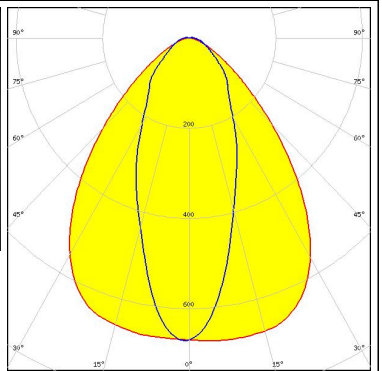
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FS15847_FLORENCE-3R-IP-O	Linear lens	80	80	4	13.0
» Box size: 356 x 356 x 292 mm					





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

OPTICAL RESULTS (MEASURED):

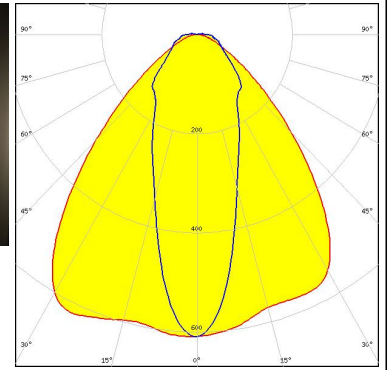
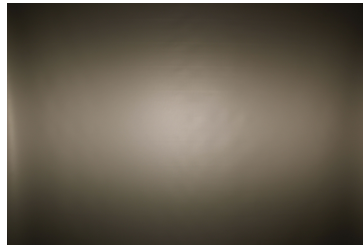
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 86.0 + 72.0° / 128.0 + 136.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 280x55mm 1100lm 840 3x11 33V Opt G2</p> <p>FWHM / FWTM 88.5 + 40.0° / 125.0 + 105.5°</p> <p>Efficiency 85 %</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>MST <i>Your solutions</i></p> <p>LED LinLED 280x55mm 2000lm 830 33V Opt G1</p> <p>FWHM / FWTM 89.0 + 41.0° / 125.0 + 106.5°</p> <p>Efficiency 85 %</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>OSRAM</p> <p>LED PLG2-BAR-1100-xxx-280x55-DC</p> <p>FWHM / FWTM 84.0 + 40.0° / 125.0 + 111.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

Osram Opto Semiconductors

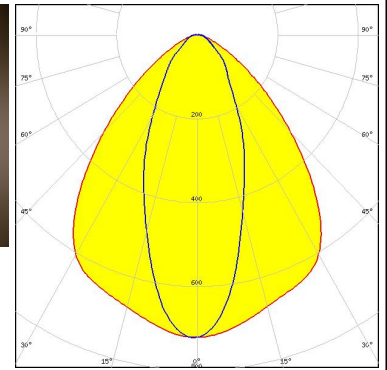
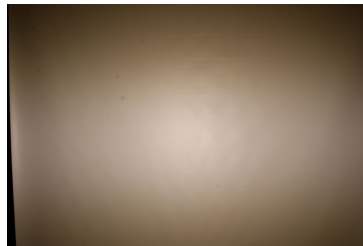
LED Duris S2
 FWHM / FWTM 88.0 + 33.5° / 127.0 + 123.5°
 Efficiency 81 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL

SEOUL SEMICONDUCTOR

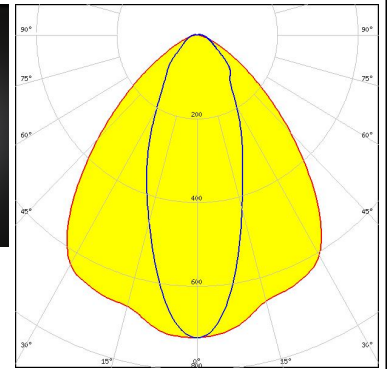
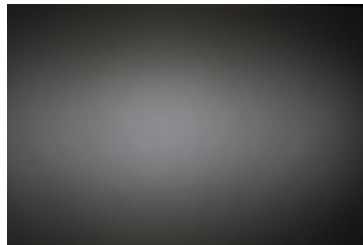
LED SEOUL 5630C
 FWHM / FWTM 87.0 + 41.0° / 127.0 + 99.0°
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL

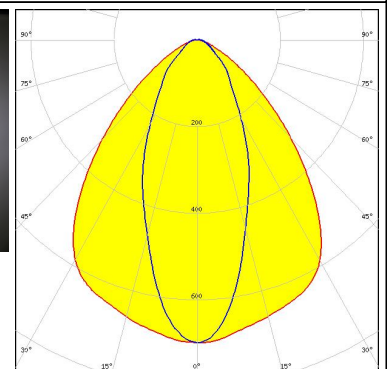
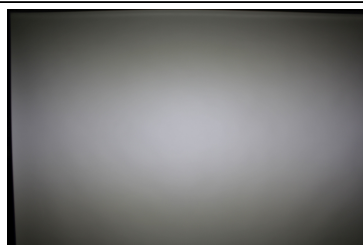
SEOUL SEMICONDUCTOR

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:



OPTICAL RESULTS (SIMULATED):

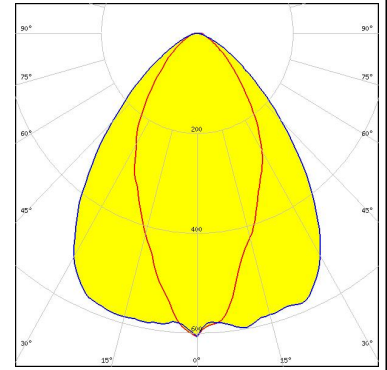
<p>LUMILEDS</p> <p>LED LUXEON CZ</p> <p>FWHM / FWTM 89.0 + 30.0° / 128.0 + 74.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NF2x757D</p> <p>FWHM / FWTM 86.0 + 34.0° / 126.0 + 89.0°</p> <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 85.0 + 72.0° / 131.0 + 133.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

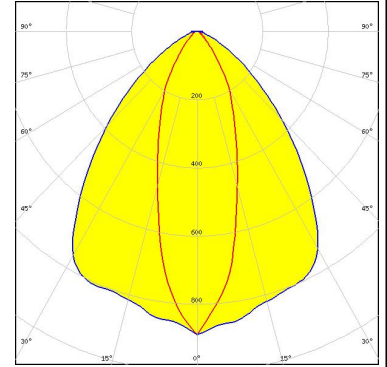
LED Duris S8
 FWHM / FWTM 84.0 + 51.0° / 125.0 + 106.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

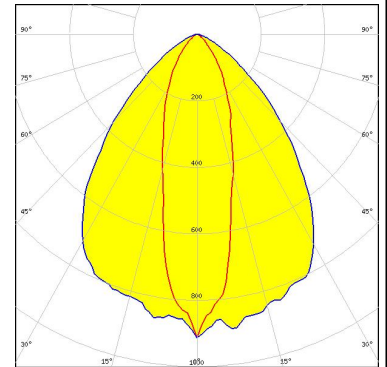
Opto Semiconductors

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:



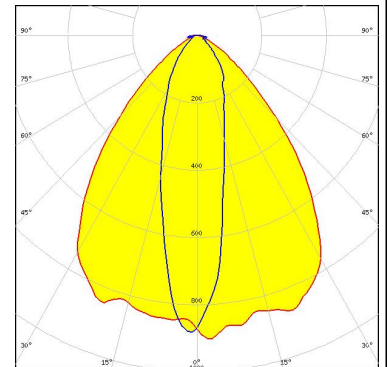
SAMSUNG

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

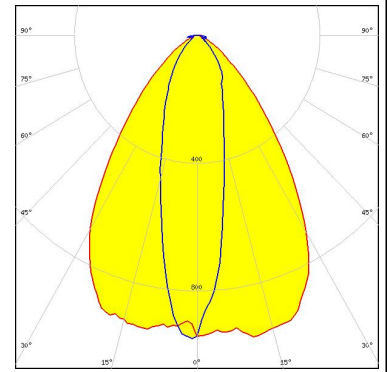
LED LM302Z
 FWHM / FWTM 82.0 + 25.0° / 119.0 + 84.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

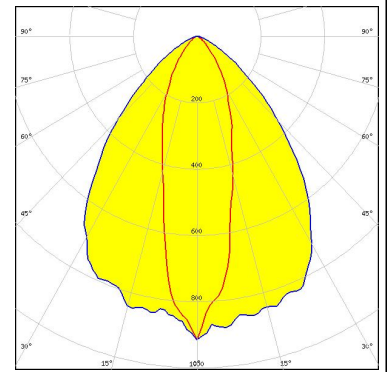
SAMSUNG

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:

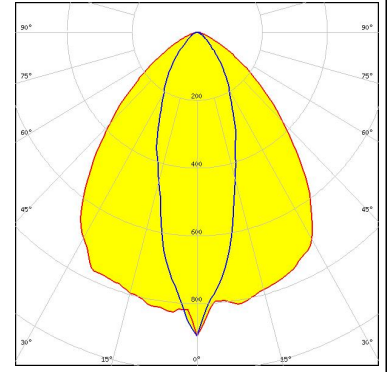


SAMSUNG

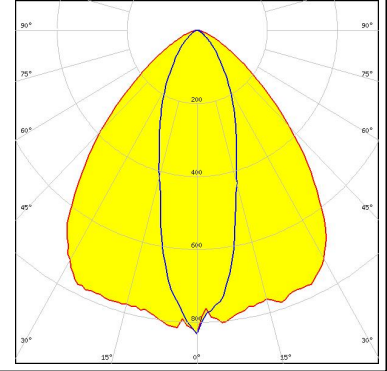
LED LM561B Plus
 FWHM / FWTM 82.0 + 28.0° / 121.0 + 79.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




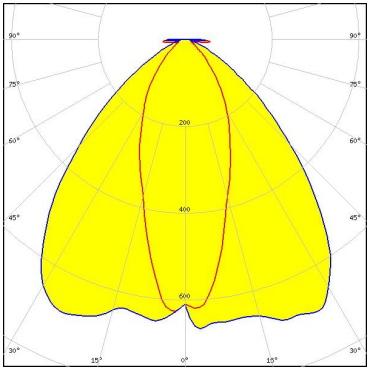

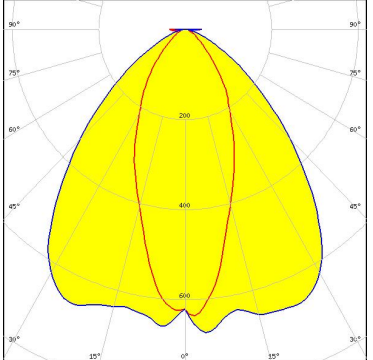
LED SEOUL DC 3030C
 FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



OPTICAL RESULTS (SIMULATED):

<p> SEOL 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> SEOL 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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