

FLORENCE-3R-IP-O

~85° + 40° oval beam

SPECIFICATION:

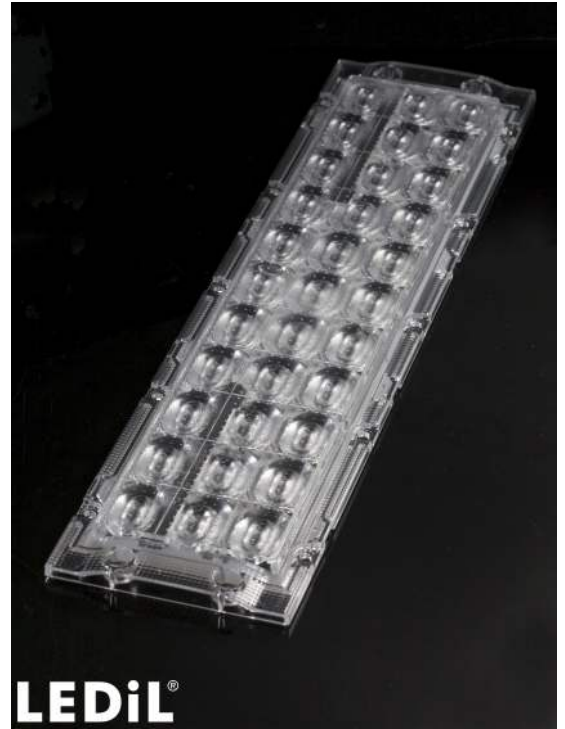
Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

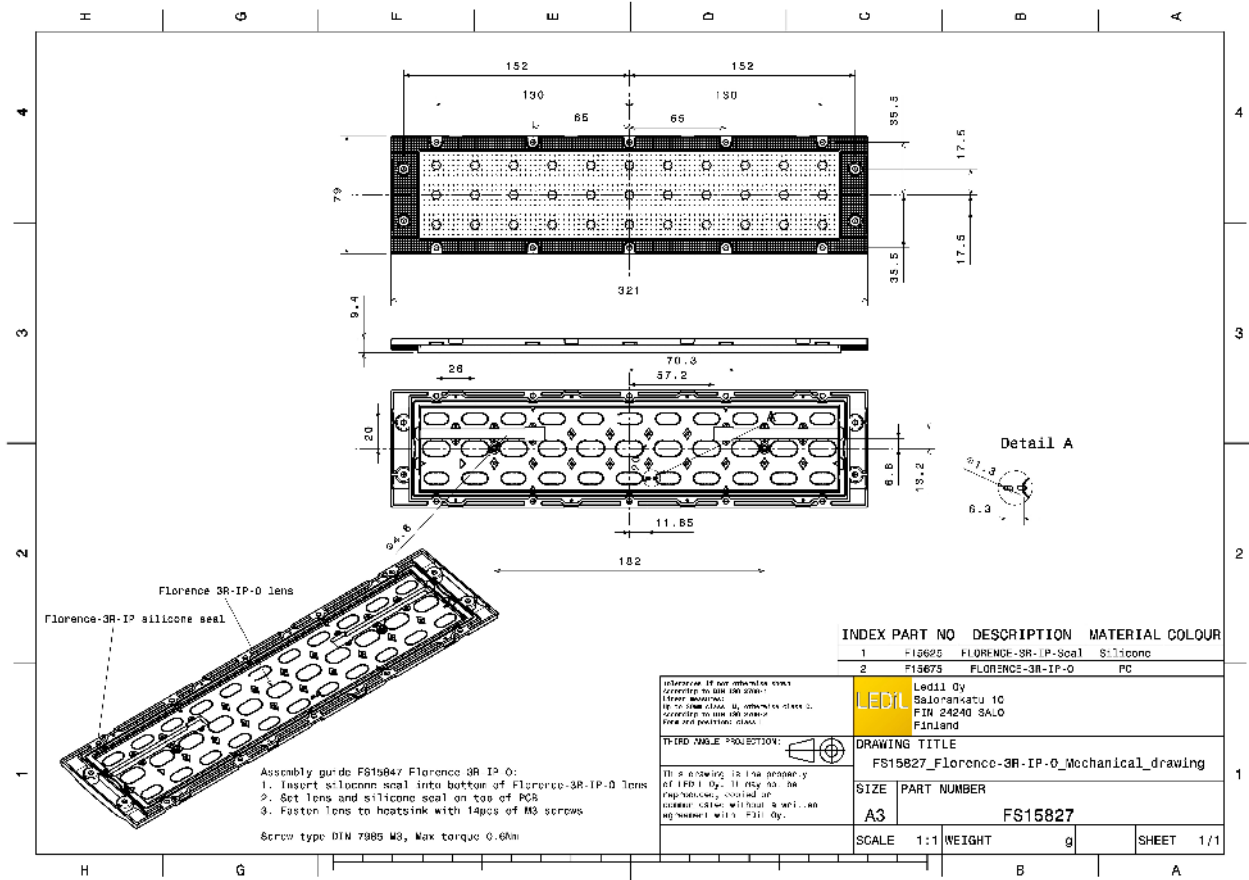
MATERIALS:

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

ORDERING INFORMATION:


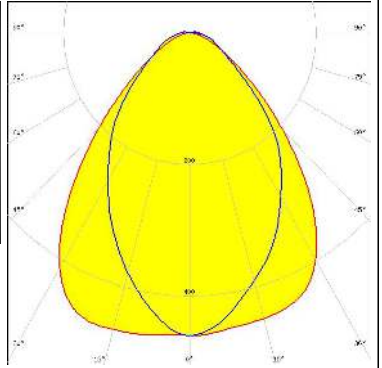

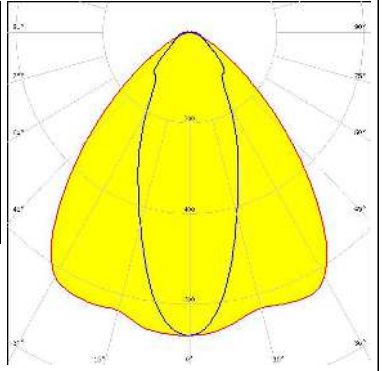

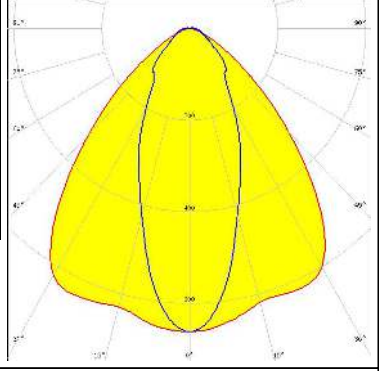
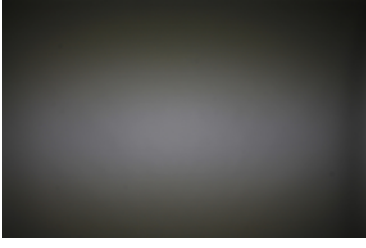
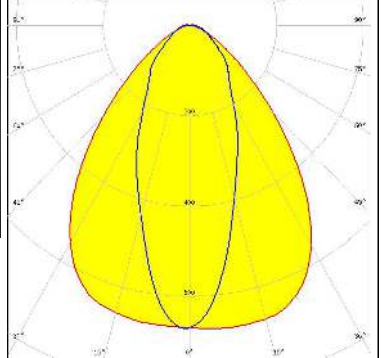
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FS15847_FLORENCE-3R-IP-O » Box size: 356 x 356 x 292 mm	Linear lens	80	80	4	13.0




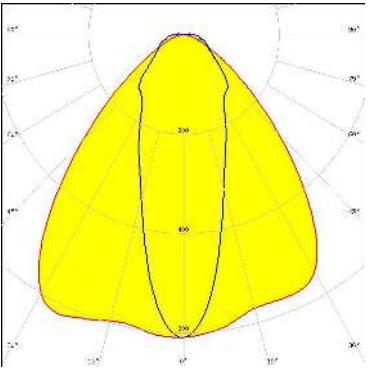

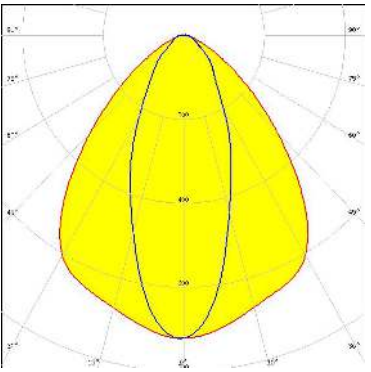
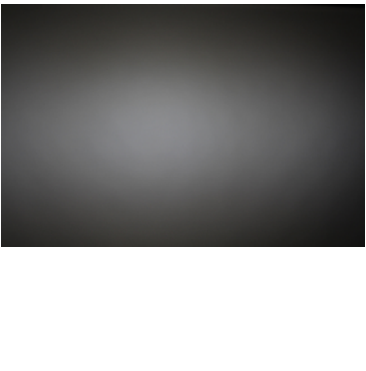
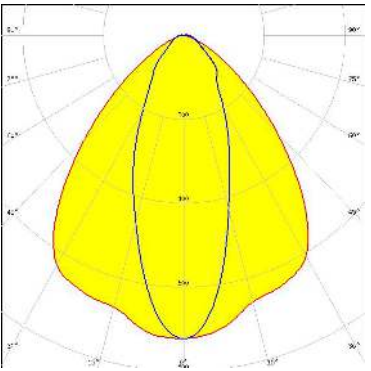

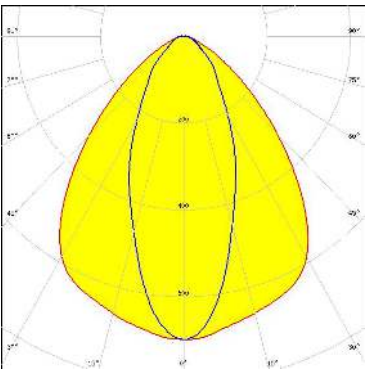


See also our general installation guide: www.ledil.com/installation_guide

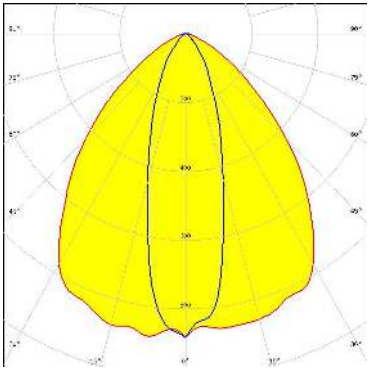
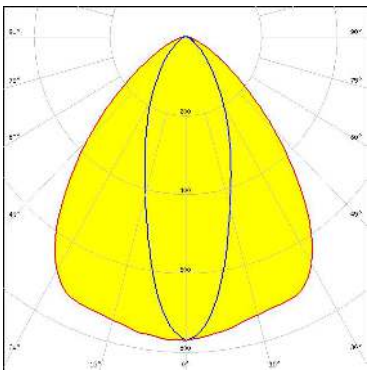
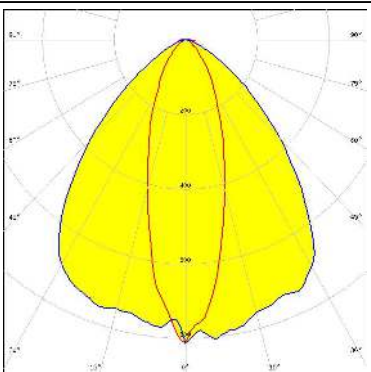
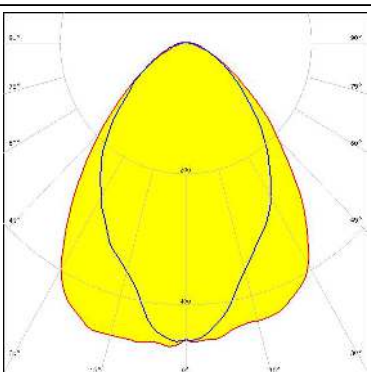
OPTICAL RESULTS (MEASURED):

<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>		

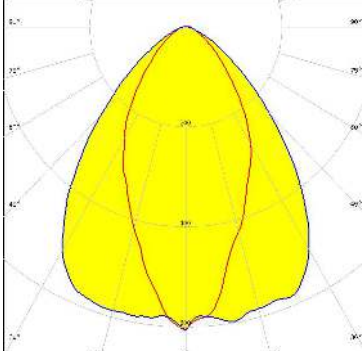
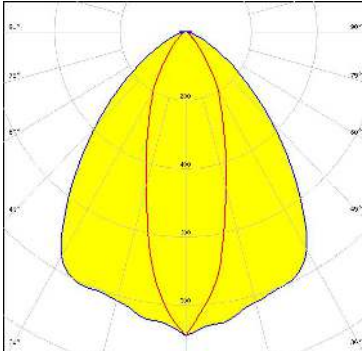
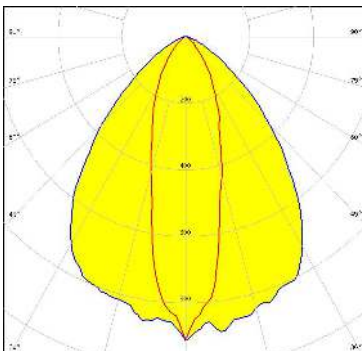
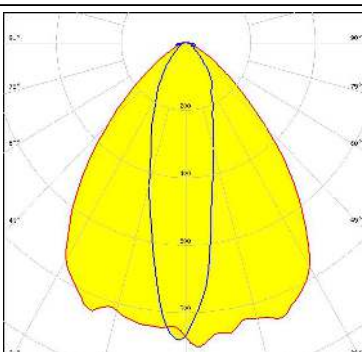
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S2</p> <p>FWHM / FWTM 88.0 + 33.5° / 127.0 + 123.5°</p> <p>Efficiency 81 %</p> <p>Peak intensity 0.6 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 5630C</p> <p>FWHM / FWTM 87.0 + 41.0° / 127.0 + 99.0°</p> <p>Efficiency 87 %</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 SEOUL DC 3030</p> <p>FWHM / FWTM 88.0 + 39.0° / 127.0 + 101.0°</p> <p>Efficiency 88 %</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>TRIDONIC</p> <p>LED LLE G2 55x280mm 2000lm</p> <p>FWHM / FWTM 87.0 + 43.0° / 127.0 + 101.0°</p> <p>Efficiency 88 %</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 (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>	

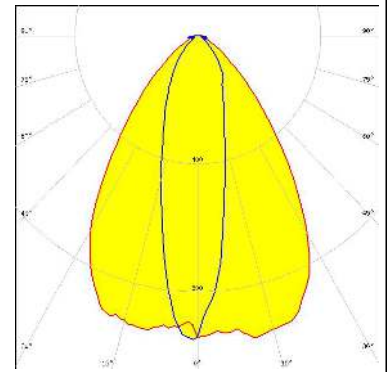
OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S8</p> <p>FWHM / FWTM: 84.0 + 51.0° / 125.0 + 106.0°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 0.6 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: OSCONIQ P 3030</p> <p>FWHM / FWTM: 32.0 + 85.0° / 77.0 + 125.0°</p> <p>Efficiency: 89 %</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>SAMSUNG</p> <p>LED: LM302B</p> <p>FWHM / FWTM: 82.0 + 28.0° / 128.0 + 78.0°</p> <p>Efficiency: 86 %</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>SAMSUNG</p> <p>LED: LM302Z</p> <p>FWHM / FWTM: 82.0 + 25.0° / 119.0 + 84.0°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 0.9 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

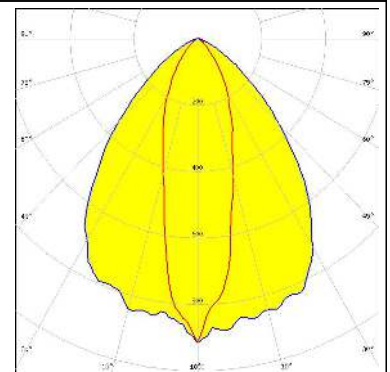
SAMSUNG

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:

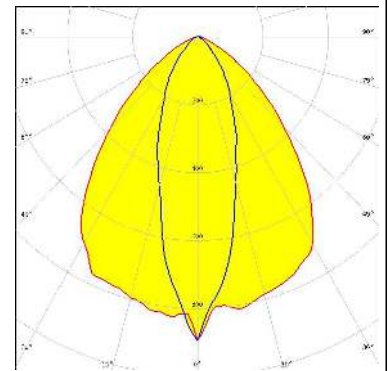


SAMSUNG

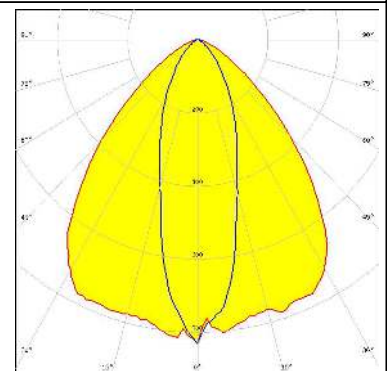
LED LM561B Plus
 FWHM / FWTM 82.0 + 28.0° / 121.0 + 79.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




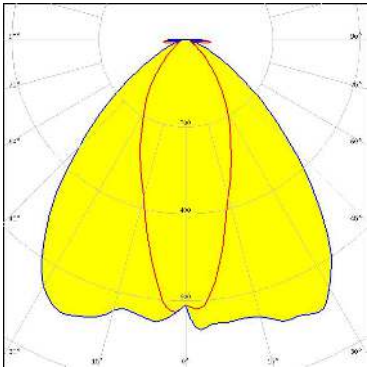

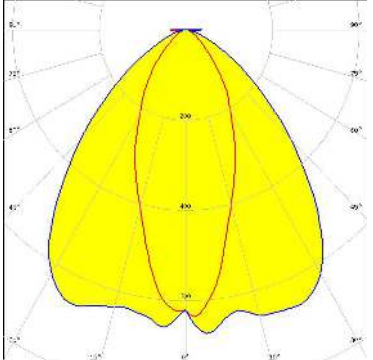
LED SEOUL DC 3030C
 FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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> 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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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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