

STRADA-SQ-FW

Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups. Assembly with installation tape. Version with location pins.

SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	15.2 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

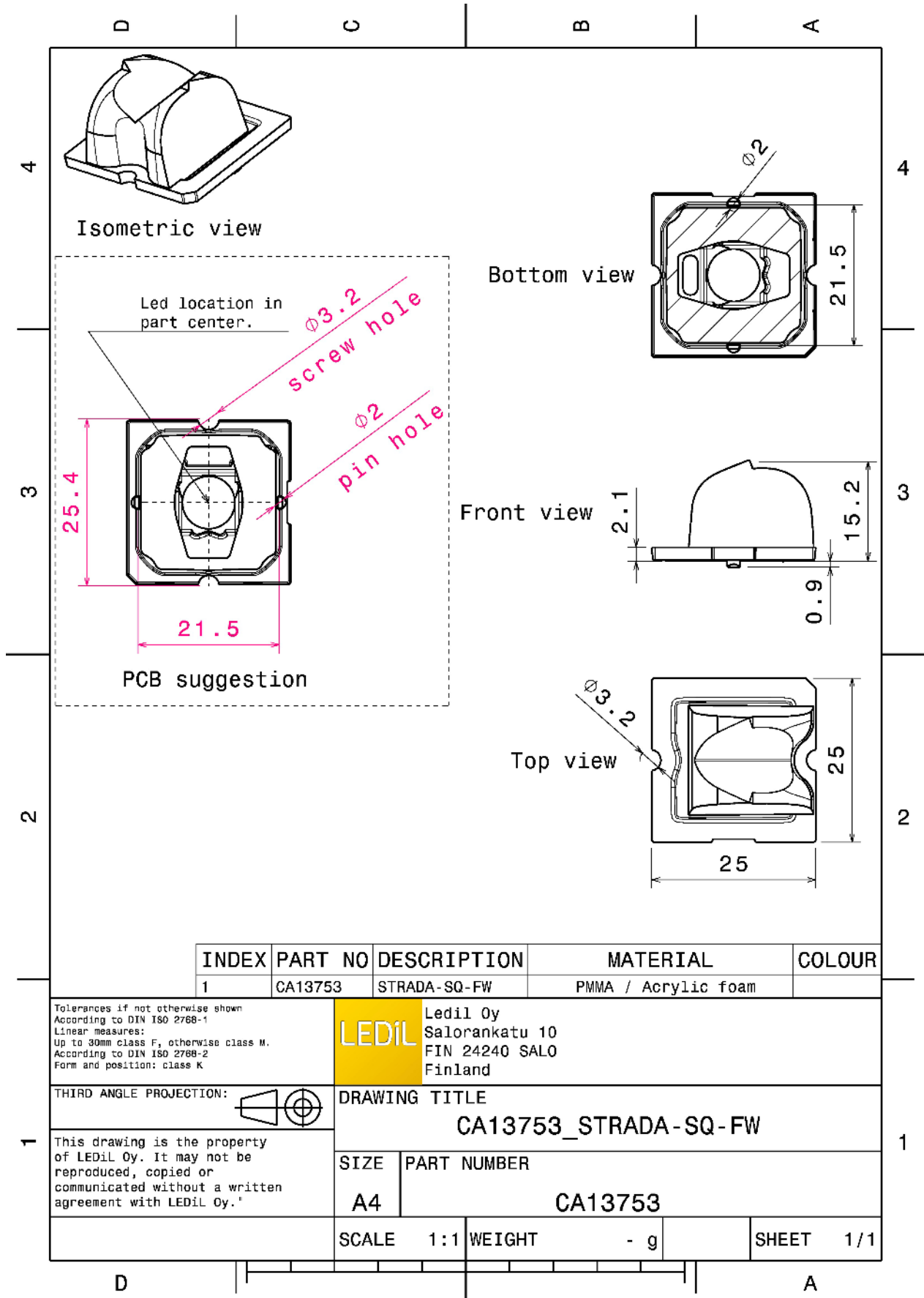


MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-SQ-FW	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13753_STRADA-SQ-FW	Single lens	1568	294	98	7.4
» Box size: 480 x 280 x 300 mm					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	CA13753	STRADA-SQ-FW	PMMA / Acrylic foam	

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class F, otherwise class M.
 According to DIN ISO 2768-2
 Form and position: class K

LEDiL Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CA13753_STRADA-SQ-FW

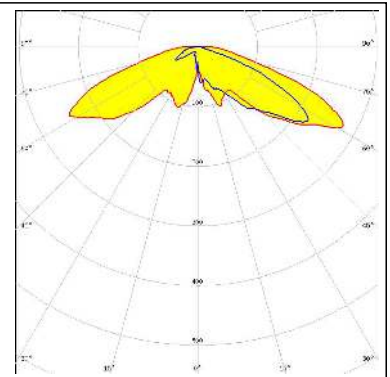
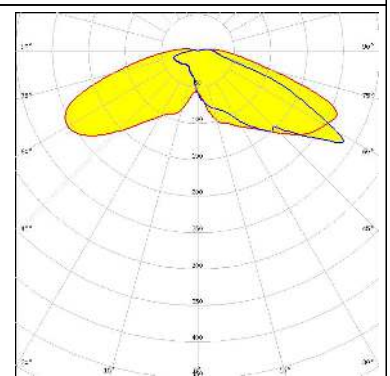
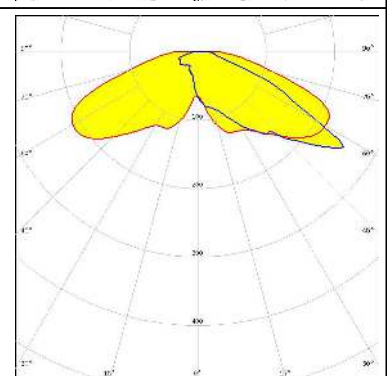
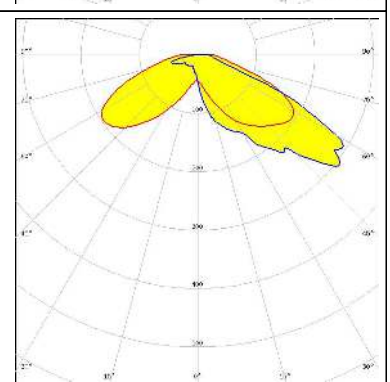
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SIZE	PART NUMBER
A4	CA13753

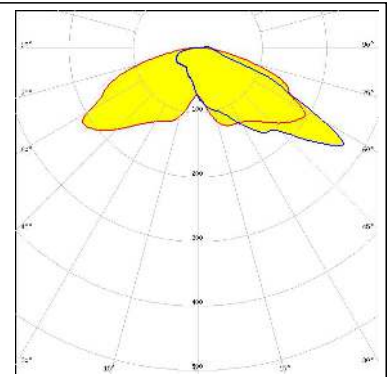
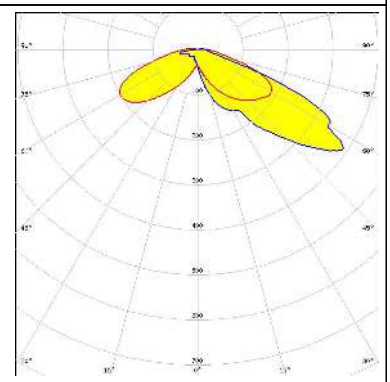
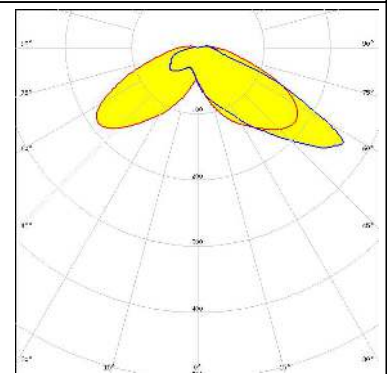
SCALE	1:1	WEIGHT	- g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide


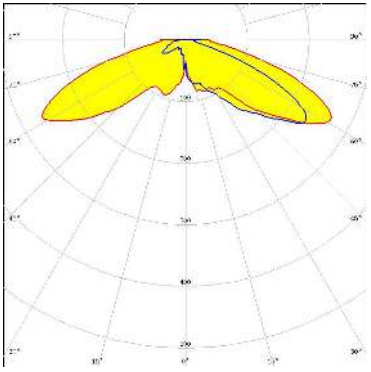

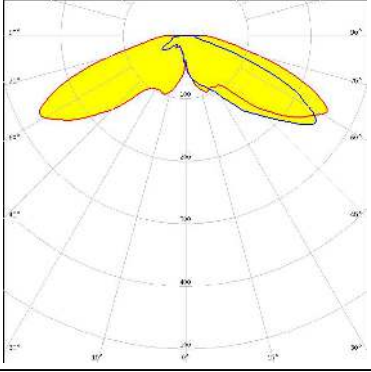

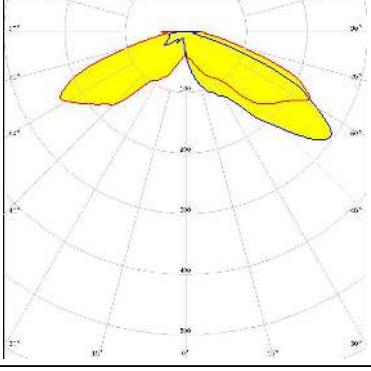

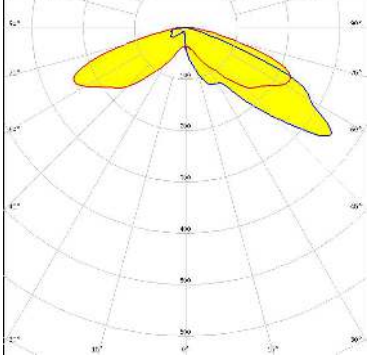
OPTICAL RESULTS (MEASURED):

<p>CREE → LED</p> <p>LED MK-R FWHM / FWTM Asymmetric Efficiency % LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XHP50 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.7 cd/m LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON M/MX FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON MZ FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/m LEDs/each optic 1 Light colour White Required components:</p>	

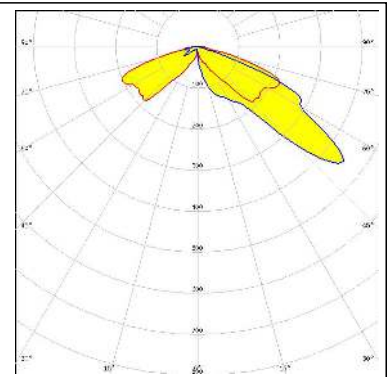
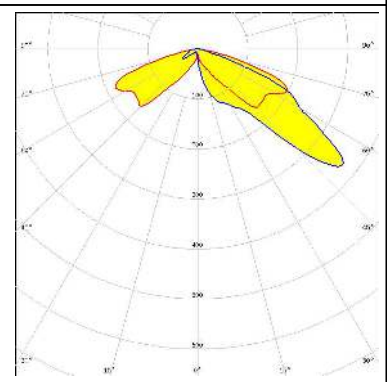
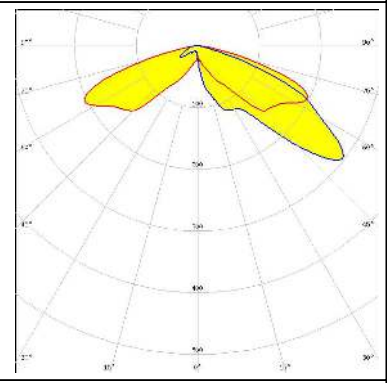
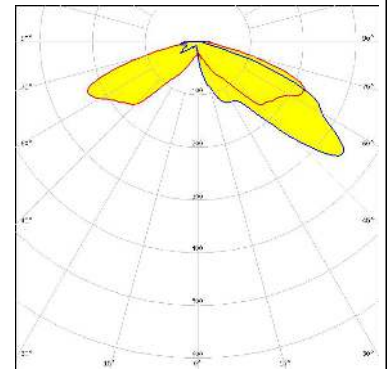
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON XR-M Linear (L2M0-xxxx003MC3300)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</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>NICHIA</p> <p>LED NVSW319B</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</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>OSRAM Opto Semiconductors</p> <p>LED Duris S10</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

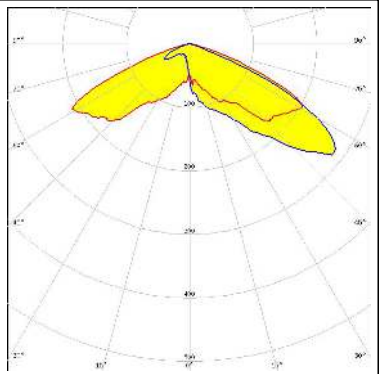
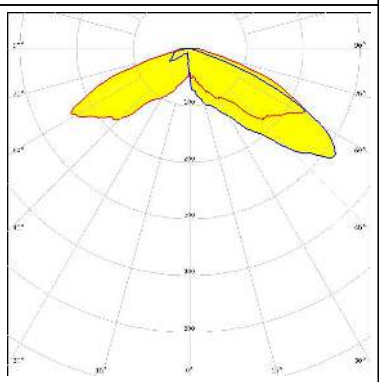
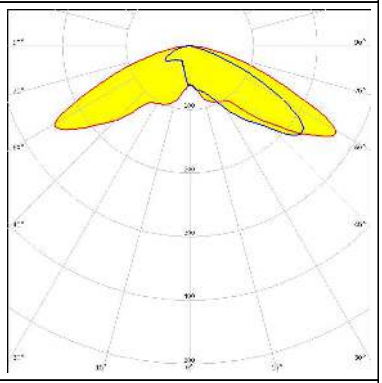
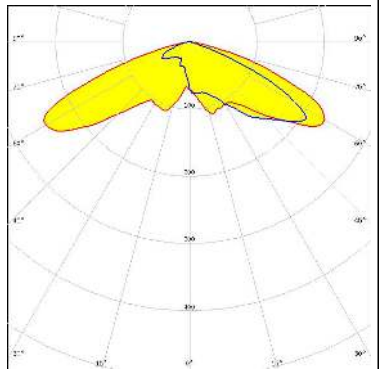
OPTICAL RESULTS (SIMULATED):

	<p>LED XHP50.2 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP50.3 HD FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP50.3 HI FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L2 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

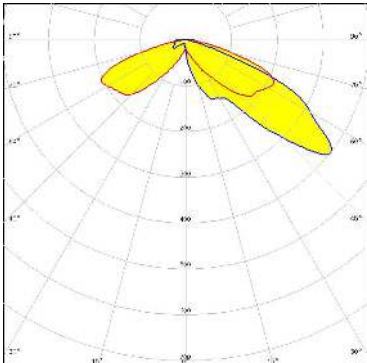
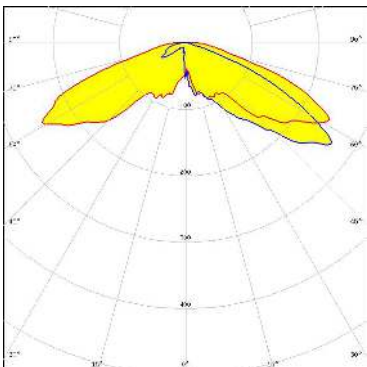
OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XP-G2 FWHM / FWTM: Asymmetric Efficiency: 94 % Peak intensity: 1.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XP-G2 FWHM / FWTM: Asymmetric Efficiency: 73 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Protective plate, glass</p>	
<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: Asymmetric Efficiency: 71 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Protective plate, glass</p>	
<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: Asymmetric Efficiency: 92 % Peak intensity: 1.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON 5050 Round LES</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 74 %</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>Protective plate, glass</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 5050 Round LES</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 1.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 7070</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 73 %</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>Protective plate, glass</p>	
<p>LUMILEDS</p> <p>LED: LUXEON M/MX</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 73 %</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>Protective plate, glass</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: Asymmetric Efficiency: 93 % Peak intensity: 1.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 7070 FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 1.1 cd/lm LEDs/each optic: 1 Light colour: White 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

Local sales and technical support

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