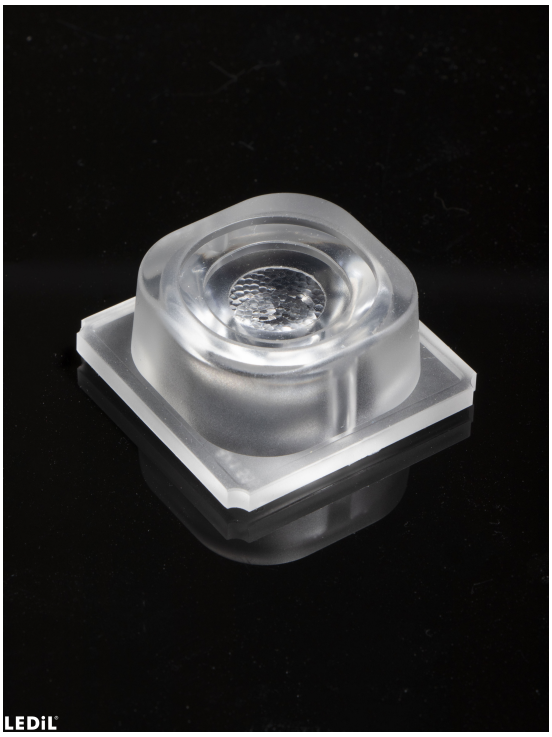
JENNY-20

~20° beam



SPECIFICATION:

Dimensions	35.0 x 35.0 mm
Height	14.5 mm
Fastening	pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
JENNY-20	Single lens	Silicone	clear		35.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15538_JENNY-20 » Box size: 480 x 280 x 300 mm	1140	120	60	10.4

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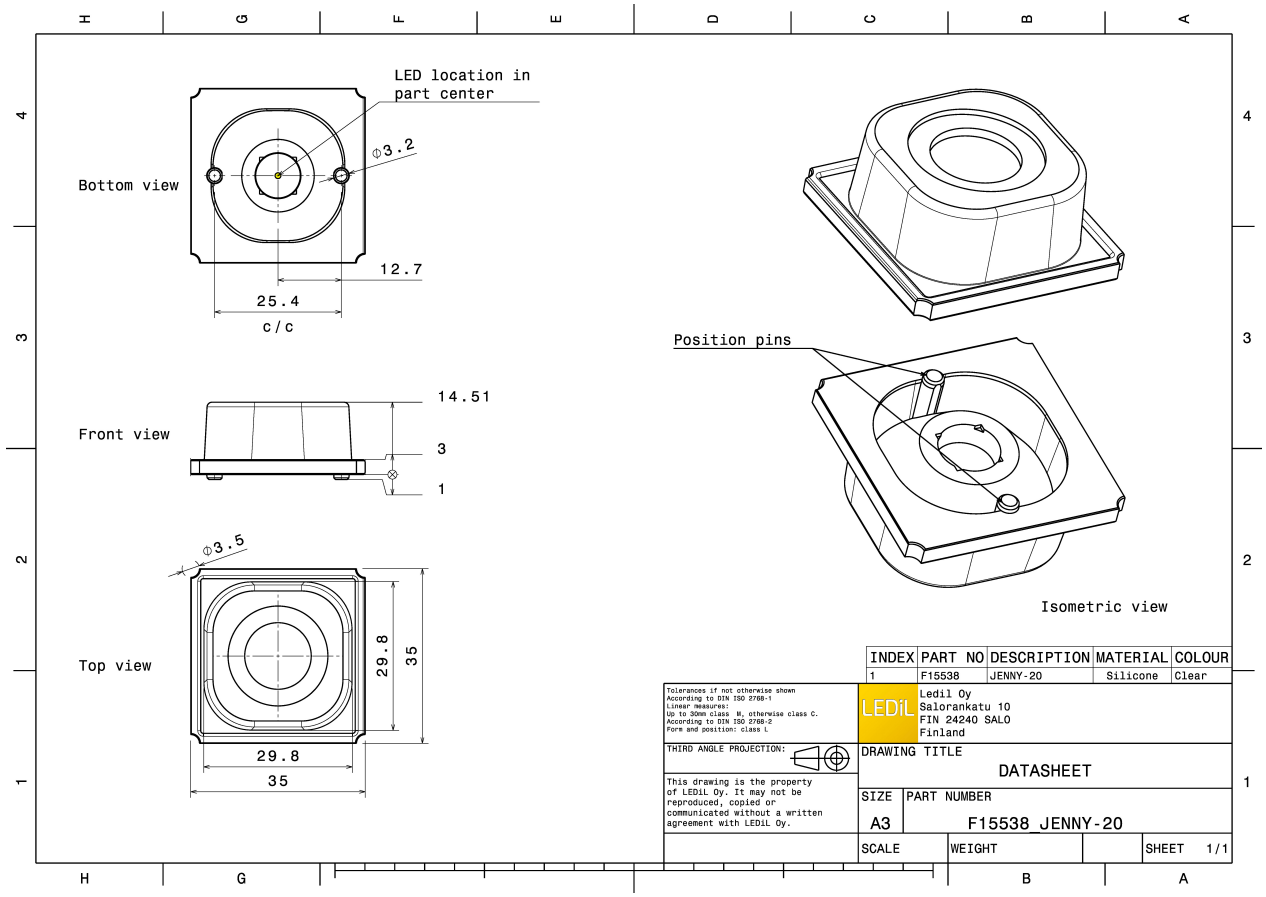

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15538	JENNY-20	Silicone	Clear

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

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE: DATASHEET

SIZE: A3 | PART NUMBER: F15538_JENNY-20

SCALE | WEIGHT | SHEET 1/1

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

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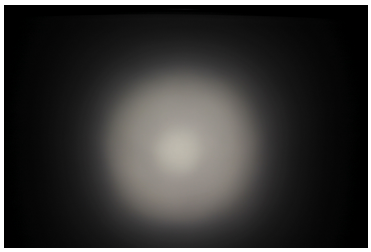
OPTICAL RESULTS (MEASURED):

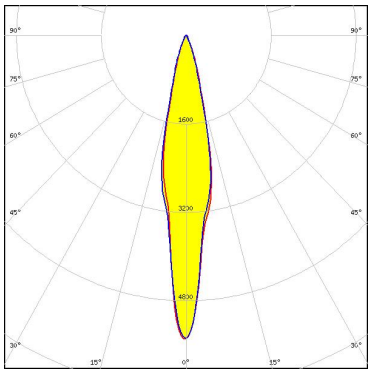
LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	19.0° / 39.0°
Efficiency	94 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C14436_JENNY-HLD-A-BLK





Light distribution files

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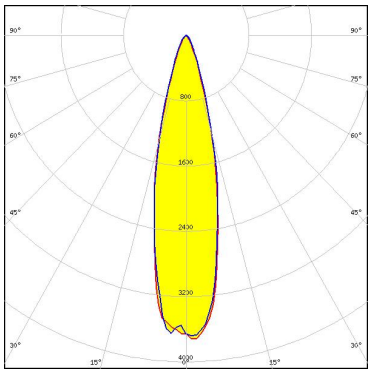
OPTICAL RESULTS (SIMULATED):

CREE LEDs

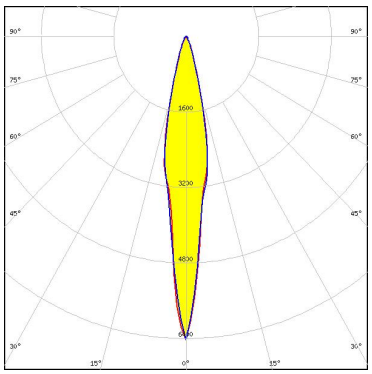
LED	MHD-E/G
FWHM / FWTM	24.0° / 47.0°
Efficiency	95 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

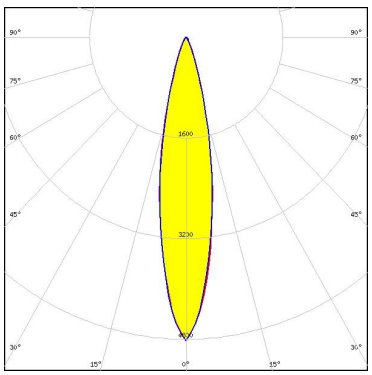
LED	MK-R
FWHM / FWTM	14.0° / 36.0°
Efficiency	96 %
Peak intensity	6.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP50.2
FWHM / FWTM	20.0° / 42.0°
Efficiency	95 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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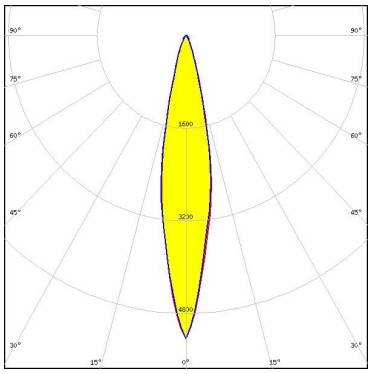
OPTICAL RESULTS (SIMULATED):

CREE LEDs

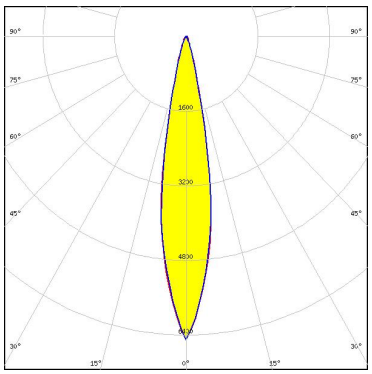
LED	XHP50.3 HD
FWHM / FWTM	20.0° / 38.0°
Efficiency	95 %
Peak intensity	5.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

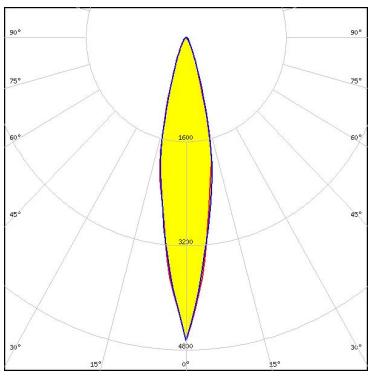
LED	XHP50.3 HI
FWHM / FWTM	20.0 + 19.0° / 34.0°
Efficiency	95 %
Peak intensity	6.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP70
FWHM / FWTM	20.0° / 43.0°
Efficiency	96 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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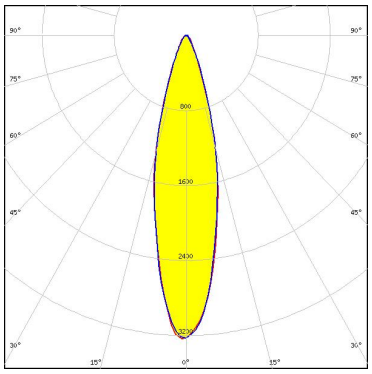
OPTICAL RESULTS (SIMULATED):

CREE LEDs

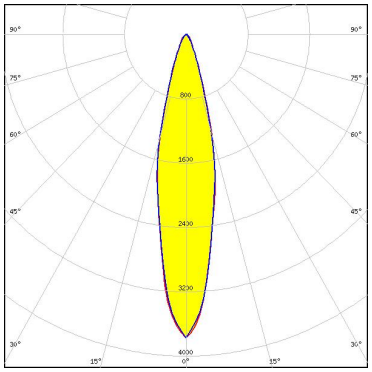
LED	XHP70.2
FWHM / FWTM	25.0° / 50.0°
Efficiency	94 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

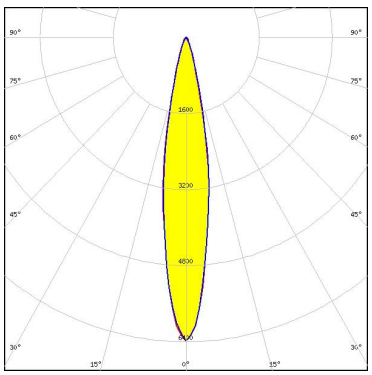
LED	XHP70.3 HD
FWHM / FWTM	23.0° / 46.0°
Efficiency	94 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP70.3 HI
FWHM / FWTM	18.0° / 36.0°
Efficiency	95 %
Peak intensity	6.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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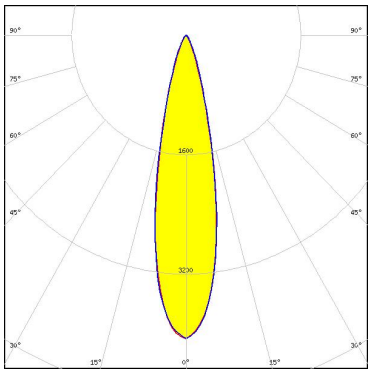
OPTICAL RESULTS (SIMULATED):

LUMILEDS

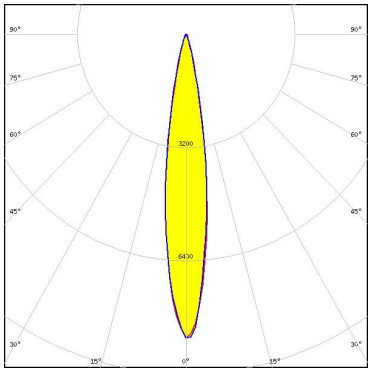
LED	LUXEON 7070
FWHM / FWTM	24.0° / 45.0°
Efficiency	91 %
Peak intensity	4.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

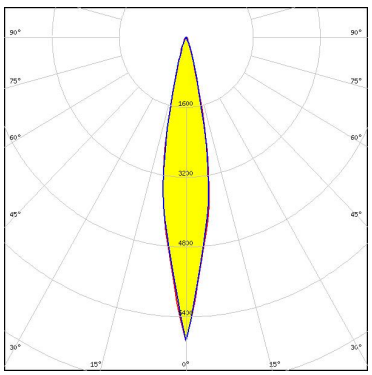
LED	LUXEON MZ
FWHM / FWTM	17.0° / 31.0°
Efficiency	94 %
Peak intensity	8.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMINUS

LED	SST-70X-WCS
FWHM / FWTM	18.0° / 34.0°
Efficiency	95 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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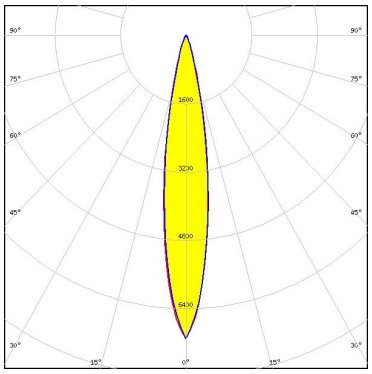
OPTICAL RESULTS (SIMULATED):

NICHIA

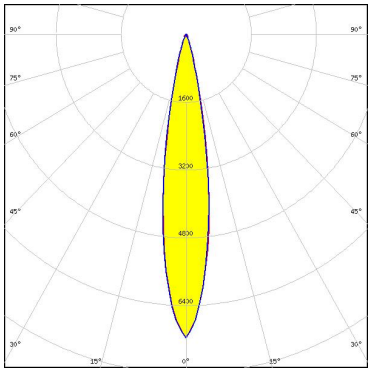
LED	NFMW48xA
FWHM / FWTM	18.0° / 34.0°
Efficiency	94 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C14436_JENNY-HLD-A-BLK	



Light distribution files

NICHIA

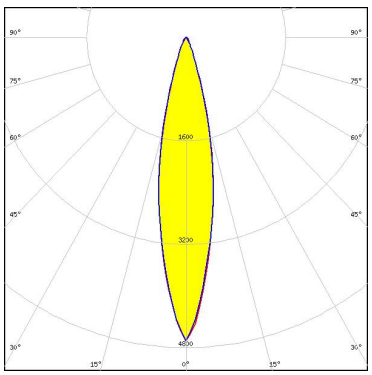
LED	NV4WB35AM
FWHM / FWTM	18.0° / 32.0°
Efficiency	92 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NV4x144A
FWHM / FWTM	22.0° / 42.0°
Efficiency	94 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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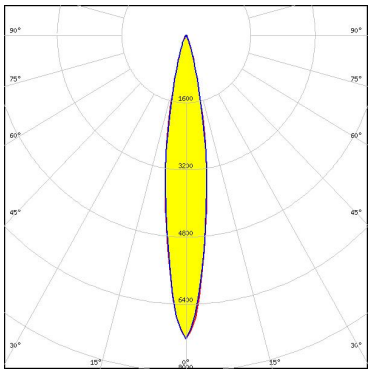
OPTICAL RESULTS (SIMULATED):

NICHIA

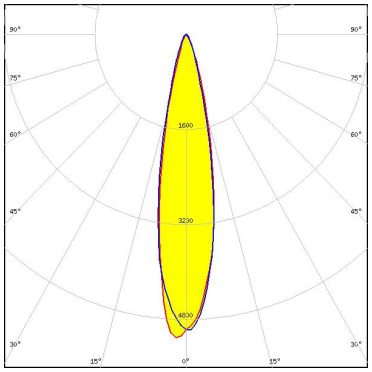
LED	NVSxE21A
FWHM / FWTM	16.0° / 34.0°
Efficiency	94 %
Peak intensity	7.2 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

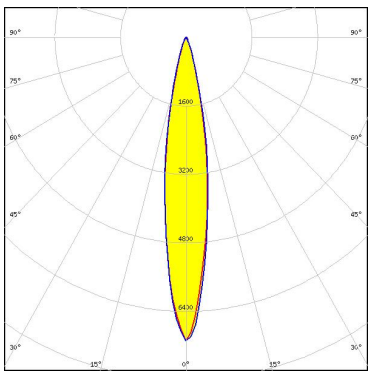
LED	Duris S10
FWHM / FWTM	21.0° / 41.0°
Efficiency	96 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	17.0° / 35.0°
Efficiency	94 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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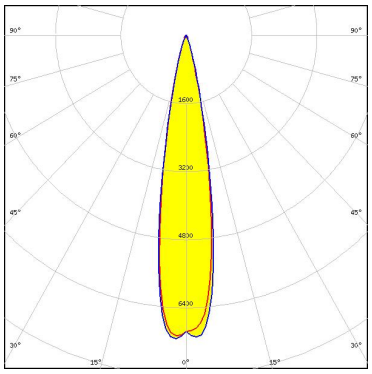
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

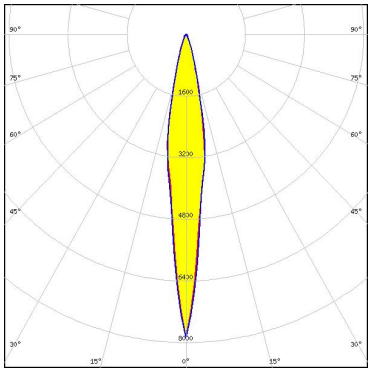
LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	20.0° / 34.0°
Efficiency	94 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

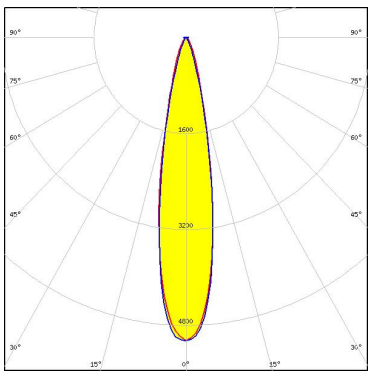
LED	OSCONIQ P 7070
FWHM / FWTM	13.0° / 34.0°
Efficiency	96 %
Peak intensity	7.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM / FWTM	20.0° / 40.0°
Efficiency	95 %
Peak intensity	5.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

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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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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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
www.ledil.com/
where_to_buy

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
www.ledil.com/
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