

DALINE-10-M

~30° medium beam

SPECIFICATION:

Dimensions	279.5 x 12.5
Height	9.8 mm
Fastening	clips
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
C19328_DALINE-10-M	Linear lens	PMMA	clear		
C19620_DALINE-10-SHD2-WHT-MATT	Shade	PC	white	matt	
C19618_DALINE-10-SHD2-MATT	Shade	PC	black	matt	
C19509_DALINE-10-SHD1-WHT-MATT	Shade	PC	white	matt	
C19333_DALINE-10-SHD1-MATT	Shade	PC	black	matt	

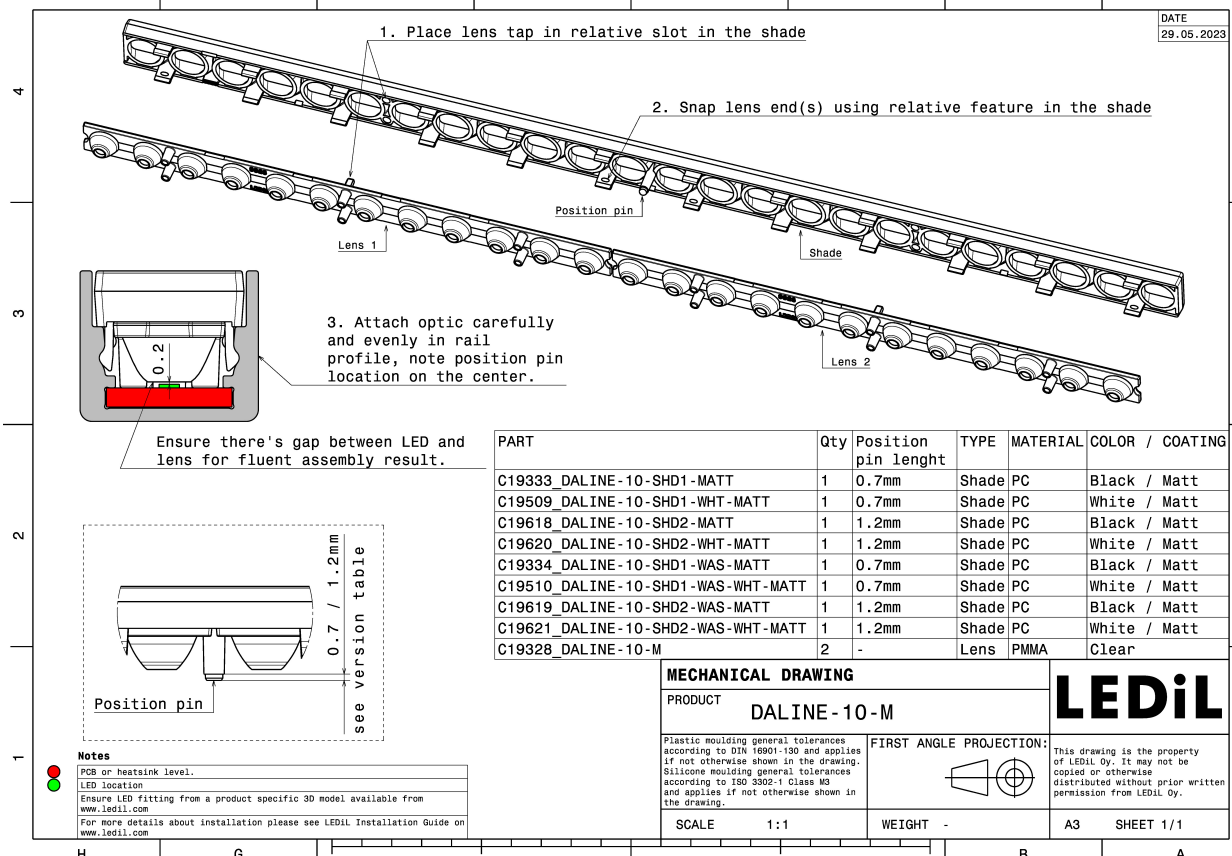
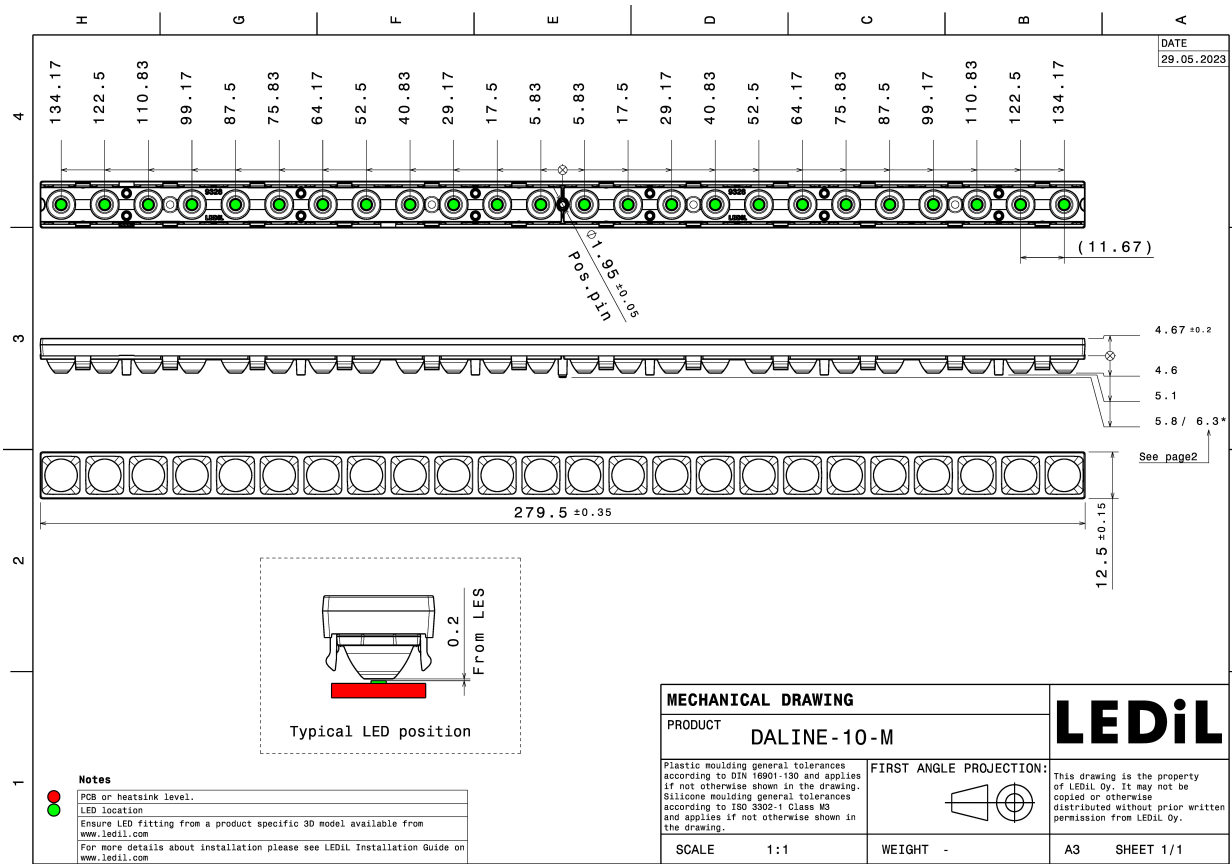
ORDERING INFORMATION:

Quantities for one set:

Linear lens	2
Shade	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C19328_DALINE-10-M	Linear lens	1560	52	52	8.0
» Box size: 480 x 280 x 300 mm					
C19333_DALINE-10-SHD1-MATT	Shade	390	26	26	5.9
» Box size: 400 x 300 x 300 mm					
C19509_DALINE-10-SHD1-WHT-MATT	Shade	390	26	26	6.0
» Box size: 400 x 300 x 300 mm					
C19618_DALINE-10-SHD2-MATT	Shade	390	26	26	6.0
» Box size: 400 x 300 x 300 mm					
C19620_DALINE-10-SHD2-WHT-MATT	Shade	390	26	26	6.1
» Box size: 400 x 300 x 300 mm					

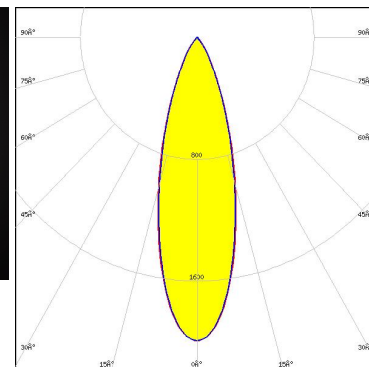
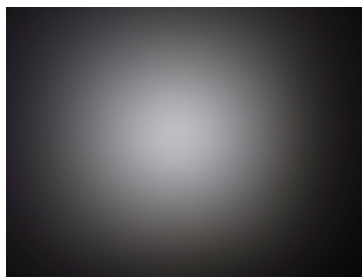




OPTICAL RESULTS (MEASURED):

MST | Your solutions

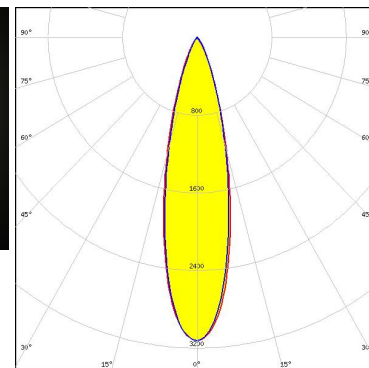
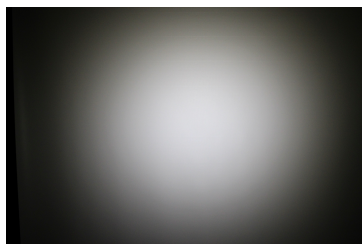
LED LinLED 279x10.5mm 1100lm 4C 36V DALINE-10 G1
 FWHM / FWTM 30.0° / 60.0°
 Efficiency 72 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19618_DALINE-10-SHD2-MATT



Light distribution files

SAMSUNG

LED LM101B
 FWHM / FWTM 25.0° / 50.0°
 Efficiency 80 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19333_DALINE-10-SHD1-MATT

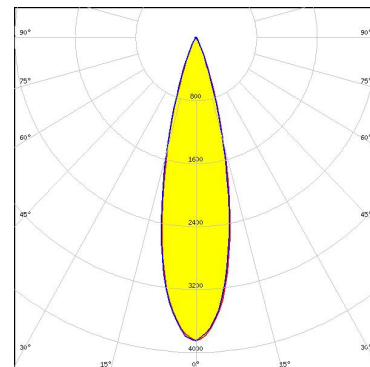


Light distribution files

OPTICAL RESULTS (SIMULATED):



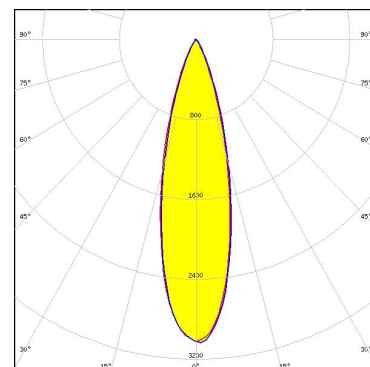
LED CSP 1111 (BXCP)
 FWHM / FWTM 26.0° / 45.0°
 Efficiency 85 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19333_DALINE-10-SHD1-MATT



Light distribution files



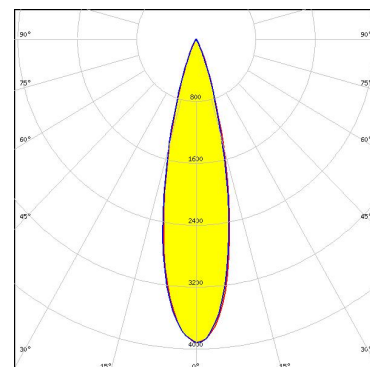
LED CSP 1919 (BXCP)
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 82 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19333_DALINE-10-SHD1-MATT



Light distribution files



LED XQ-E HI
 FWHM / FWTM 25.0° / 45.0°
 Efficiency 85 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19618_DALINE-10-SHD2-MATT

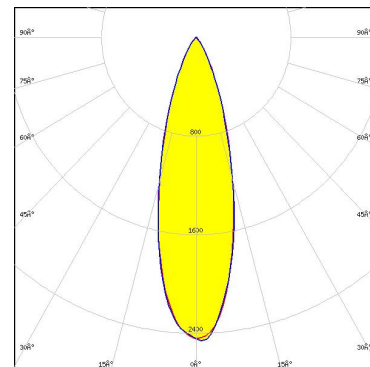


Light distribution files

OPTICAL RESULTS (SIMULATED):



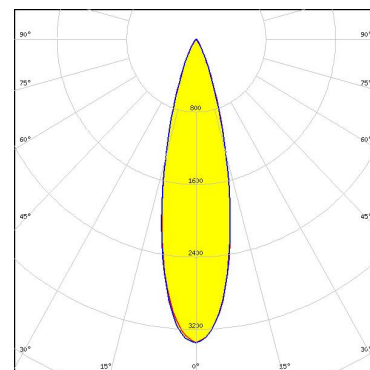
LED LUXEON 2835 Line
FWHM / FWTM 30.0° / 58.0°
Efficiency 82 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19618_DALINE-10-SHD2-MATT



Light distribution files



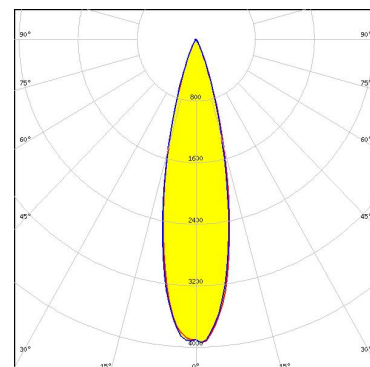
LED LUXEON 3014
FWHM / FWTM 26.0° / 50.0°
Efficiency 88 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT



Light distribution files



LED LUXEON CSP HL1
FWHM / FWTM 25.0° / 45.0°
Efficiency 87 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT

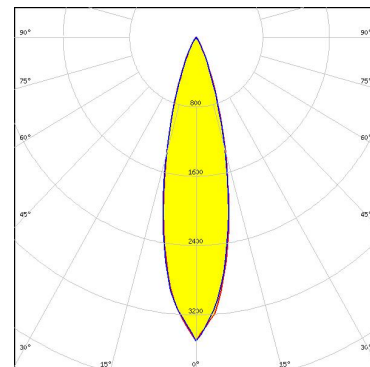


Light distribution files

OPTICAL RESULTS (SIMULATED):



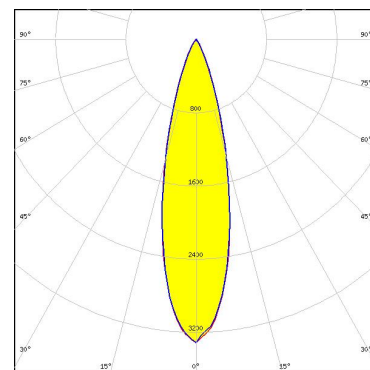
LED LUXEON Z ES
FWHM / FWTM 25.0° / 48.0°
Efficiency 86 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19618_DALINE-10-SHD2-MATT



Light distribution files



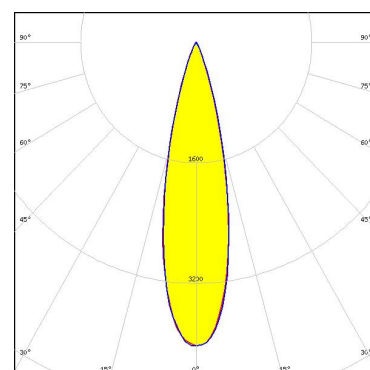
LED NCSxE17A
FWHM / FWTM 26.0° / 49.0°
Efficiency 85 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT



Light distribution files



LED NFSWE11A
FWHM / FWTM 25.0° / 43.0°
Efficiency 85 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT

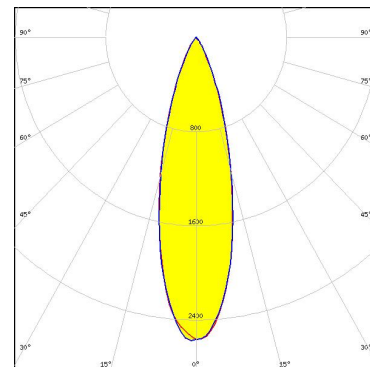


Light distribution files

OPTICAL RESULTS (SIMULATED):



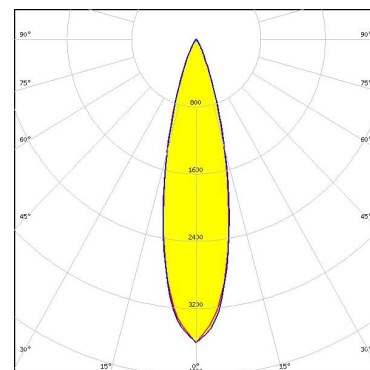
LED NVSxE21A
FWHM / FWTM 29.0° / 55.0°
Efficiency 81 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT



Light distribution files

SAMSUNG

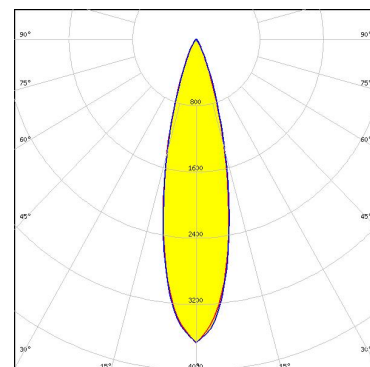
LED LH151B
FWHM / FWTM 25.0° / 48.0°
Efficiency 87 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT



Light distribution files

SAMSUNG

LED LH151B
FWHM / FWTM 25.0° / 48.0°
Efficiency 90 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19509_DALINE-10-SHD1-WHT-MATT

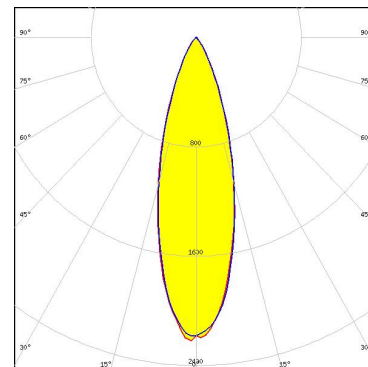


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

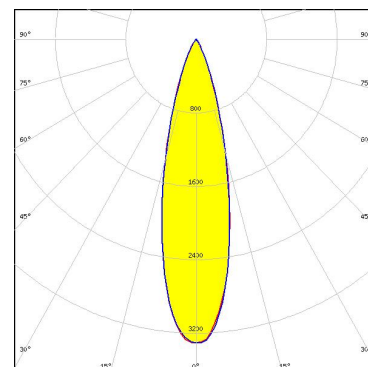
LED LH181B
FWHM / FWTM 30.0° / 58.0°
Efficiency 77 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT



Light distribution files

SAMSUNG

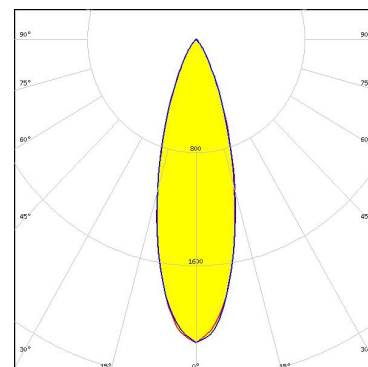
LED LM101B
FWHM / FWTM 26.0° / 50.0°
Efficiency 85 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT



Light distribution files

SAMSUNG

LED LM28xB Series
FWHM / FWTM 30.0° / 60.0°
Efficiency 78 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19333_DALINE-10-SHD1-MATT

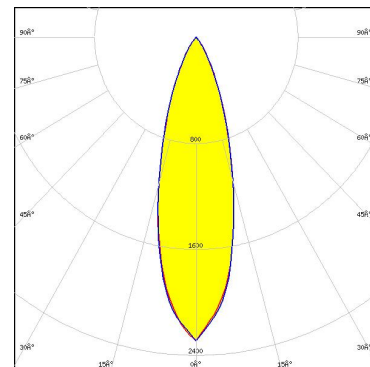


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

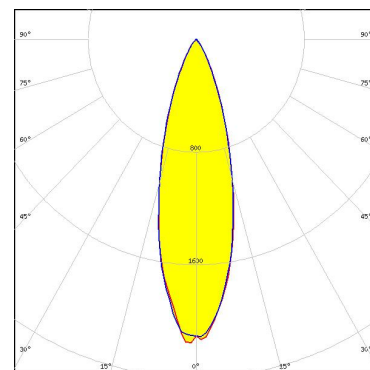
LED LM28xB Series
 FWHM / FWTM 30.0° / 58.0°
 Efficiency 79 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19618_DALINE-10-SHD2-MATT



Light distribution files

SAMSUNG

LED LM301B
 FWHM / FWTM 30.0° / 58.0°
 Efficiency 73 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19618_DALINE-10-SHD2-MATT



Light distribution files

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 7
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](http://www.ledil.com/where_to_buy)

Shipping locations

Poznan, Poland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)