

## YASMEEN-70-S-C-WHT

~15° spot beam. Assembly with holder C compatible with LEDiL HEKLA. White version.

### SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

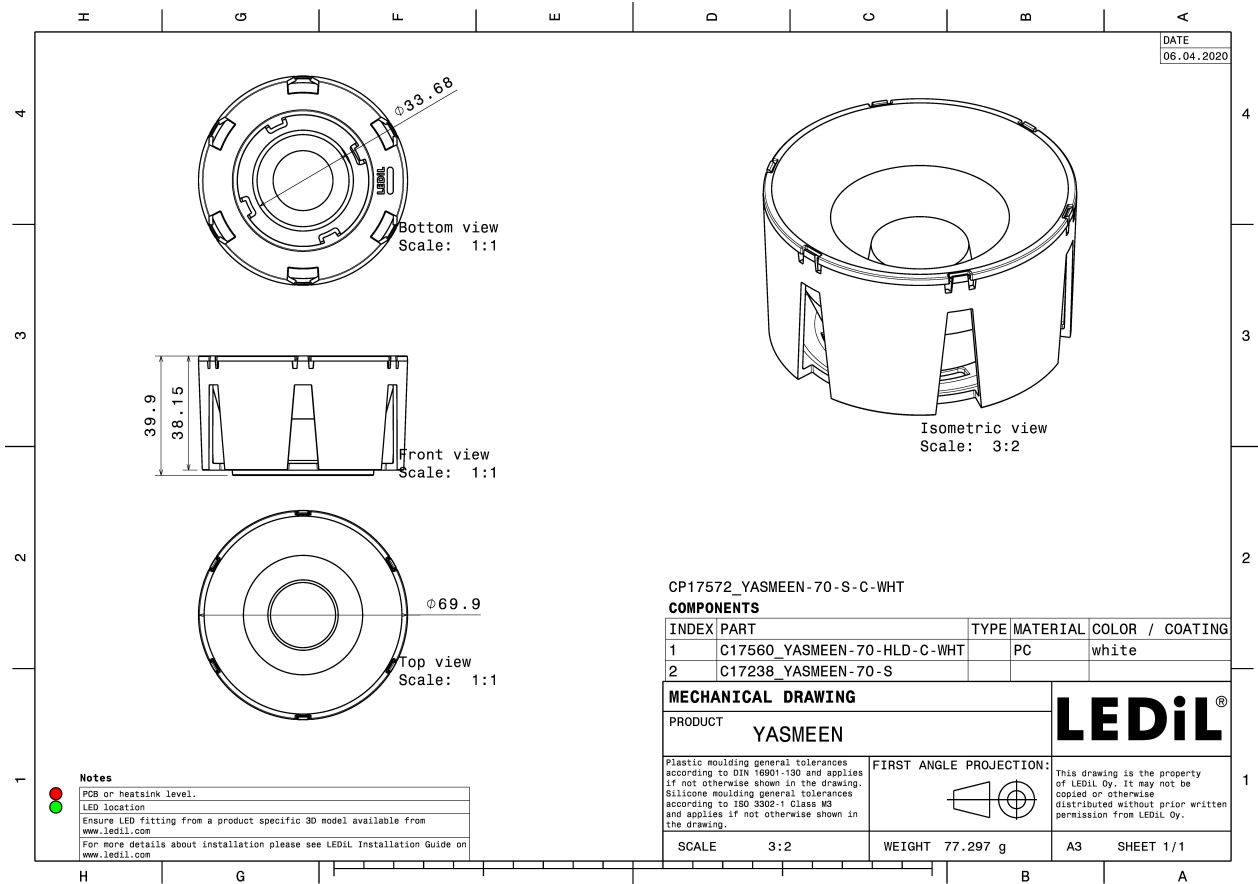
### MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-70-S	Single lens	PMMA	clear	
YASMEEN-70-HLD-C-WHT	Holder	PC	white	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17572_YASMEEN-70-S-C-WHT	Single lens	105	105	15	9.8
» Box size: 476 x 273 x 305 mm					



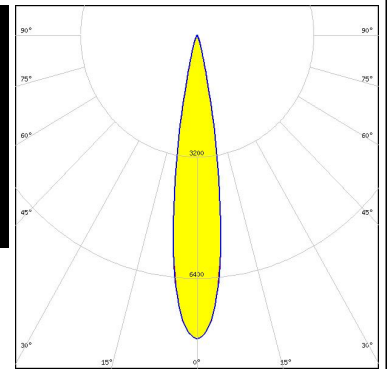


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

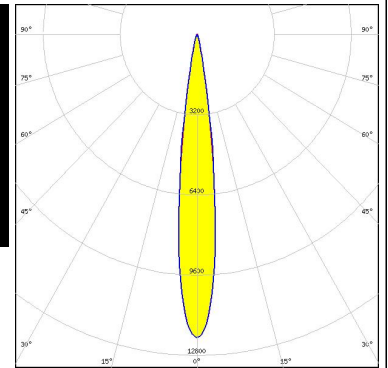
#### OPTICAL RESULTS (MEASURED):



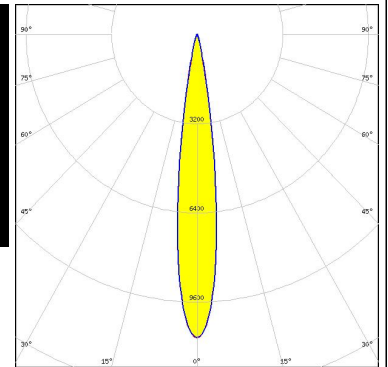
LED V11 HD Gen 8  
FWHM / FWTM 18.0° / 30.0°  
Efficiency 93 %  
Peak intensity 8 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 633d Hekla



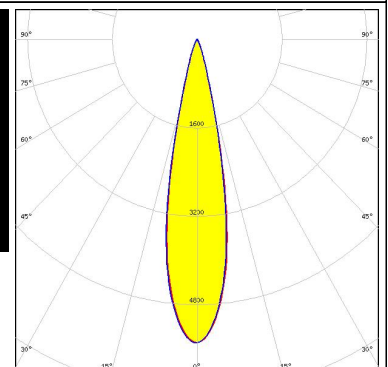
LED V9 HD Gen7  
FWHM / FWTM 13.0° / 24.0°  
Efficiency 92 %  
Peak intensity 12.1 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



LED VERO10  
FWHM / FWTM 14.0° / 25.0°  
Efficiency 93 %  
Peak intensity 10.9 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:  
F15616\_HEKLA-SOCKET-F



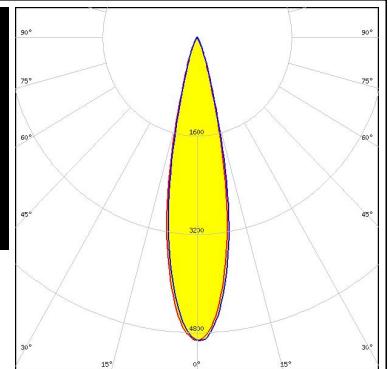
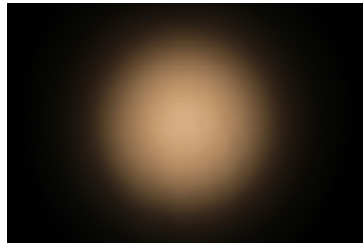
LED Vesta DTW 13mm (21W)  
FWHM / FWTM 22.0° / 36.0°  
Efficiency 92 %  
Peak intensity 5.5 cd/Im  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
Bender Wirth: 632b Hekla XL



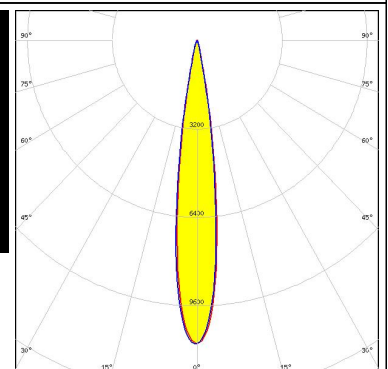
#### OPTICAL RESULTS (MEASURED):



LED Vesta DTW 15mm (33W)  
 FWHM / FWTM 23.0° / 39.0°  
 Efficiency 92 %  
 Peak intensity 4.9 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 Bender Wirth: 632b Hekla XL

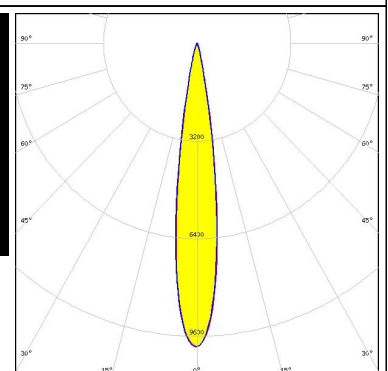
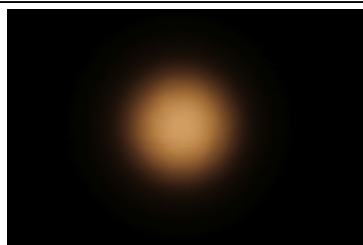


LED Vesta DTW 9mm (4W/6W/12W)  
 FWHM / FWTM 15.0° / 25.0°  
 Efficiency 93 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 Bender Wirth: 652b Hekla



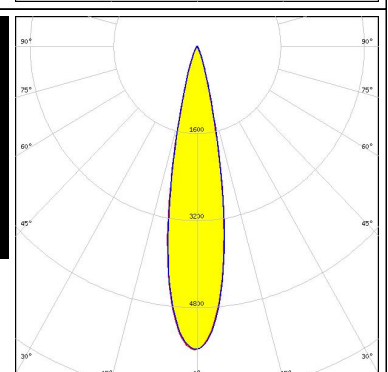
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 15.5° / 26.5°  
 Efficiency 92 %  
 Peak intensity 10 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### CITIZEN

LED CLL03x/CLU03x  
 FWHM / FWTM 21.0° / 37.0°  
 Efficiency 92 %  
 Peak intensity 5.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I

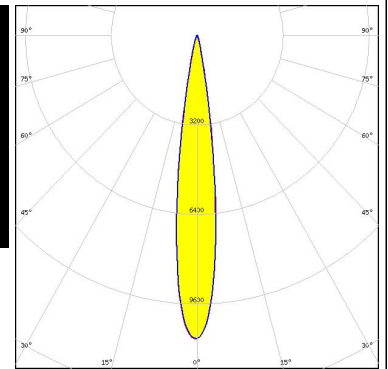
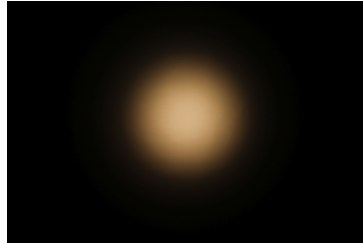




#### OPTICAL RESULTS (MEASURED):

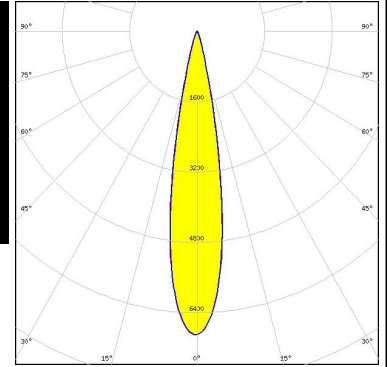
##### CREE LED

LED CMA1516  
FWHM / FWTM 14.0° / 25.0°  
Efficiency 93 %  
Peak intensity 10.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17436\_HEKLA-G2-D



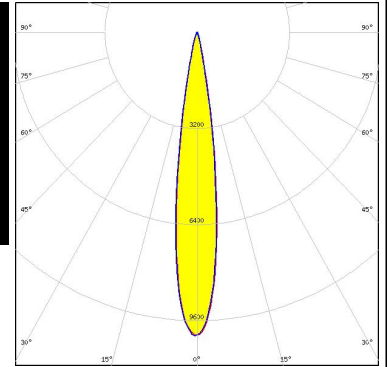
##### CREE LED

LED CMA1825  
FWHM / FWTM 19.0° / 32.0°  
Efficiency 93 %  
Peak intensity 6.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15254\_HEKLA-SOCKET-B



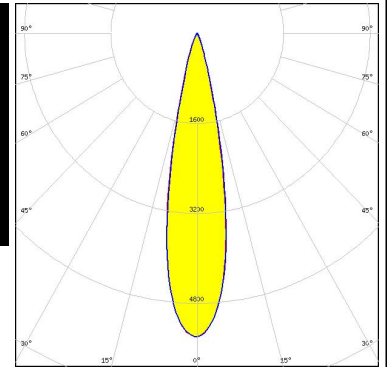
##### CREE LED

LED CMT14xx  
FWHM / FWTM 15.0° / 26.0°  
Efficiency 92 %  
Peak intensity 10.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



##### CREE LED

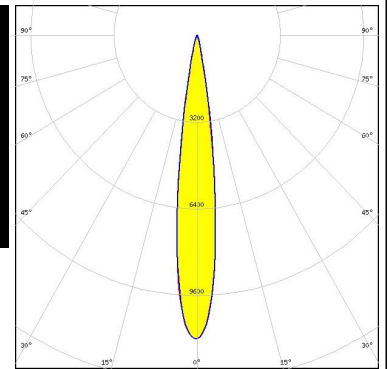
LED CMT19xx  
FWHM / FWTM 21.0° / 36.0°  
Efficiency 92 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



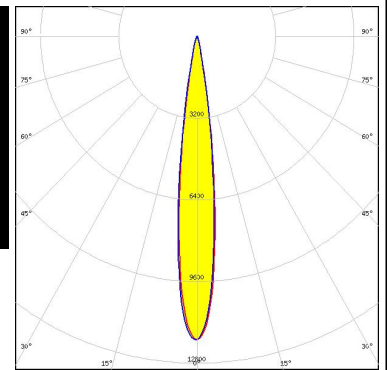
#### OPTICAL RESULTS (MEASURED):



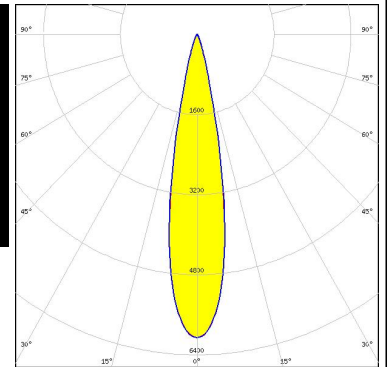
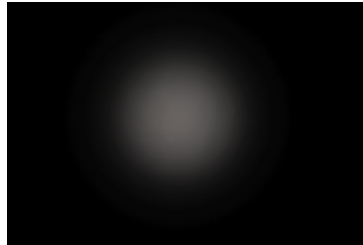
LED LUXEON CoB 1202/1203  
 FWHM / FWTM 14.0° / 24.0°  
 Efficiency 92 %  
 Peak intensity 11.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



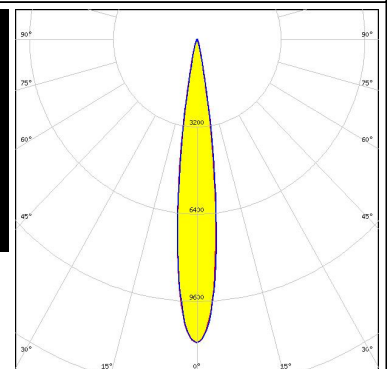
LED COB L-Type (LES 9)  
 FWHM / FWTM 13.0° / 24.0°  
 Efficiency 92 %  
 Peak intensity 11.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



LED COB S-Type (LES 7)  
 FWHM / FWTM 20.0° / 34.0°  
 Efficiency 92 %  
 Peak intensity 6.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



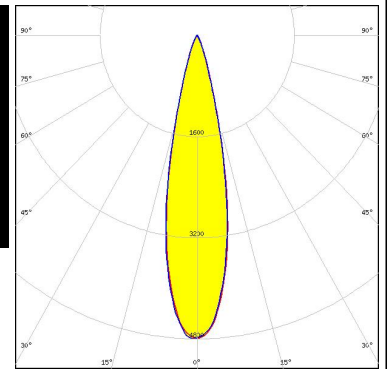
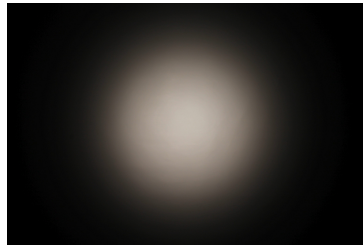
LED Fortimo SLM L09 CoB  
 FWHM / FWTM 14.0° / 25.0°  
 Efficiency 92 %  
 Peak intensity 11.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



#### OPTICAL RESULTS (MEASURED):

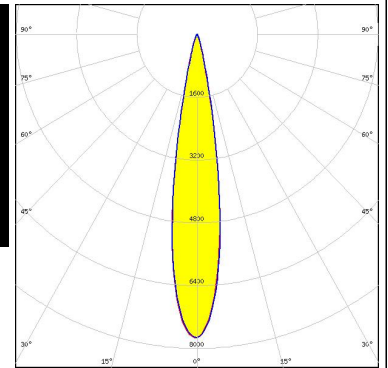
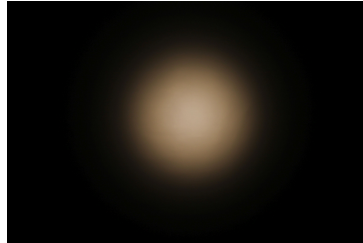
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 23.0° / 40.0°  
 Efficiency 92 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I

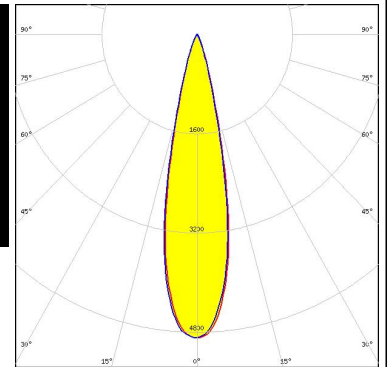
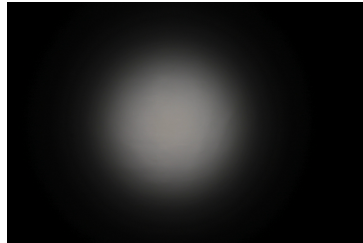


#### SAMSUNG

LED LC030C/040C G2  
 FWHM / FWTM 17.0° / 30.0°  
 Efficiency 92 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I

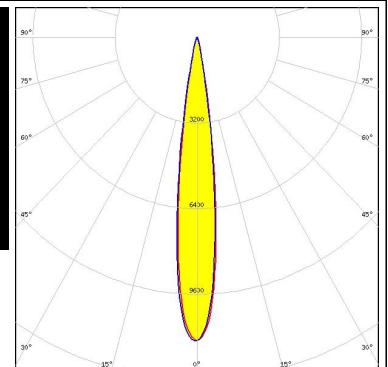


LED MJT COB LES 14.5  
 FWHM / FWTM 23.0° / 39.0°  
 Efficiency 92 %  
 Peak intensity 4.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



#### TRIDONIC

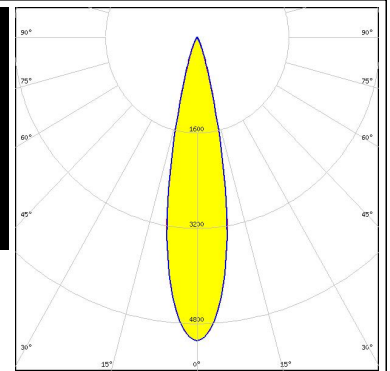
LED SLE G7 LES09  
 FWHM / FWTM 15.0° / 25.0°  
 Efficiency 93 %  
 Peak intensity 11.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

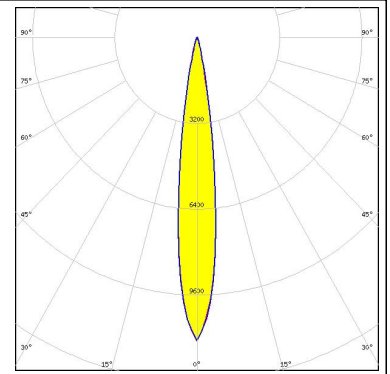
LED SLE G7 LES15  
 FWHM / FWTM 22.0° / 38.0°  
 Efficiency 92 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



#### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED	CLU712/713
FWHM / FWTM	14.0° / 26.0°
Efficiency	93 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	F17438_HEKLA-G2-I



### 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)