

## ZORYA-SC-C

~340° omnidirectional decorative beam.  
Assembly with HEKLA adapter.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 55.0 mm
Height	35 mm
Fastening	socket
ROHS compliant	yes ⓘ

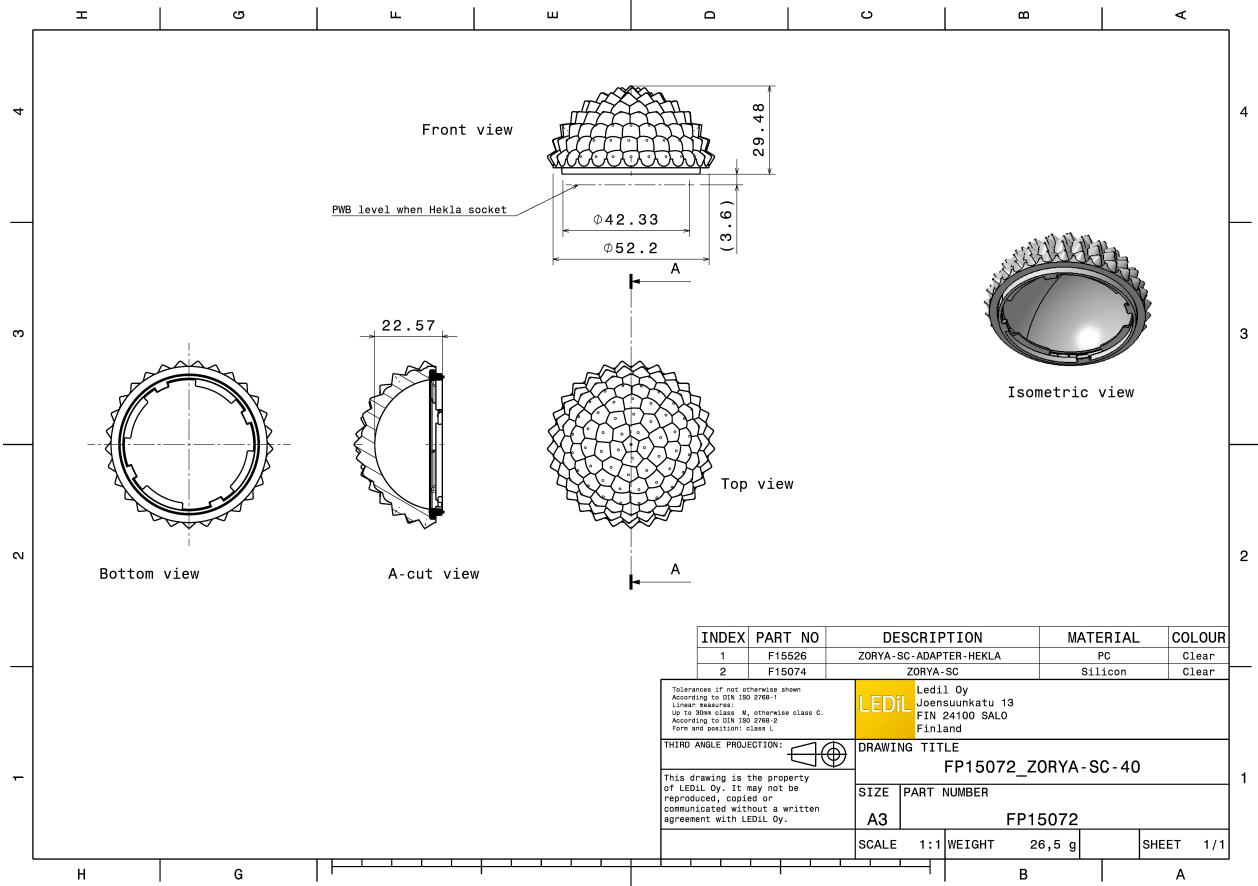


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ZORYA-SC	Single lens	Silicone	clear	
ZORYA-SC-ADAPTER-C	Holder	PC	clear	


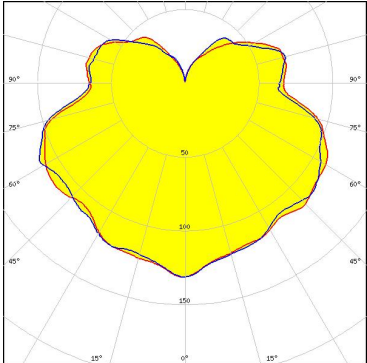

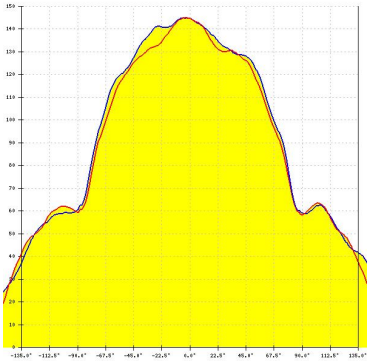

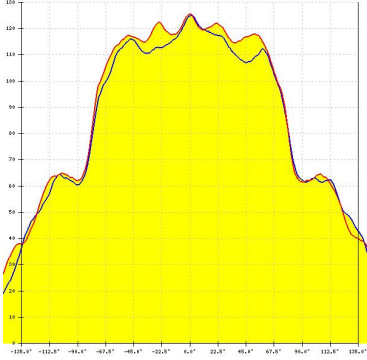

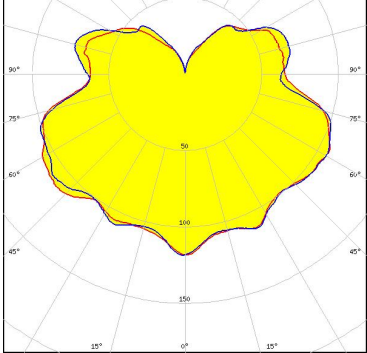
### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FP15072_ZORYA-SC-C » Box size: 398 x 298 x 140 mm	Single lens	140		35	3.0



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

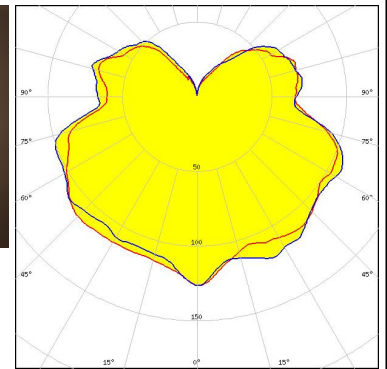
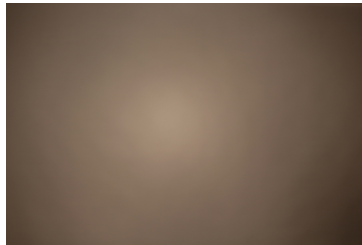
### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED VERO13            FWHM / FWTM 232.0° / 325.0°            Efficiency 94 %            Peak intensity 0.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED VERO18            FWHM / FWTM 161.0° / 316.0°            Efficiency 94 %            Peak intensity 0.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED Vesta TW 13mm (25W) CSP            FWHM / FWTM 160.0° / 300.0°            Efficiency 94 %            Peak intensity 0.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 492 Typ L8</p>	
<p></p> <p>LED Vesta TW 9mm (12W) CSP            FWHM / FWTM 241.0° / 324.0°            Efficiency 94 %            Peak intensity 0.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	

#### PHOTOMETRIC DATA (MEASURED):

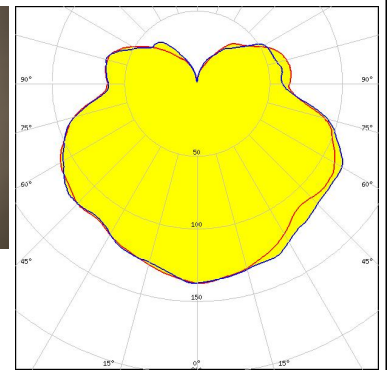
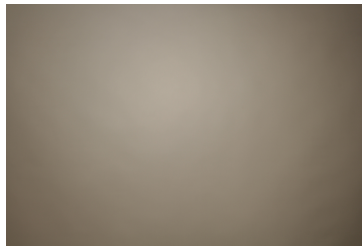
### CITIZEN

LED CLC020 Series (Dim-To-Warm)  
 FWHM / FWTM 235.0° / 322.0°  
 Efficiency 92 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



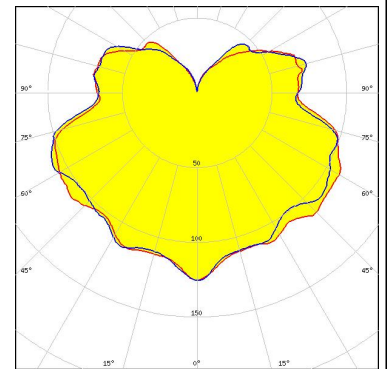
### CITIZEN

LED CLC030 Series (Dim-To-Warm)  
 FWHM / FWTM 163.0° / 317.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



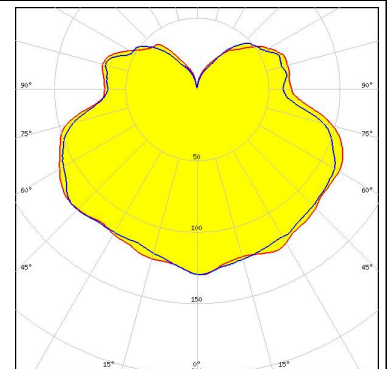
### CITIZEN

LED LCN-C01B (Tunable White)  
 FWHM / FWTM 231.0° / 322.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

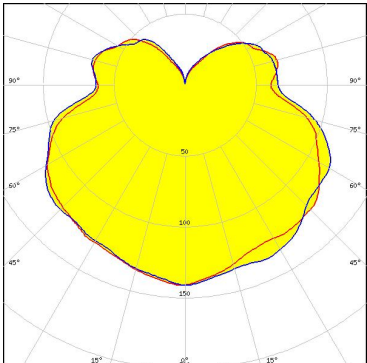
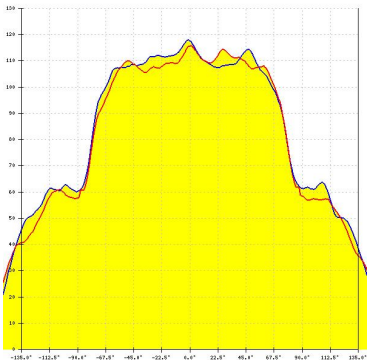
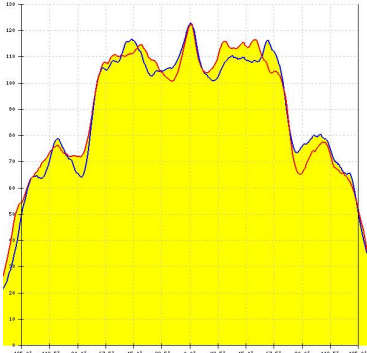
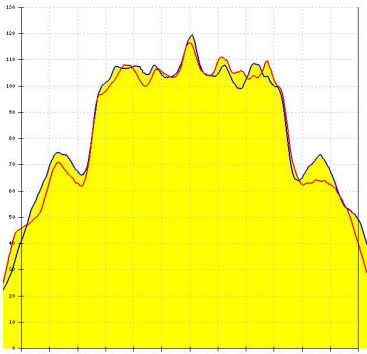


### CITIZEN

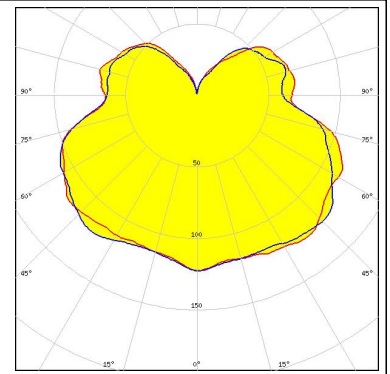
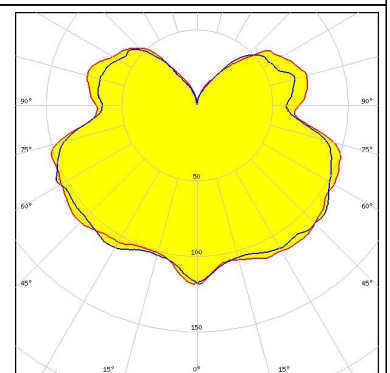
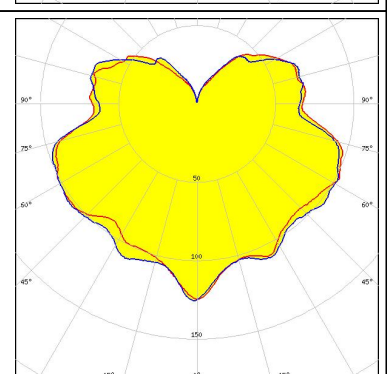
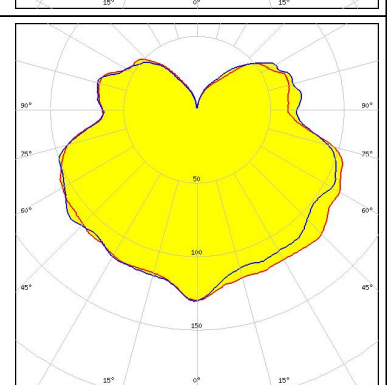
LED LCN-C02B (Tunable White)  
 FWHM / FWTM 224.0° / 326.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1208</p> <p>FWHM / FWTM 164.0° / 313.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 632a Hekla XL</p>	
<p><b>LUMINUS</b></p> <p>LED CDM-14 (Dim-To-Warm)</p> <p>FWHM / FWTM 220.0° / 330.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>	
<p><b>LUMINUS</b></p> <p>LED CDM-6 (Dim-To-Warm)</p> <p>FWHM / FWTM 240.0° / 330.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>	
<p><b>LUMINUS</b></p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM / FWTM 240.0° / 300.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>	

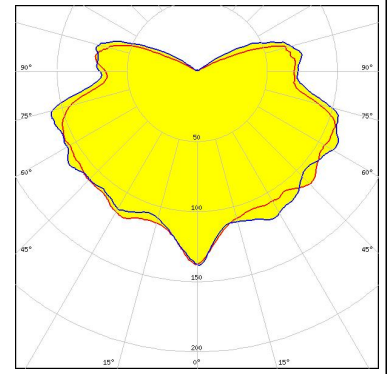
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMINUS</b></p> <p>LED CTM-14 (Tunable White)</p> <p>FWHM / FWTM 236.0° / 325.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 442 Typ L8</p>	
<p><b>LUMINUS</b></p> <p>LED CTM-9 (Tunable White)</p> <p>FWHM / FWTM 254.0° / 320.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 495 Typ L8</p>	
<p><b>NICHIA</b></p> <p>LED NJCWL024Z-V1MT: COB L-Type Tunable White</p> <p>FWHM / FWTM 234.0° / 321.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 497 Typ L8</p>	
<p><b>NICHIA</b></p> <p>LED NVCWJ024Z-V1MT: COB J-Type Tunable White</p> <p>FWHM / FWTM 224.0° / 322.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 498 Typ L8</p>	

## PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

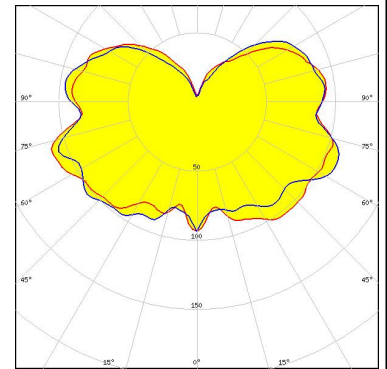
LED LC010C G2  
FWHM / FWTM 210.0° / 235.0°  
Efficiency 81 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



#### PHOTOMETRIC DATA (SIMULATED):

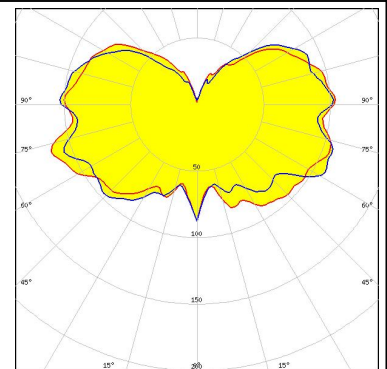
### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 262.0° / 332.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

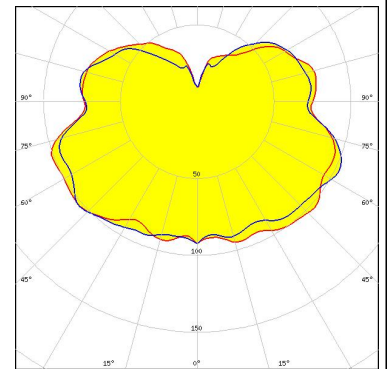


### CITIZEN

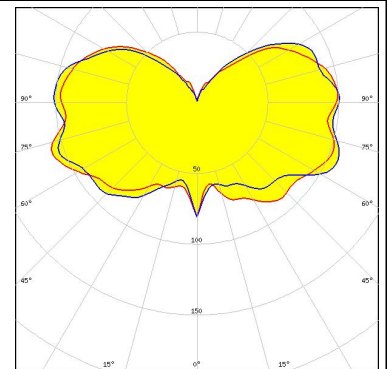
LED CLU700/701/702  
 FWHM / FWTM 265.0° / 330.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



LED CMT19xx  
 FWHM / FWTM 268.0° / 353.0°  
 Efficiency 93 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



LED CXA/B 13xx  
 FWHM / FWTM 264.0° / 324.0°  
 Efficiency 96 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15956\_HEKLA-SOCKET-J

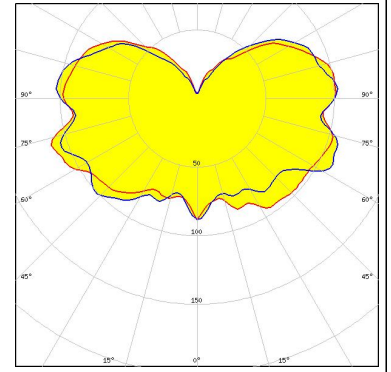




### PHOTOMETRIC DATA (SIMULATED):



LED CXA/B 15xx  
FWHM / FWTM 263.0° / 327.0°  
Efficiency 95 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15256\_HEKLA-SOCKET-D



### 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)