

STRADELLA-IP-28-T3-PC

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Variant made from PC.

SPECIFICATION:

Dimensions	100.0 x 100.0 mm
Height	9.2 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

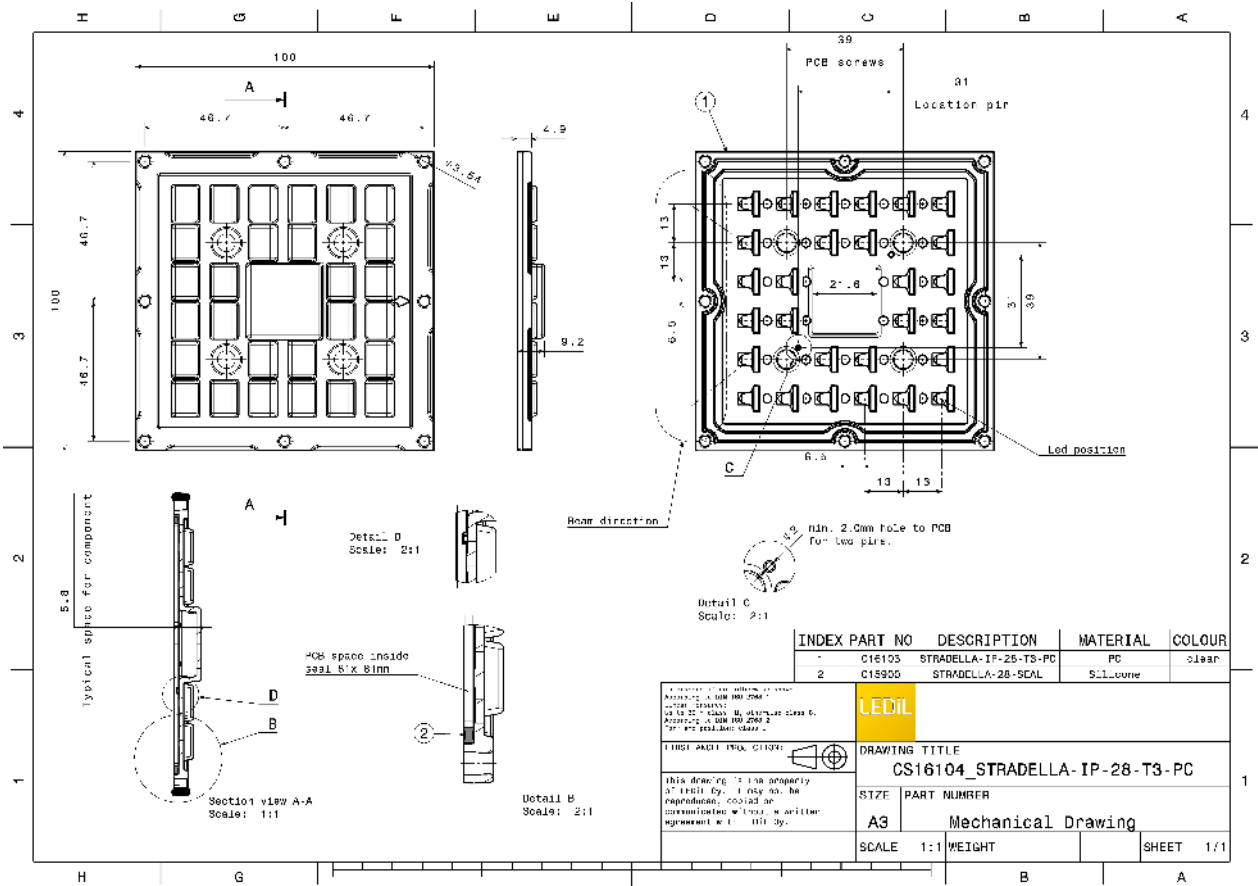


MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-IP-28-T3-PC	Multi-lens	PC	clear	
STRADELLA-28-SEAL	Seal	Silicone	white	


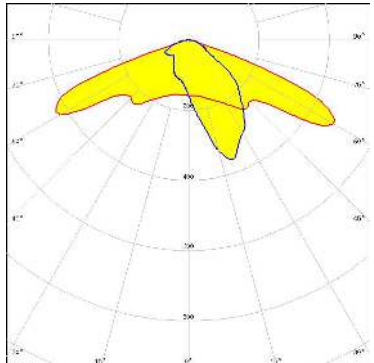

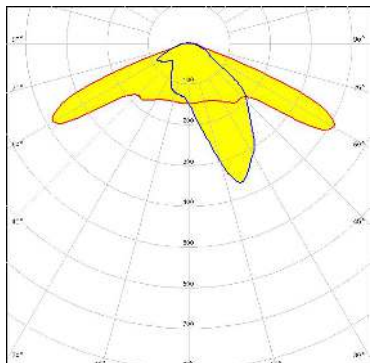

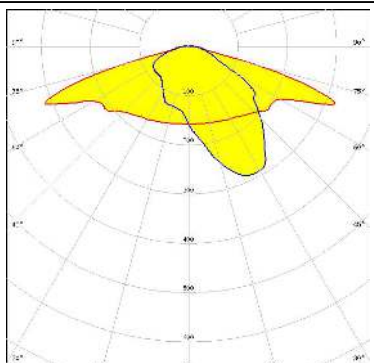

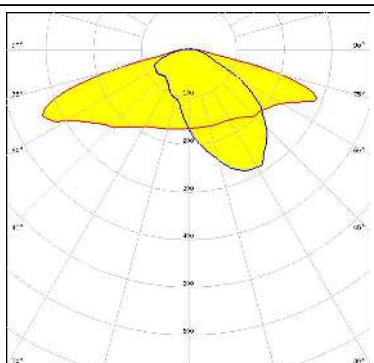
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CS16104_STRADELLA-IP-28-T3-PC » Box size: 476 x 273 x 247 mm	Multi-lens	156	78	78	6.3

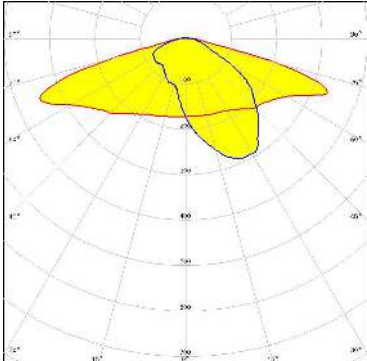
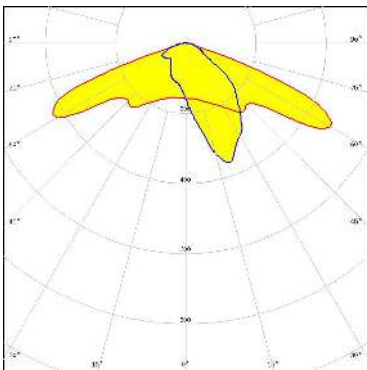
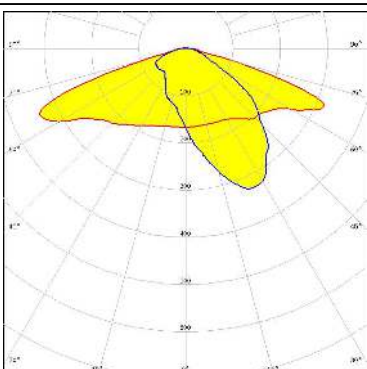
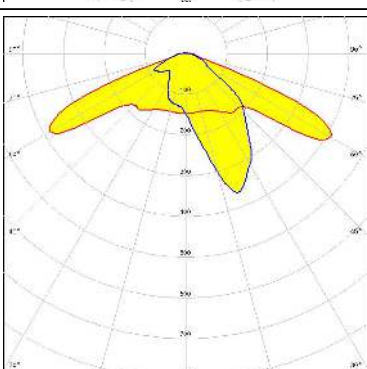


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

 <p> LED HiQLED STR28 CR JE2835 4x7 xxx FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components: </p>	
 <p> LED HiQLED STR28 CR JK3030 4x7 xxx FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: </p>	
 <p> LED QUICK FLUX STR28 XD2x14 xxx G8 FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components: </p>	
 <p> LED QUICK FLUX STR28 XP2x14 xxx G7 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: </p>	

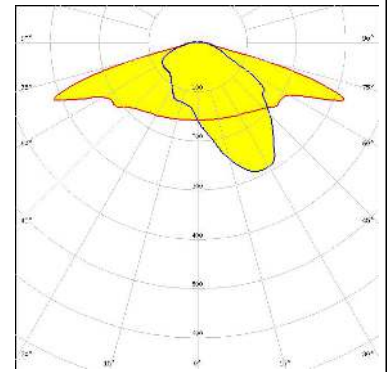
OPTICAL RESULTS (MEASURED):

<p>COMET The Professional Choice</p> <p>LED QUICK FLUX STR28 XT2x14 xxx G5 FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LED</p> <p>LED J Series 2835 FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LED</p> <p>LED J Series 3030 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LED</p> <p>LED J Series 3030 FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (MEASURED):

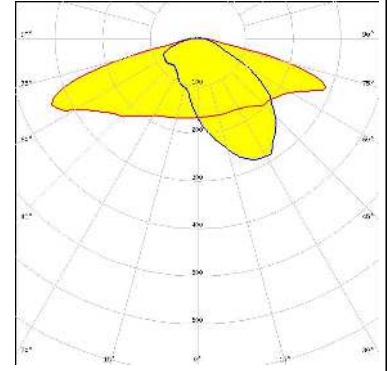
CREE LED

LED XD16
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



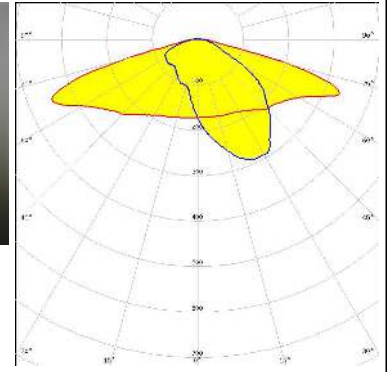
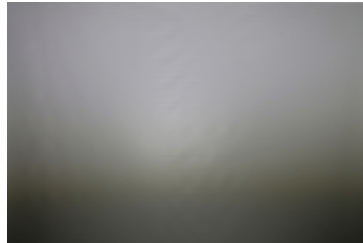
CREE LED

LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



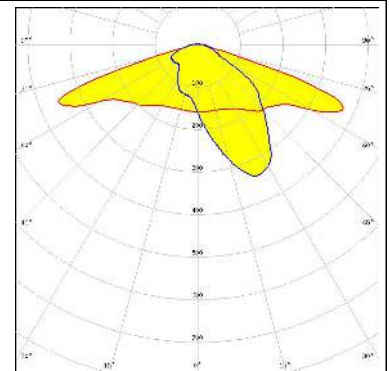
CREE LED

LED XT-E
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

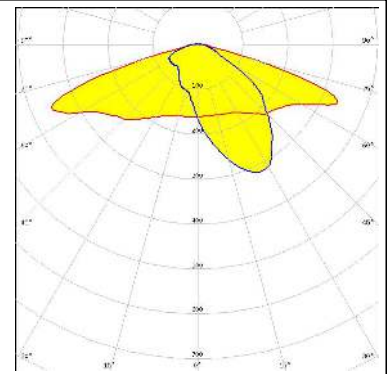
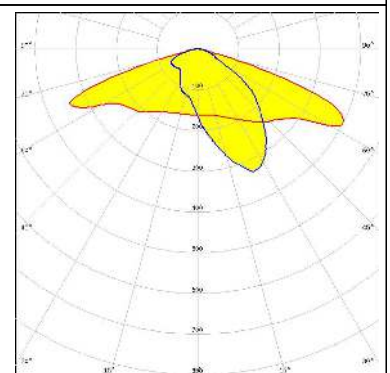
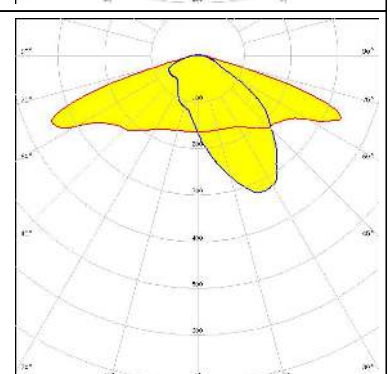
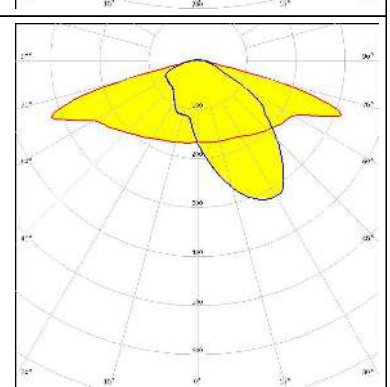


LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



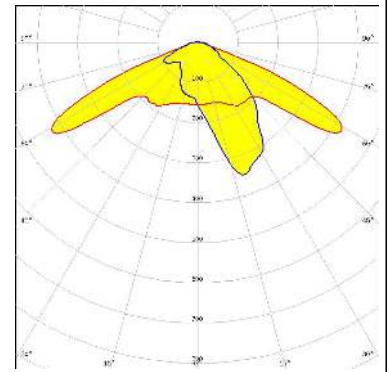
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip) FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ S 3030 (QSLR31) FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (MEASURED):

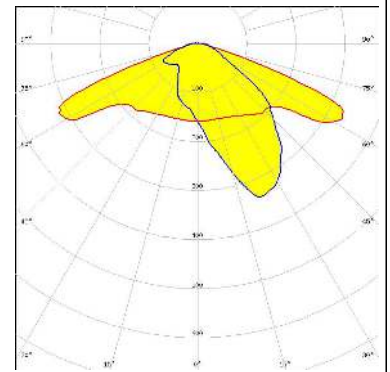
SAMSUNG

LED HiLOM SC28 (LH181B)
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 1 cd/m
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

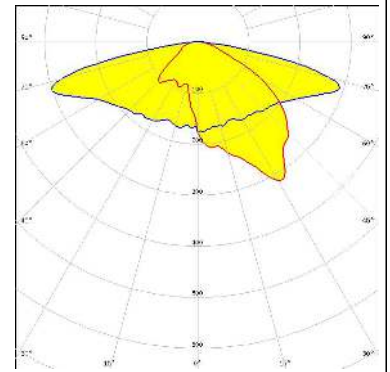
LED HiLOM SM28 (LM301B)
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.9 cd/m
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

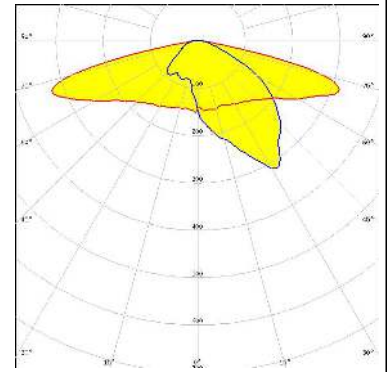
LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



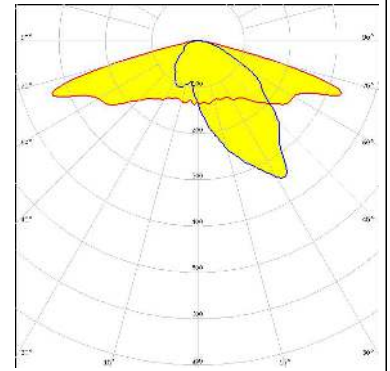
LUMILEDS

LED LUXEON V2
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



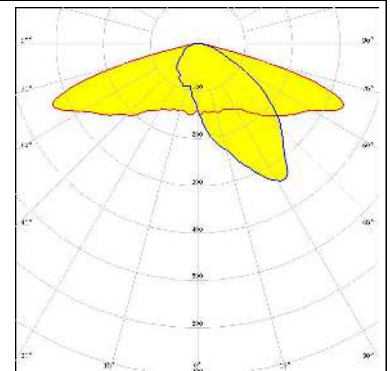
OSRAM

Opto Semiconductors
 LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

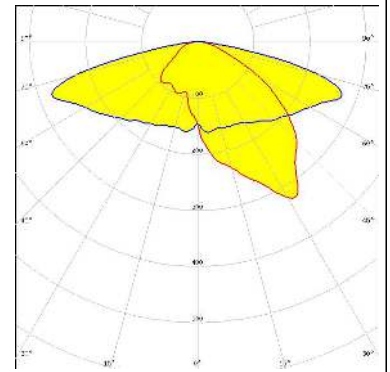
LED LH231B
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



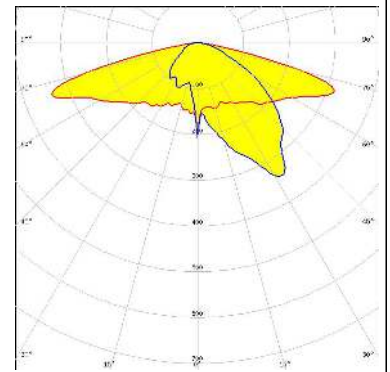
OPTICAL RESULTS (SIMULATED):

SAMSUNG

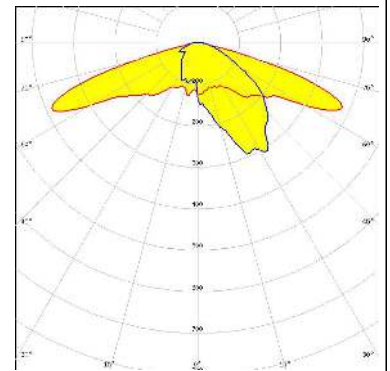
LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



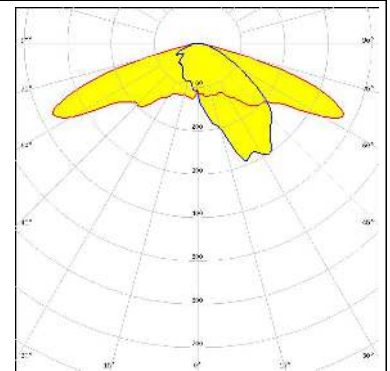
SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z8Y19
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z8Y22
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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 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)