

BARBARA-G2-W

~40° wide beam compatible with LEDiL HEKLA

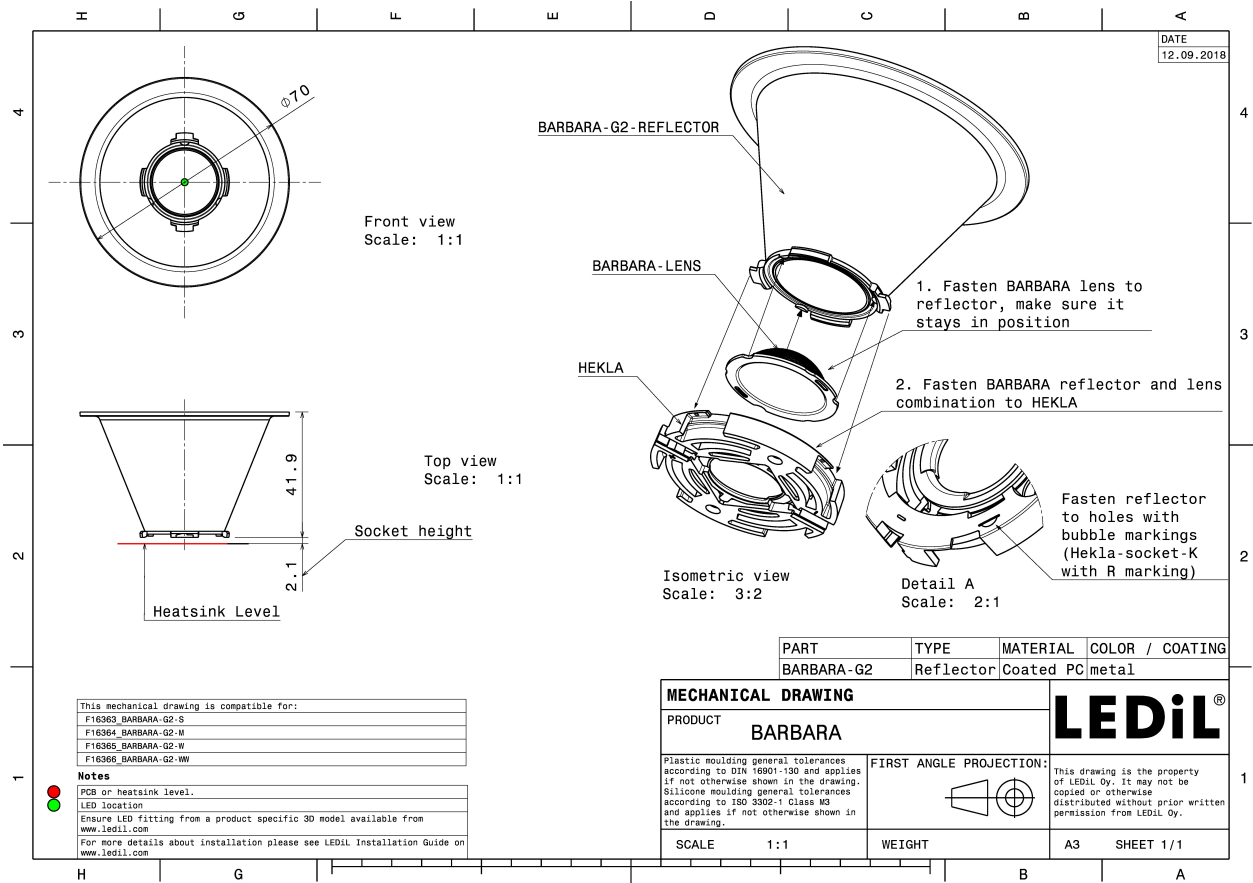
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | Ø 70.0 mm |
| Height | 41.9 mm |
| Fastening | socket |
| Colour | metal |
| Box size | 480 x 280 x 300 mm |
| Box weight | 4.8 kg |
| Quantity in Box | 252 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

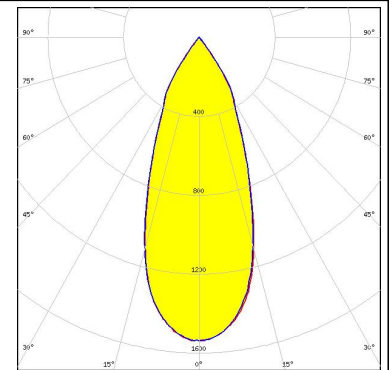
| Component | Type | Material | Colour | Coating |
|--------------|-----------|----------|--------|---------|
| BARBARA-G2-W | Reflector | PC | metal | |



PHOTOMETRIC DATA (MEASURED):

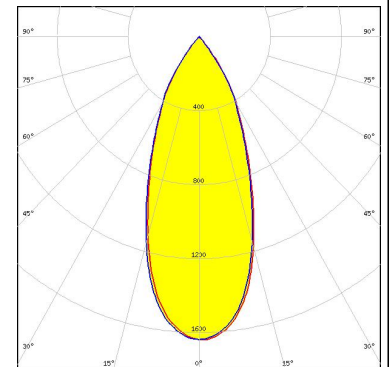
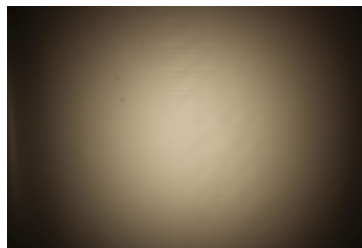


LED Vesta TW 9mm (12W)
 FWHM 40.0°
 Efficiency 82 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS



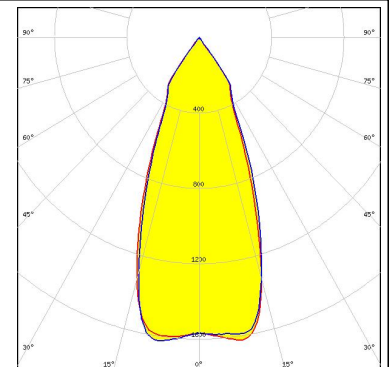
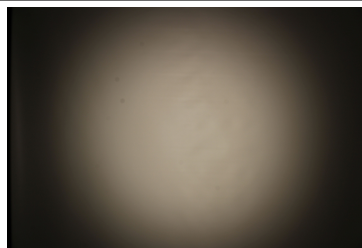
CITIZEN

LED CLL03x/CLU03x
 FWHM 41.0°
 Efficiency 88 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I

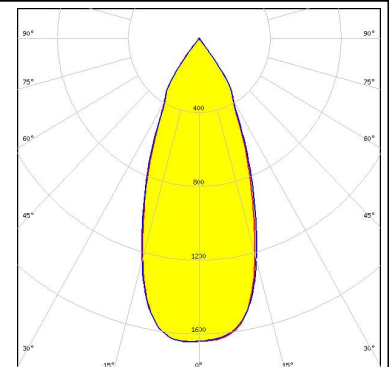
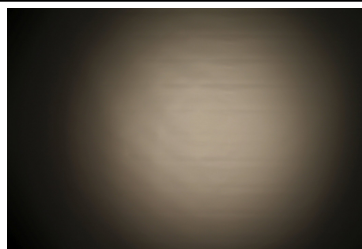


CITIZEN

LED CLU700/701
 FWHM 42.0°
 Efficiency 89 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



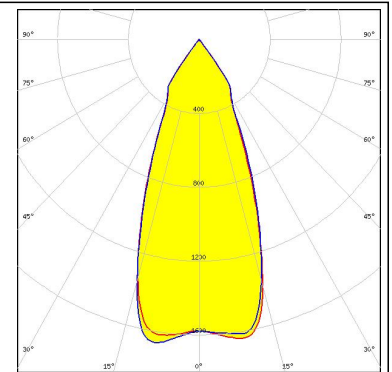
LED CMT14xx
 FWHM 42.0°
 Efficiency 91 %
 Peak intensity 1.650 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

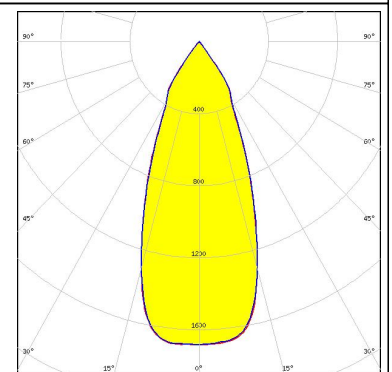
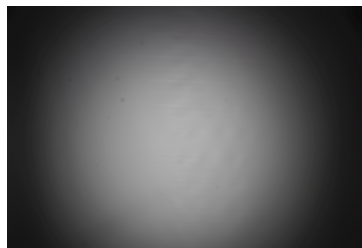
CREE

LED CXA/B 13xx
 FWHM 42.0°
 Efficiency 92 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15956_HEKLA-SOCKET-J



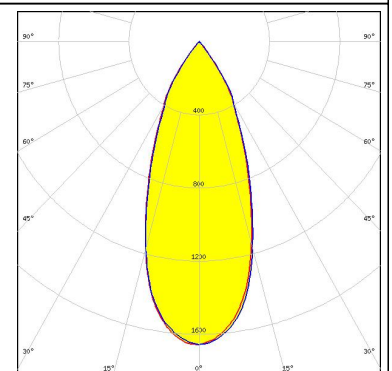
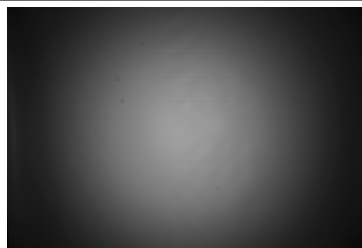
CREE

LED CXA/B 15xx
 FWHM 42.0°
 Efficiency 92 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15256_HEKLA-SOCKET-D



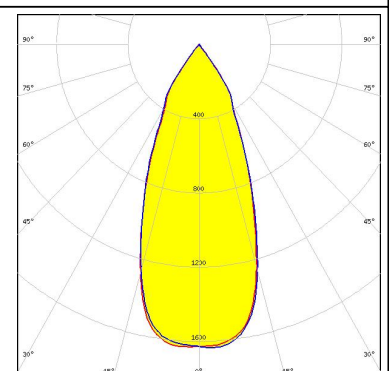
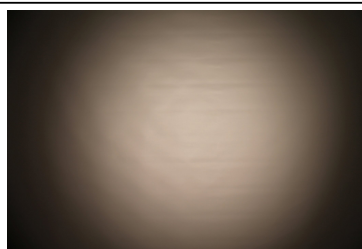
CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 41.0°
 Efficiency 89 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



PHILIPS

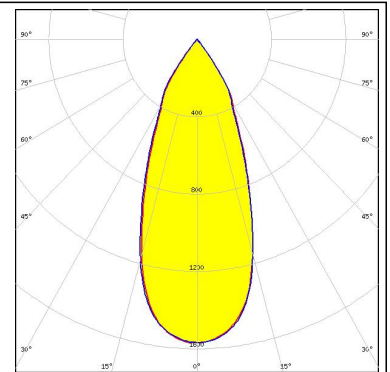
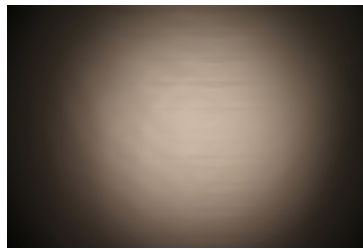
LED Fortimo SLM L09 CoB
 FWHM 42.0°
 Efficiency 91 %
 Peak intensity 1.640 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



PHOTOMETRIC DATA (MEASURED):

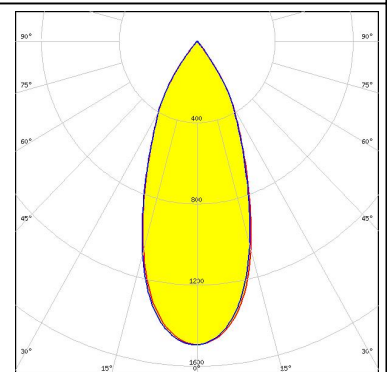
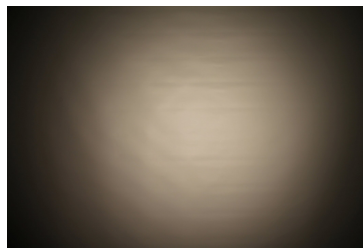
PHILIPS

LED Fortimo SLM L09 CoB
 FWHM 41.0°
 Efficiency 87 %
 Peak intensity 1.570 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H
 C14658_BARBARA-RZ-LENS



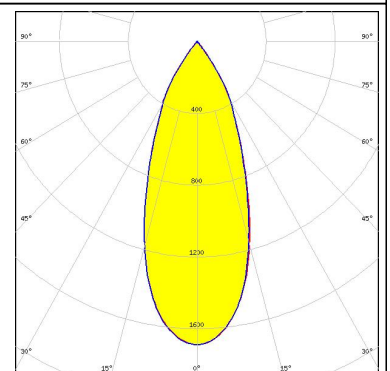
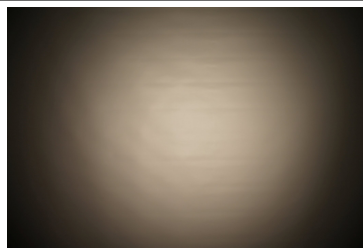
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM 41.0°
 Efficiency 83 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 432 Typ L8



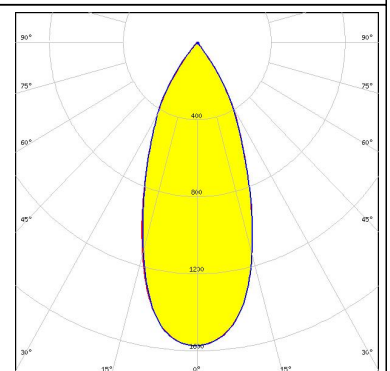
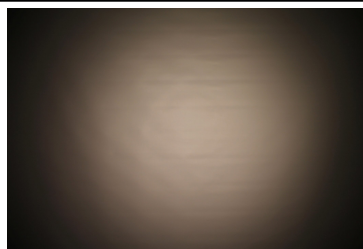
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM 40.0°
 Efficiency 88 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8



PHILIPS

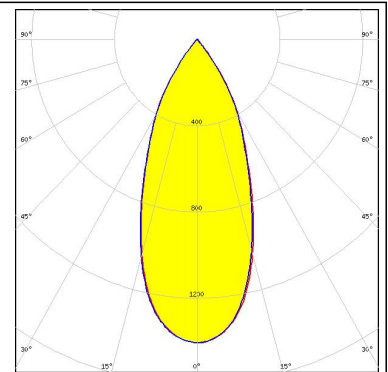
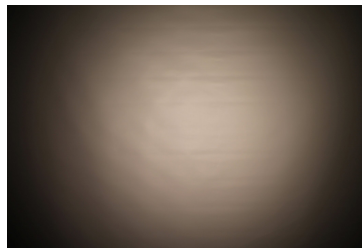
LED Fortimo SLM L15 CoB
 FWHM 42.0°
 Efficiency 88 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8



PHOTOMETRIC DATA (MEASURED):

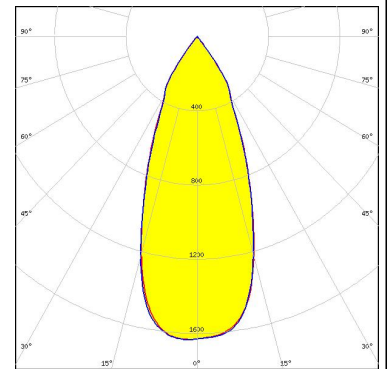
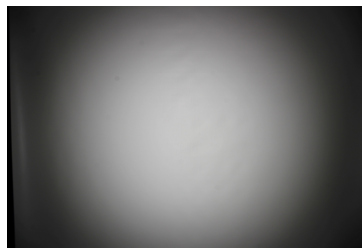
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM 43.0°
 Efficiency 82 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 432 Typ L8



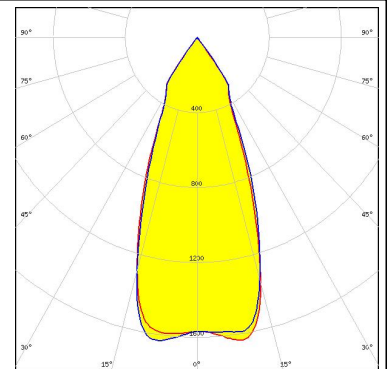
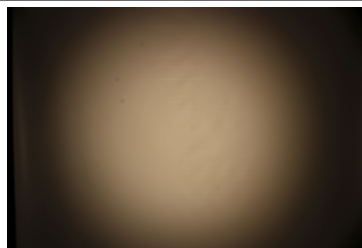
SAMSUNG

LED COB D Series LES 9.8 mm
 FWHM 41.0°
 Efficiency 89 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



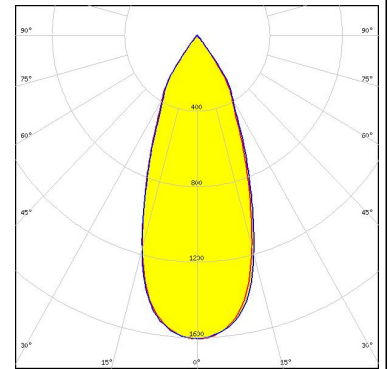
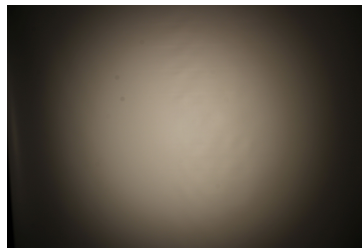
SAMSUNG

LED LC010C G2
 FWHM 42.0°
 Efficiency 89 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



TRIDONIC

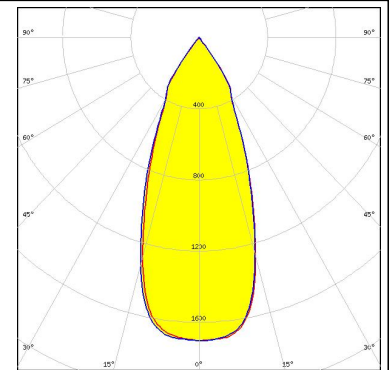
LED SLE G7 LES09
 FWHM 41.0°
 Efficiency 87 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



PHOTOMETRIC DATA (MEASURED):

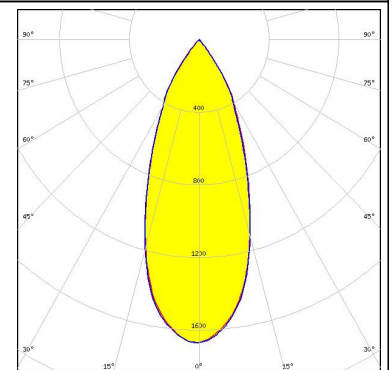
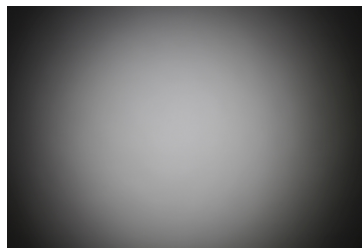
TRIDONIC

LED SLE G7 LES09
 FWHM 41.0°
 Efficiency 92 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



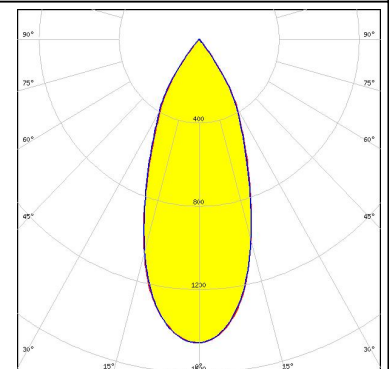
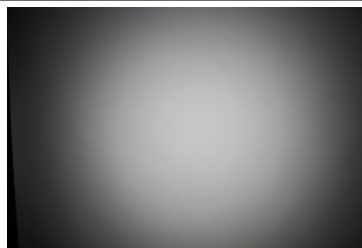
TRIDONIC

LED SLE G7 LES13
 FWHM 40.0°
 Efficiency 88 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



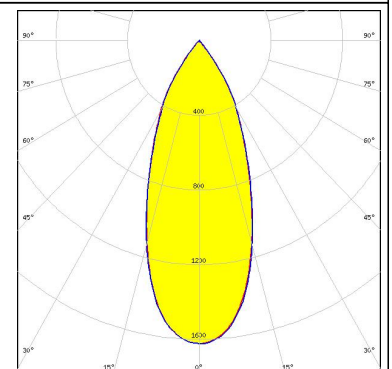
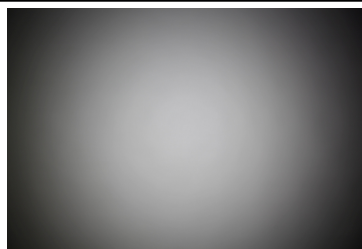
TRIDONIC

LED SLE G7 LES13
 FWHM 41.0°
 Efficiency 82 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I
 C14658_BARBARA-RZ-LENS



TRIDONIC

LED SLE G7 LES15
 FWHM 41.0°
 Efficiency 88 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-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.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

www.ledil.com/where_to_buy

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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