

AMY-110-WW-C

~60° wide beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

| | |
|----------------|------------|
| Dimensions | Ø 109.7 mm |
| Height | 23.4 mm |
| ROHS compliant | yes ⓘ |

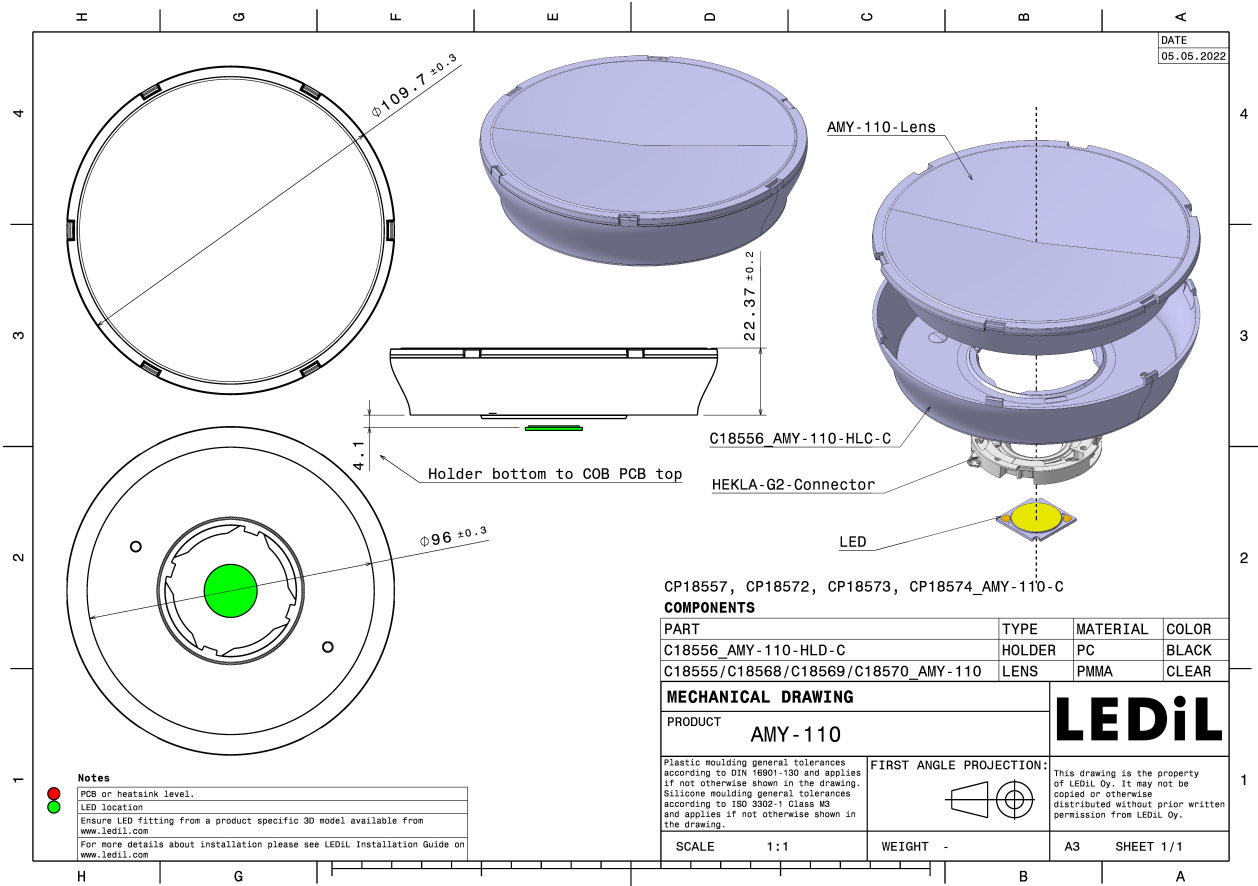


MATERIALS:

| Component | Type | Material | Colour | Finish |
|---------------|-------------|----------|--------|--------|
| AMY-110-WW | Single lens | PMMA | clear | |
| AMY-110-HLD-C | Holder C | PC | black | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------------------------------|------------|-----|-----|-----------------|
| CP18574_AMY-110-WW-C » Box size: 480 x 280 x 300 mm | 77 | 77 | 7 | 9.3 |

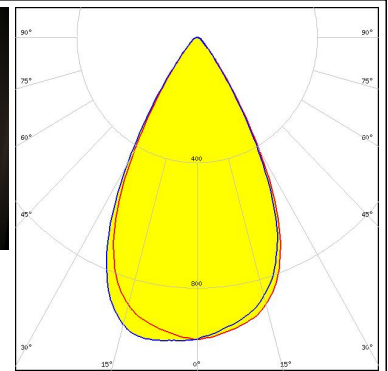
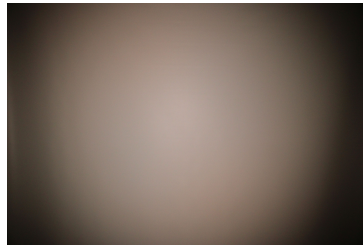


See also our general installation guide: www.ledil.com/installation_guide

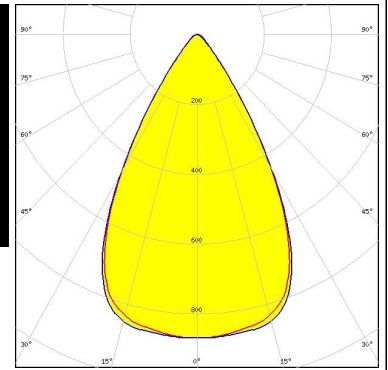
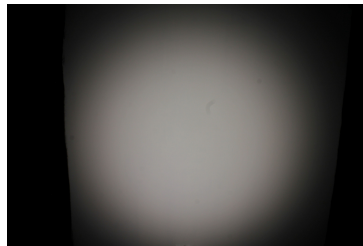
OPTICAL RESULTS (MEASURED):




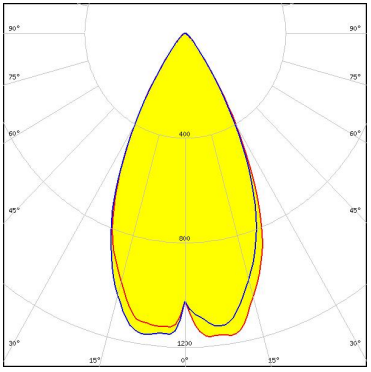

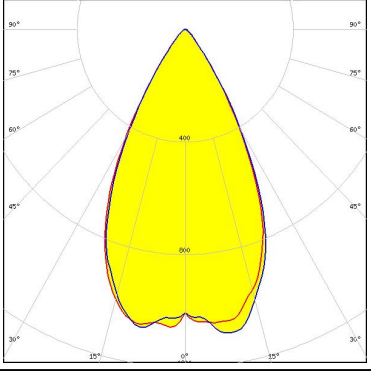

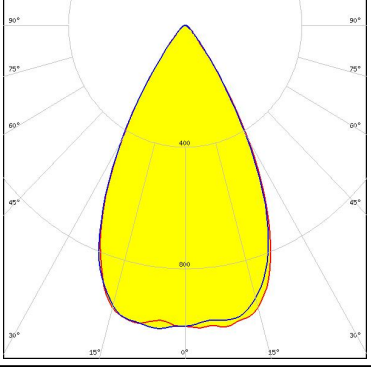

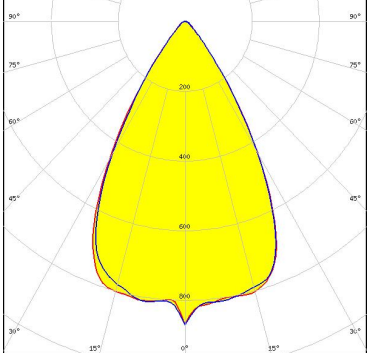
LED CTM-14 (Tunable White) Gen2
FWHM / FWTM 57.0° / 81.0°
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 442 Typ L8




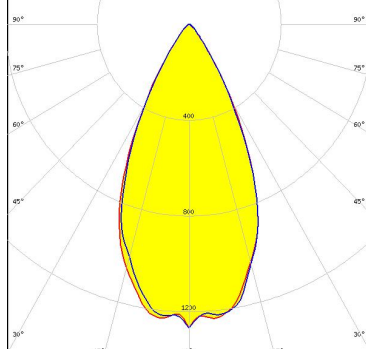

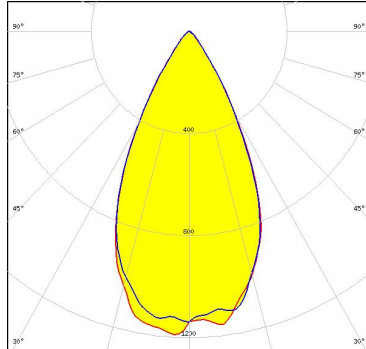

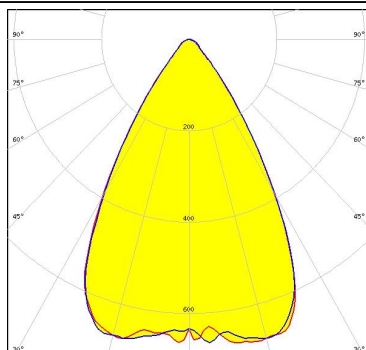

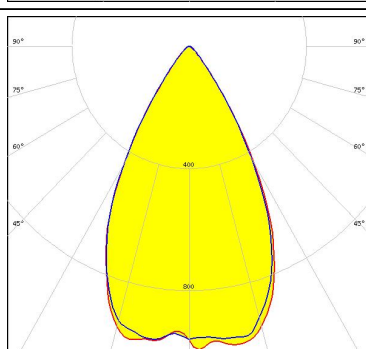
LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 60.0° / 84.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I




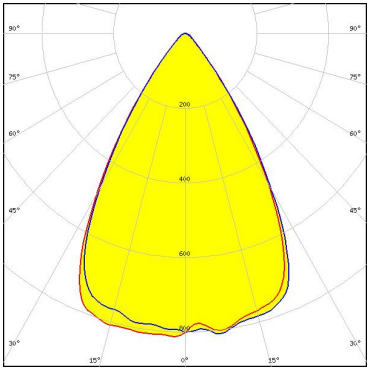

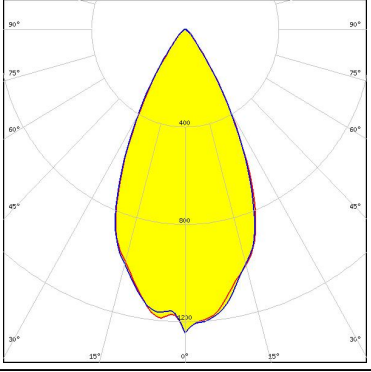

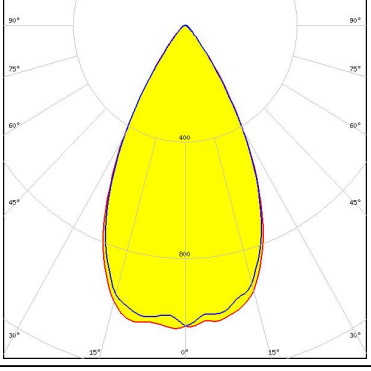

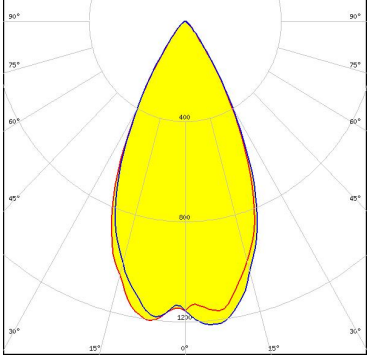
OPTICAL RESULTS (SIMULATED):

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <p></p> <p>LED V10 Gen 8</p> <p>FWHM / FWTM 53.0 + 52.0° / 78.0 + 77.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p> |  |
| <p></p> <p>LED V11 HD Gen 8</p> <p>FWHM / FWTM 55.0 + 54.0° / 78.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p> |  |
| <p></p> <p>LED V13 Gen 8</p> <p>FWHM / FWTM 57.0° / 80.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p> |  |
| <p></p> <p>LED V18 Gen 8</p> <p>FWHM / FWTM 60.0° / 84.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 462 Typ L8</p> |  |


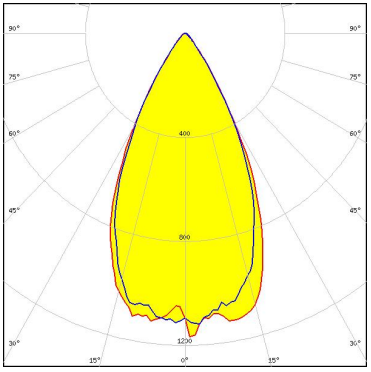

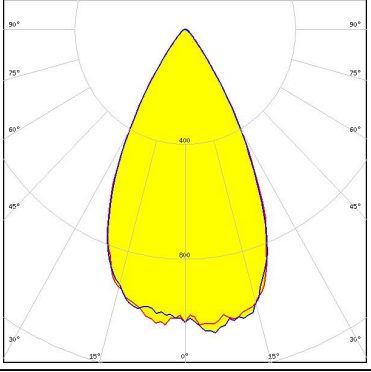

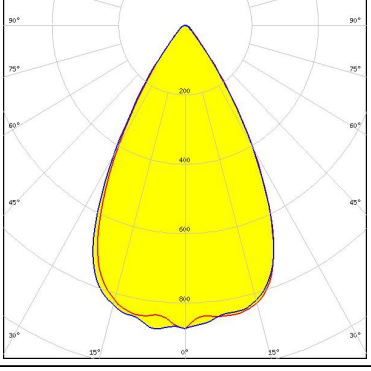

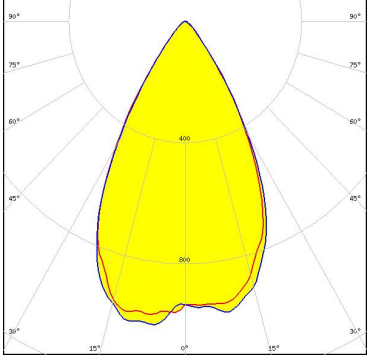
OPTICAL RESULTS (SIMULATED):

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <p> LED V8 Gen 8</p> <p>FWHM / FWTM 50.0° / 76.0 + 74.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p> |  |
| <p> LED V9 HD Gen 8</p> <p>FWHM / FWTM 52.0 + 53.0° / 76.0 + 77.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p> |  |
| <p> LED Vero SE 29</p> <p>FWHM / FWTM 62.0° / 88.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p> LED VERO13</p> <p>FWHM / FWTM 58.0° / 82.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p> |  |

OPTICAL RESULTS (SIMULATED):

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <p></p> <p>LED: VERO18</p> <p>FWHM / FWTM: 63.0 + 64.0° / 86.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p> |  |
| <p></p> <p>LED: Vesta DTW 13mm (21W)</p> <p>FWHM / FWTM: 51.0 + 50.0° / 76.0°</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 1.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p> |  |
| <p></p> <p>LED: Vesta DTW 15mm (33W)</p> <p>FWHM / FWTM: 56.0° / 80.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p> |  |
| <p></p> <p>LED: Vesta DTW 9mm (4W/6W/12W)</p> <p>FWHM / FWTM: 51.0° / 76.0°</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 1.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components: Bender Wirth: 652b Hekla</p> |  |

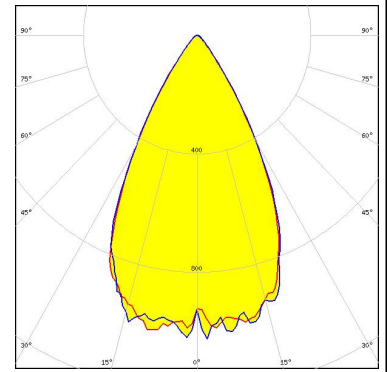
OPTICAL RESULTS (SIMULATED):

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <p></p> <p>LED Vesta TW 13mm (18W) DP FWHM / FWTM 53.0 + 52.0° / 76.0 + 77.0° Efficiency 87 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 492 Typ L8</p> |  |
| <p></p> <p>LED Vesta TW 15mm DP FWHM / FWTM 56.0 + 54.0° / 78.0° Efficiency 87 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 482 Typ L8</p> |  |
| <p></p> <p>LED Vesta TW 18mm (31W) DP FWHM / FWTM 59.0° / 82.0° Efficiency 82 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 462 Typ L8</p> |  |
| <p></p> <p>LED Vesta TW 9mm (9W) DP FWHM / FWTM 58.0 + 57.0° / 82.0° Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 489 Typ L8</p> |  |

OPTICAL RESULTS (SIMULATED):

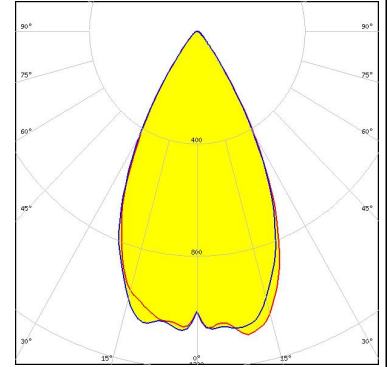
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 56.0° / 80.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



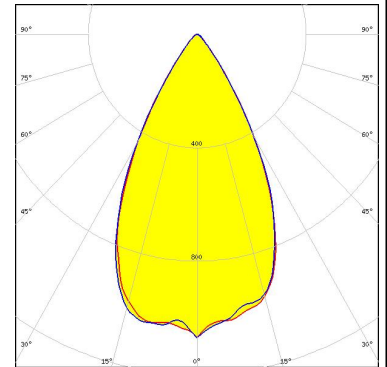
LUMILEDS

LED LUXEON CoB 1204/1205
 FWHM / FWTM 55.0 + 56.0° / 78.0°
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



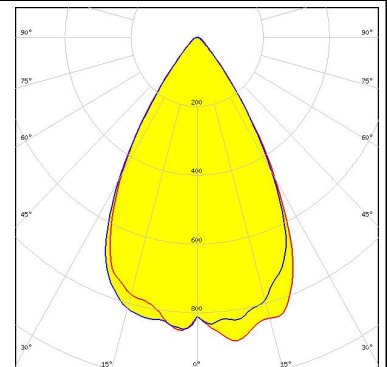
LUMILEDS

LED LUXEON CoB 1208
 FWHM / FWTM 56.0° / 79.0 + 80.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



LUMILEDS

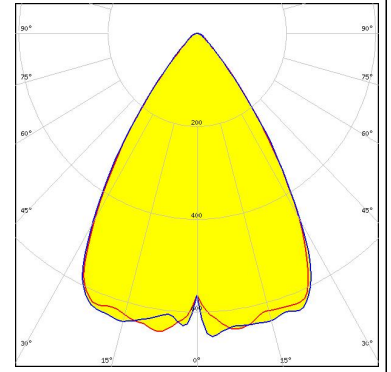
LED LUXEON CoB 1211
 FWHM / FWTM 61.0 + 62.0° / 85.0 + 86.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 631b Hekla XL



OPTICAL RESULTS (SIMULATED):



| | |
|----------------------|-----------------------------|
| LED | LUXEON CoB 1213/1216/1812 |
| FWHM / FWTM | 68.0° / 91.0 + 92.0° |
| Efficiency | 79 % |
| Peak intensity | 0.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
| | Bender Wirth: 631b Hekla XL |



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

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/
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