

PRODUCT DATASHEET WINNIE-M

WINNIE-M

~35° medium beam. Holder with 35 mm screw hole distance according to Zhaga standard. Compatible with Bender+Wirth 4xx Typ L5 connector.

SPECIFICATION:

| Dimensions | Ø 49.8 |
|----------------|---------|
| Height | 19.3 mm |
| Fastening | screw |
| ROHS compliant | yes 🛈 |



MATERIALS:

| Component | Туре | Material | Colour | Finish | Length (mm) |
|----------------------|-------------|----------|--------|--------|-------------|
| C14233_WINNIE-M | Single lens | PMMA | clear | | |
| C14235_WINNIE-HOLDER | Holder | PC | white | | |

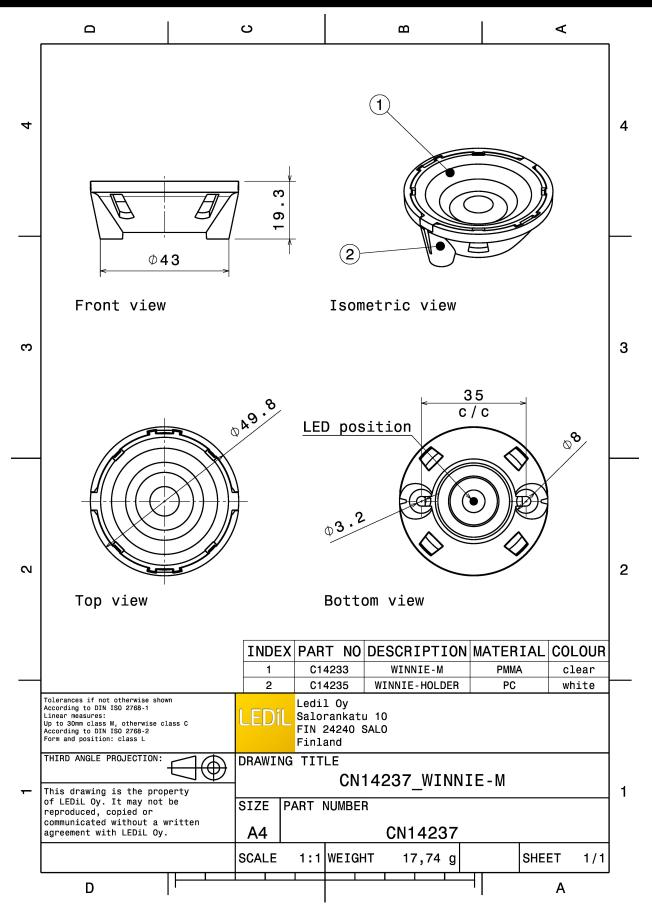
ORDERING INFORMATION:

Quantities for one set:Single lens1Holder1



| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|-------------|------------|-----|-----|-----------------|
| C14233_WINNIE-M » Box size: 480 x 280 x 300 mm | Single lens | 364 | 84 | 28 | 6.5 |
| C14235_WINNIE-HOLDER » Box size: 480 x 280 x 300 mm | Holder | 1820 | 84 | 28 | 7.2 |

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

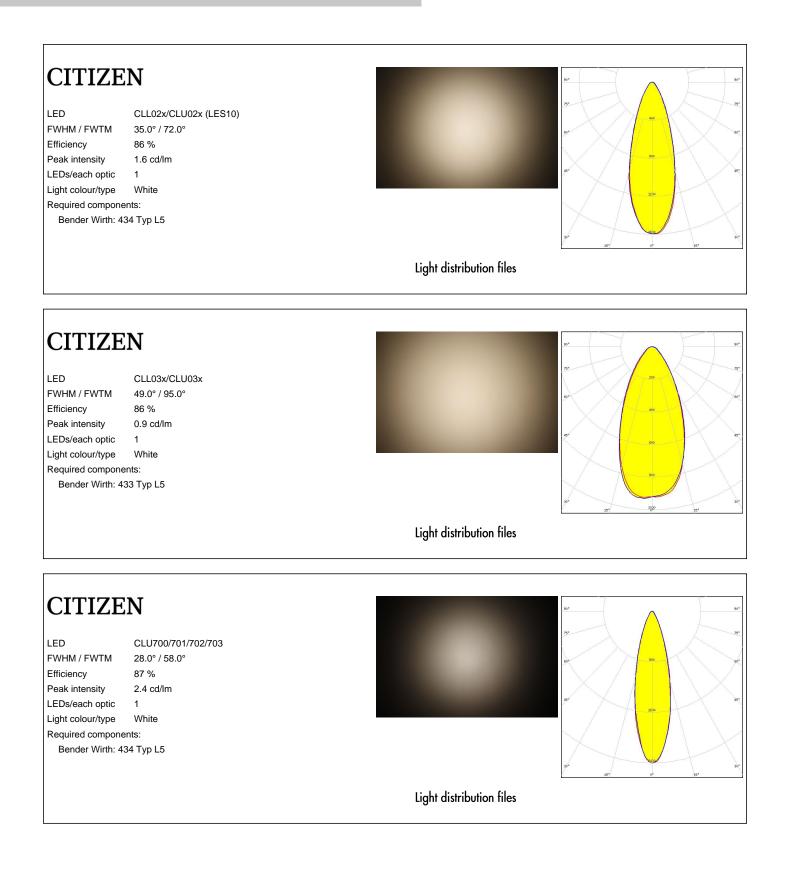


| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | V18 Gen6 58.0° / 113.0° 88 % 0.7 cd/lm 1 White nts: | | Light distribution files | |
|--|---|--|--------------------------|--|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | V6 Gen6 27.0° / 58.0° 86 % 2.4 cd/lm 1 White nts: | | Light distribution files | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | V8 Gen6 31.0° / 70.0° 85 % 1.8 cd/lm 1 White nts: | | Light distribution files | |

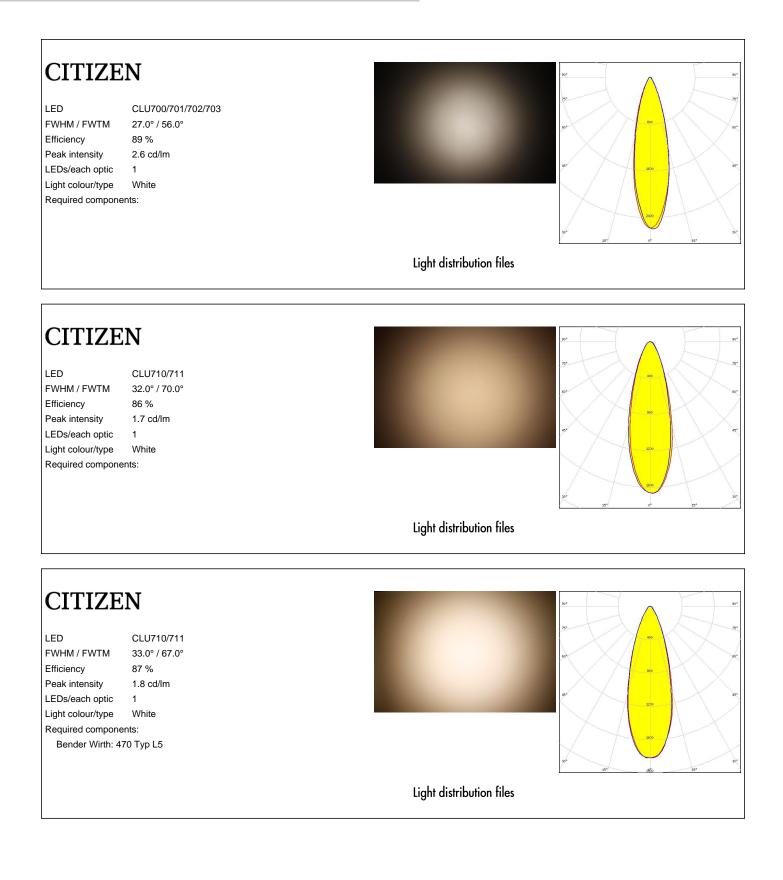


| bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | VERO10 36.0° / 74.0° 89 % 1.6 cd/lm 1 White ents: | Light distribution files |
|--|---|--------------------------|
| CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | CLL01x 27.0° / 60.0° 85 % 2.4 cd/lm 1 White | |
| | | Light distribution files |
| CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | CLL02x/CLU02x (LES10) 35.0° / 72.0° 87 % 2.3 cd/lm 1 White | |
| | | Light distribution files |

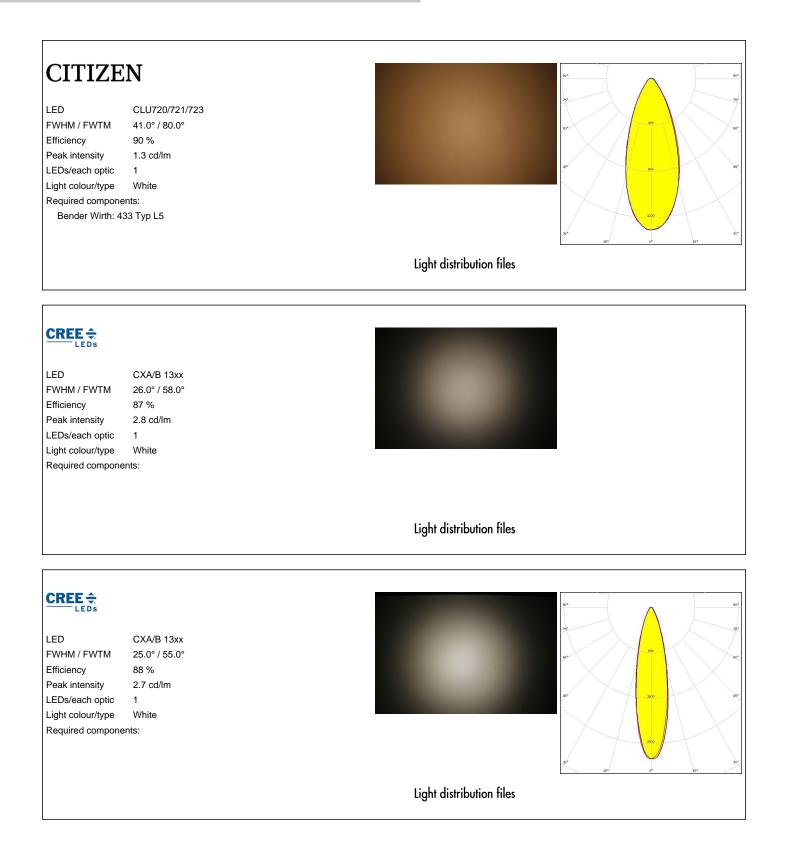




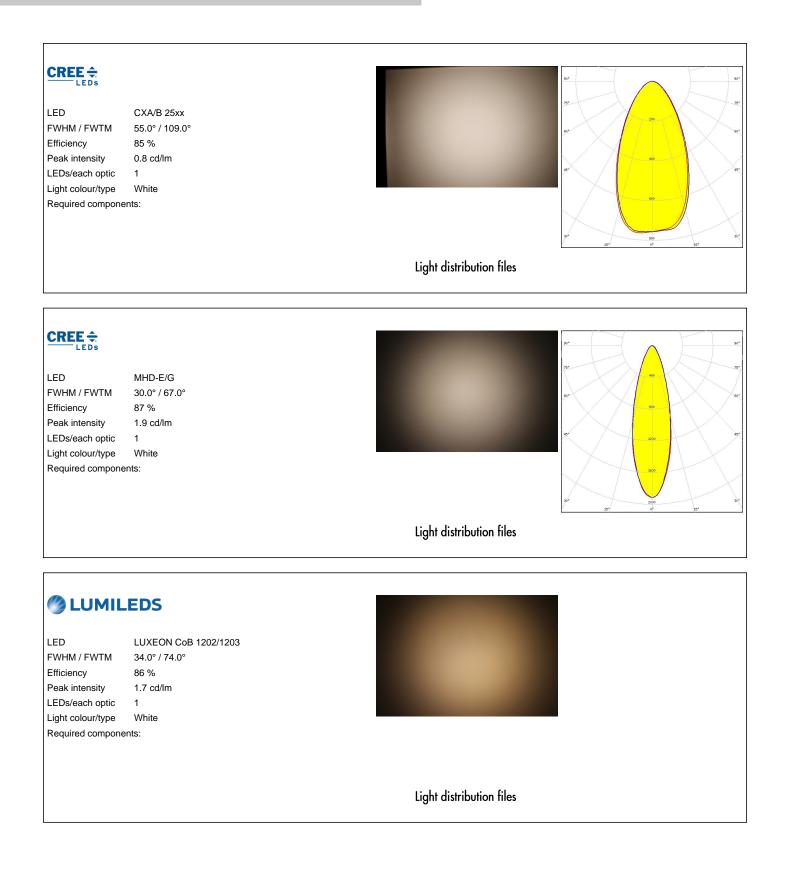












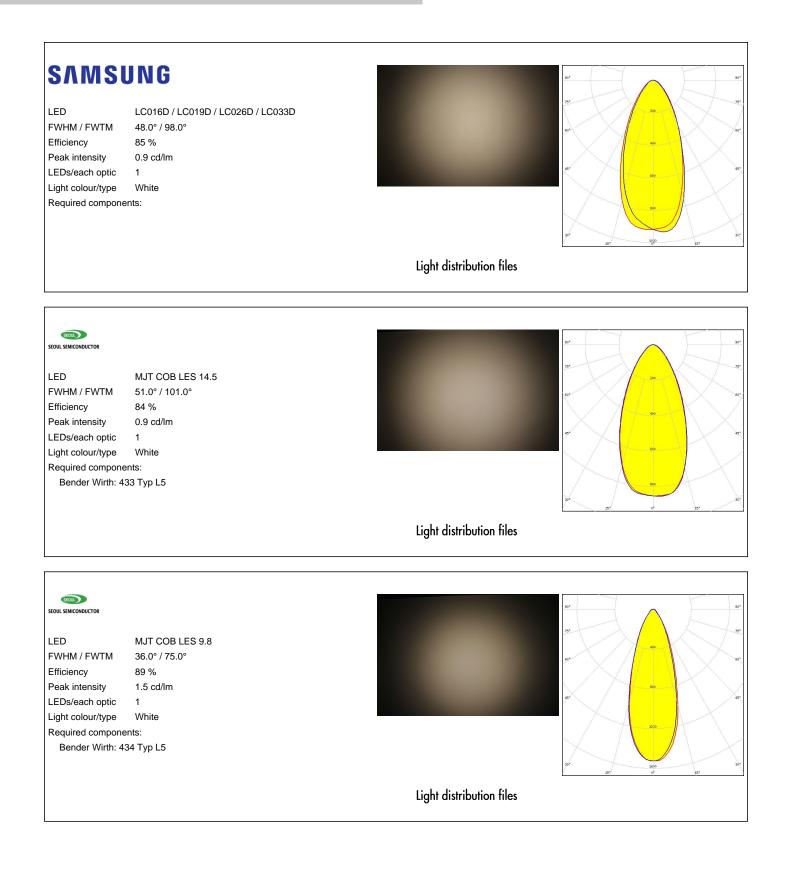


LUMILEDS LUXEON CoB 1202s LED 27.0° / 60.0° FWHM / FWTM Efficiency 86 % Peak intensity 2.5 cd/lm LEDs/each optic 1 White Light colour/type Required components: Light distribution files LED CxM-14 (19x19) FWHM / FWTM 45.0° / 94.0° Efficiency 85 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files ELUMINUS LED CxM-9 (13.5x13.5) FWHM / FWTM 36.0° / 76.0° Efficiency 87 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

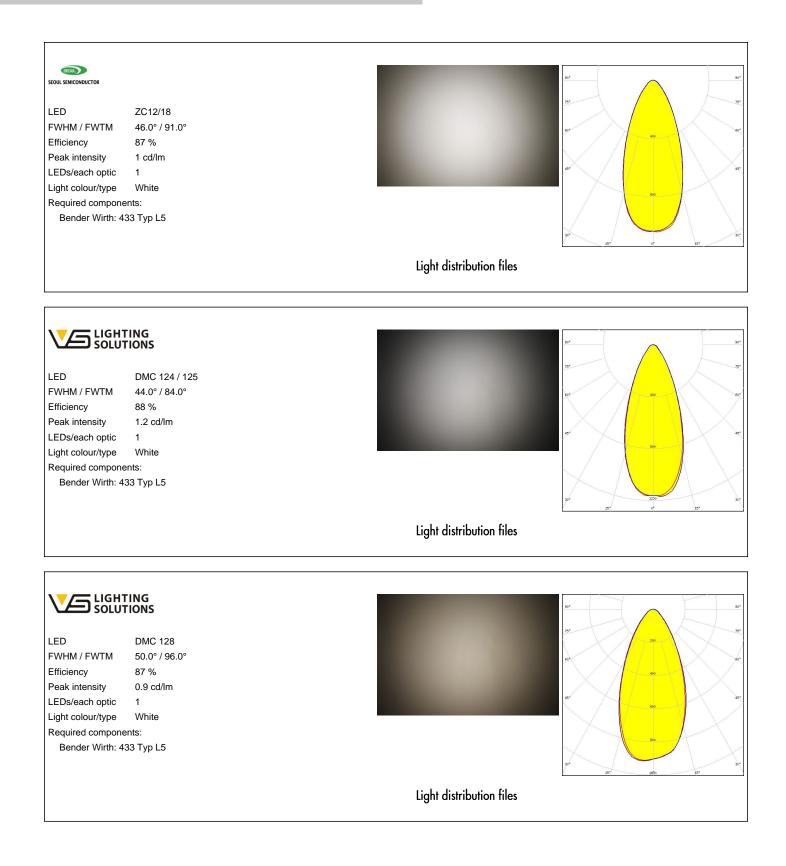


| OSRAM opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | Duris S10 24.0° / 58.0° 88 % 3.1 cd/lm 1 White ents: | |
|--|---|--------------------------|
| | | Light distribution files |
| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | Soleriq S13 41.0° / 88.0° 85 % 1.2 cd/lm 1 White ents: | |
| | | Light distribution files |
| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone | Soleriq S19 55.0° / 104.0° 83 % 0.8 cd/lm 1 White ents: | |
| | | Light distribution files |











CITIZEN CLL02x/CLU02x (LES10) LED 35.0° / 72.0° FWHM / FWTM 92 % Efficiency Peak intensity 1.8 cd/lm LEDs/each optic 1 White Light colour/type Required components: Light distribution files I FD CXA/B 15xx FWHM / FWTM 33.0° / 68.0° 93 % Efficiency 2 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON CoB 1202/1203 LED FWHM / FWTM 34.0° / 69.0° Efficiency 89 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Bender Wirth: 441 Typ L5 Light distribution files



UMILEDS

LEDLLFWHM / FWTM27Efficiency86Peak intensity2.5LEDs/each optic1Light colour/typeWRequired components:1

LUXEON CoB Compact 27.0° / 60.0° 86 % 2.5 cd/lm 1 White

Light distribution files

| LED | CxM-14 (19x19) | | |
|--|---|--------------------------|--|
| FWHM / FWTM | 49.0° / 95.0° | | |
| Efficiency | 86 % | | |
| Peak intensity | 0.9 cd/lm | | |
| LEDs/each optic | 1 | | |
| Light colour/type | White | | |
| Required component | s: | | |
| Bender Wirth: 433 | : Typ L5 | | |
| | | Light distribution files | |
| ELUMII | NUS | Light distribution files | |
| | NUS CxM-9 (13.5x13.5) | Light distribution files | |
| LED | | Light distribution files | |
| LED FWHM / FWTM | CxM-9 (13.5x13.5) | Light distribution files | |
| LED FWHM / FWTM Efficiency Peak intensity | CxM-9 (13.5x13.5) 35.0° / 72.0° | Light distribution files | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | CxM-9 (13.5x13.5) 35.0° / 72.0° 86 % 1.6 cd/lm 1 | Light distribution files | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type | CxM-9 (13.5x13.5) 35.0° / 72.0° 86 % 1.6 cd/lm 1 White | Light distribution files | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required component | CxM-9 (13.5x13.5) 35.0° / 72.0° 86 % 1.6 cd/lm 1 White | Light distribution files | |



ΜΝΙCΗΙΛ I FD COB S-Type (LES 6) FWHM / FWTM 25.0° / 53.0° Efficiency 92 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore I FD Soleriq S9 32.0° / 71.0° FWHM / FWTM Efficiency 90 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LC003D / LC006D / LC009D / LC013D FWHM / FWTM 36.0° / 74.0° Efficiency 92 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



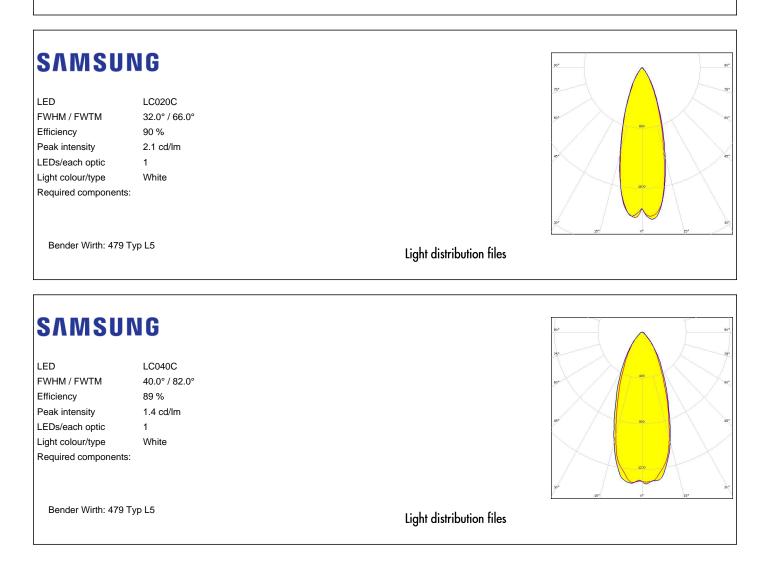
SAMSUNG

| LED | LC010C |
|----------------------|---------------|
| FWHM / FWTM | 27.0° / 56.0° |
| Efficiency | 92 % |
| Peak intensity | 3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Bender Wirth: 479 Typ L5

90⁴ 75⁴ 90⁴ 90⁴ 90⁴ 90⁵ 90⁶ 90⁶ 90⁶ 90⁷ 90⁷9

Light distribution files







| SEOUL | |
|---------------------|---------------|
| SEOUL SEMICONDUCTOR | |
| LED | ZC4/6 |
| FWHM / FWTM | 35.0° / 72.0° |
| Efficiency | 86 % |
| Peak intensity | 1.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required component | s: |
| | |
| | |
| Bender Wirth: 434 | Typ L5 |
| | |
| | |



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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