

PRODUCT DATASHEET CA16755_IRIE-A

IRIE-A

 ${\sim}120^\circ$ x 90° rectangle beam for 4:3 aspect ratio cameras. Assembly with tape.

SPECIFICATION:

| Dimensions | 14.0 x 14.0 mm |
|----------------|----------------|
| Height | 5.1 mm |
| Fastening | tape, pin |
| ROHS compliant | yes 🛈 |



MATERIALS:

| Component | |
|-----------------------|--|
| IRIE-A | |
| VERONICA-SQ-MINI-TAPE | |

| Туре | |
|-------------|--|
| Single lens | |
| Таре | |

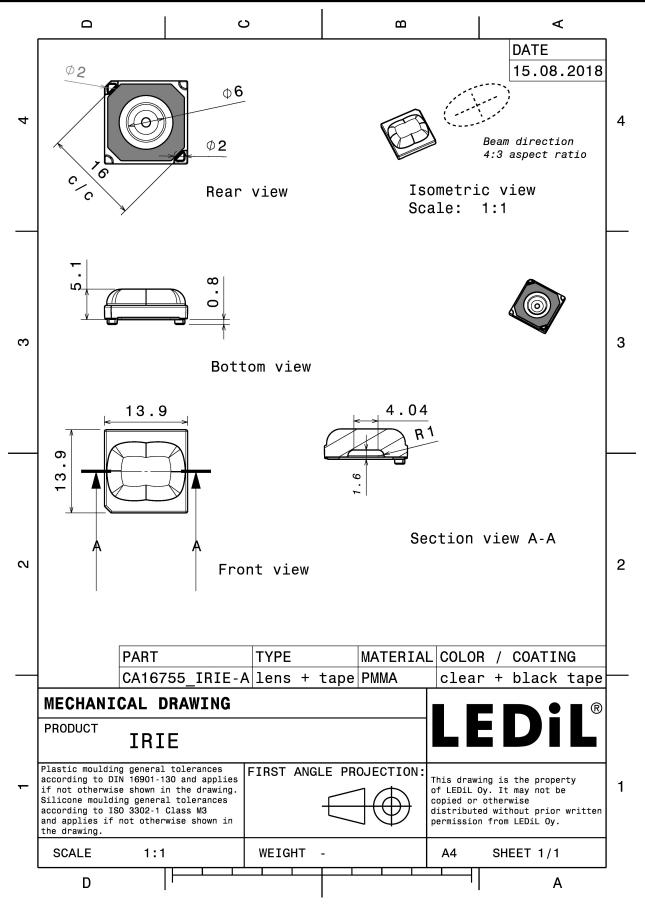
| Colour | Finish |
|--------|--------|
| clear | |
| clear | |
| | clear |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA16755_IRIE-A | Single lens | 5544 | 252 | 252 | 5.5 |
| » Box size: 480 x 280 x 300 mm | | | | | |



PRODUCT DATASHEET CA16755_IRIE-A



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



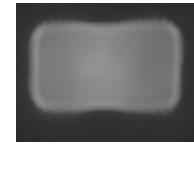
OPTICAL RESULTS (MEASURED):

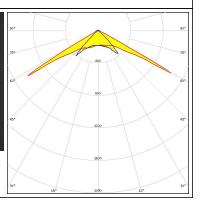
UMILEDS

| LED | LUXEON IR 2720 | | |
|----------------------|----------------|--|--|
| FWHM / FWTM | Asymmetric | | |
| Efficiency | % | | |
| LEDs/each optic | 1 | | |
| Light colour IR | | | |
| Required components: | | | |

UMILEDS

- LEDLLFWHM / FWTMAsEfficiency94Peak intensity1.5LEDs/each optic1Light colourWRequired components:
- EDS LUXEON Z Asymmetric 94 % 1.5 cd/lm 1 White tts:







OPTICAL RESULTS (SIMULATED):

| | - | | |
|--|---|-----------------------|---|
| ED ED EVENT ED EVENT EFFICIENCY EFFICIENCY EVENT FOR EVENT E | LUXEON IR 2720 Asymmetric 92 % 1 IR | Polar intensity graph | 91, 12, 0, 12, 94, 12, 94, 12, 94, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12 |
| | S | | 8* |
| LED | LUXEON IR Compact | | 75° 75° |
| FWHM / FWTM | Asymmetric | | |
| Efficiency | 93 % | | 50° 400 60°. |
| LEDs/each optic | 1 | | |
| Light colour | White | | 45° 000 45° |
| Required components: | | | 00 1000 20* 10* 12* 20* |
| OSRAM Opto Semiconductors | | | 90° - 90° |
| LED | SFH 4770S | | 73° tomatter search 75° |
| FWHM / FWTM | Asymmetric | | 40 |
| Efficiency | 93 % | | 60° |
| LEDs/each optic | 1 | | 660 |
| Light colour | White | | 45* 900 45* |
| Required components: | | | 20° 10° 10° 20° 20° |



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

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy