

## IRENE-IR-16

~15° + 15° rectangular beam

### TECHNICAL SPECIFICATIONS:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 21.6 mm |
| Height         | 14.3 mm   |
| Fastening      | pin       |
| ROHS compliant | yes ⓘ     |

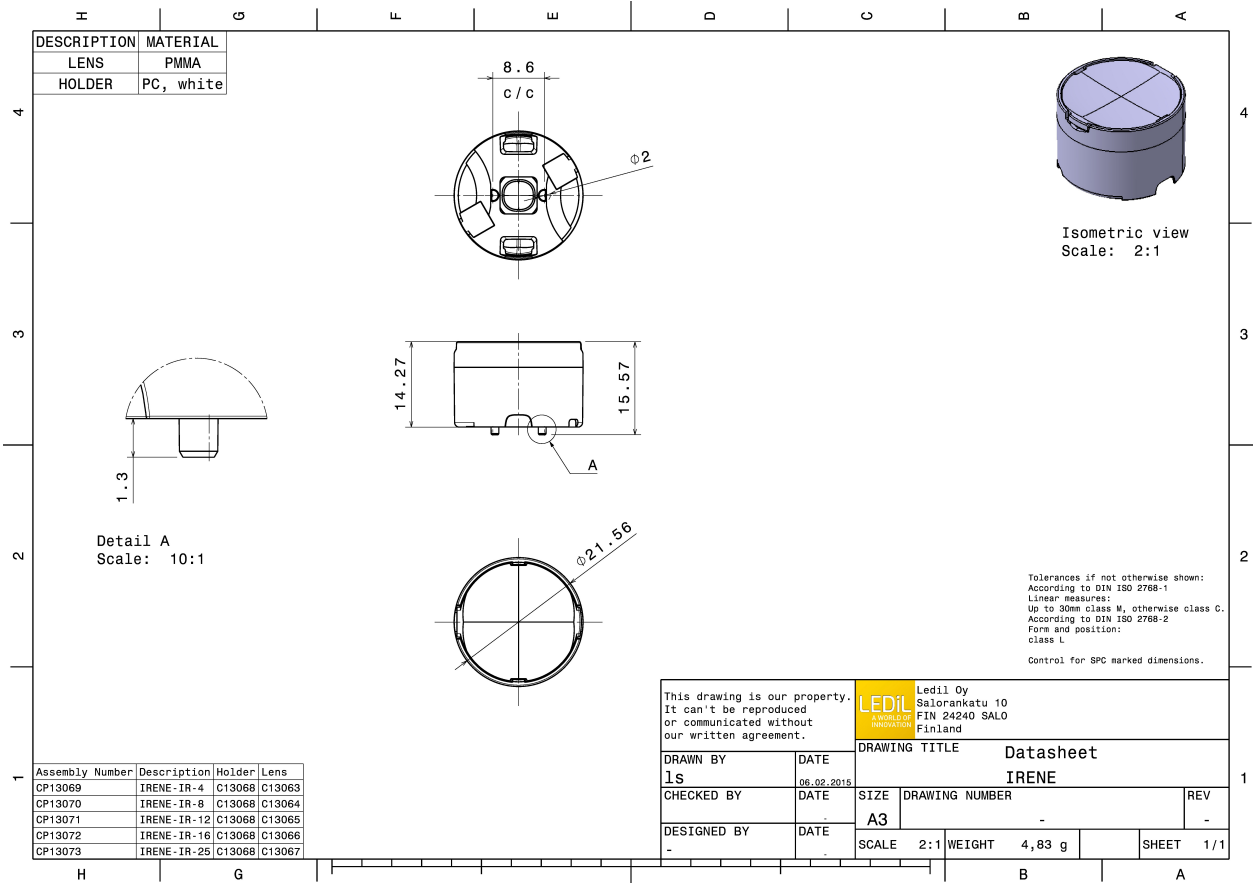
### MATERIAL SPECIFICATIONS:

| Component | Type       | Material | Colour | Finish |
|-----------|------------|----------|--------|--------|
| IRENE-16  | Multi-lens | PMMA     | clear  |        |
| IRENE-HLD | Holder     | PC       | white  |        |



### ORDERING INFORMATION:

| Component   | Type       | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|------------|-----|-----|-----------------|
| CP13072_IRENE-IR-16<br>» Box size: 480 x 280 x 300 mm | Multi-lens | 1792       |     | 112 | 10.1            |



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

|                      |           |
|----------------------|-----------|
| LED                  | SFH 4725S |
| FWHM                 | 17.0°     |
| Efficiency           | %         |
| LEDs/each optic      | 1         |
| Light colour         | White     |
| Required components: |           |

### PHOTOMETRIC DATA (SIMULATED):

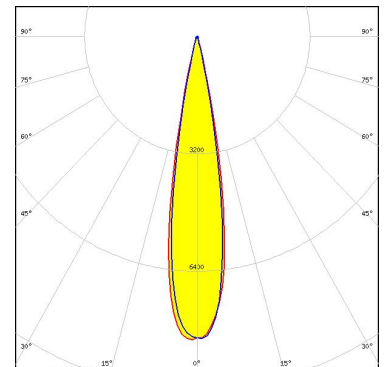


LED LUXEON IR Compact  
FWHM 24.0 + 22.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour White  
Required components:



Osram Semiconductors

LED SFH 4715S  
FWHM 20.0 + 19.0°  
Efficiency 97 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Osram Semiconductors

LED SFH 4770S  
FWHM 16.0°  
Efficiency 94 %  
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.

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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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## Данный компонент на территории Российской Федерации

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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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