

IRIS-IR

~10° infrared spot beam with holder

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.6 mm
Fastening	glue
ROHS compliant	yes ⓘ

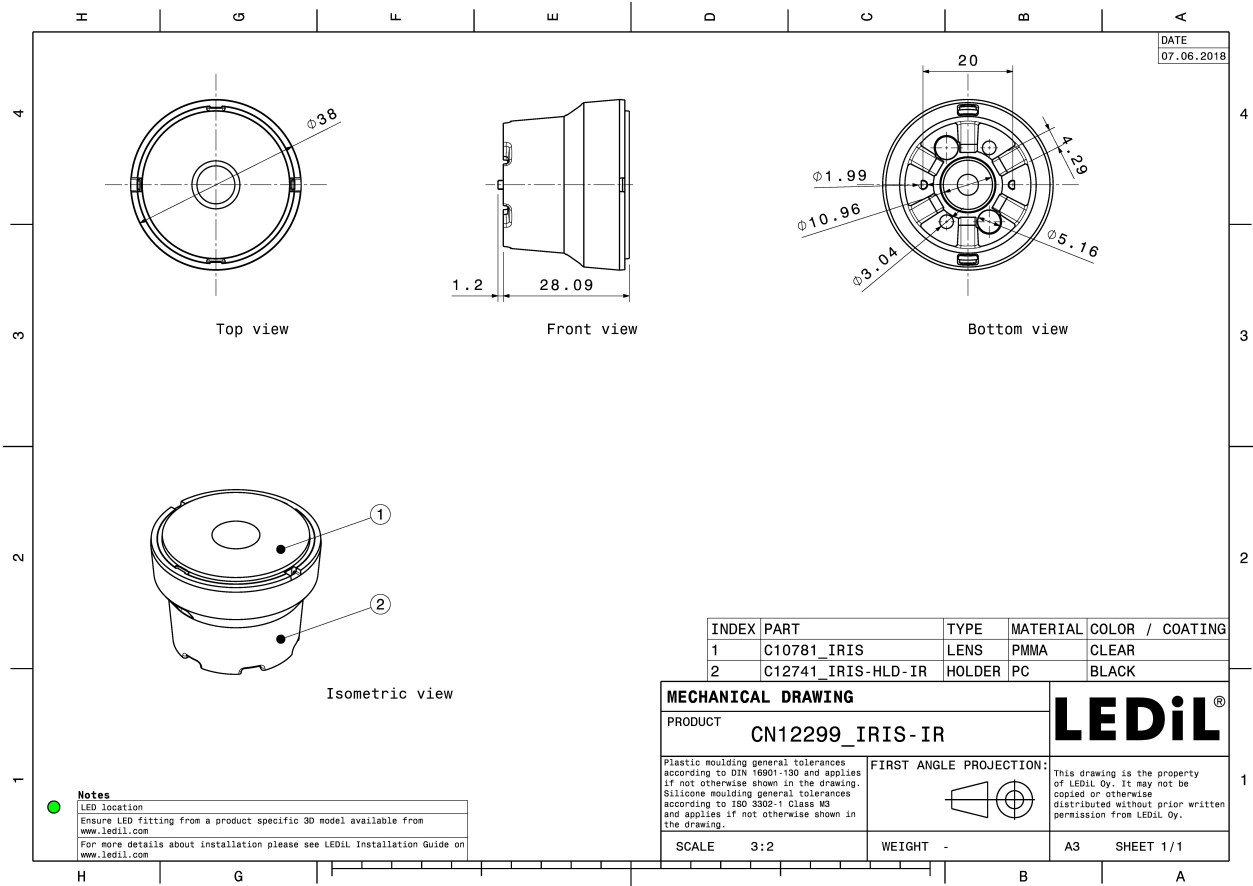
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-HLD-IR	Holder	PC	black	



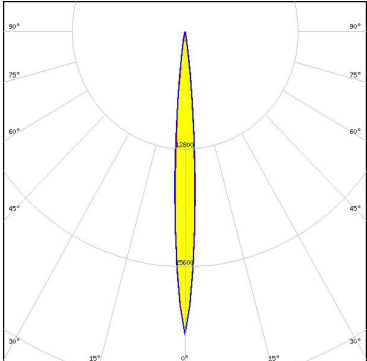
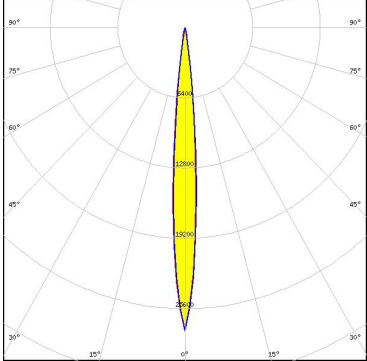
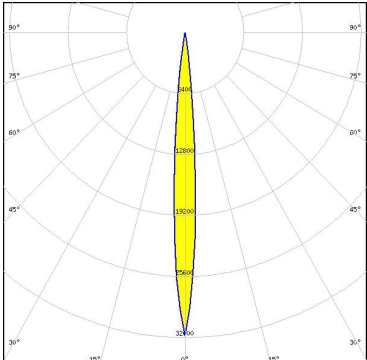
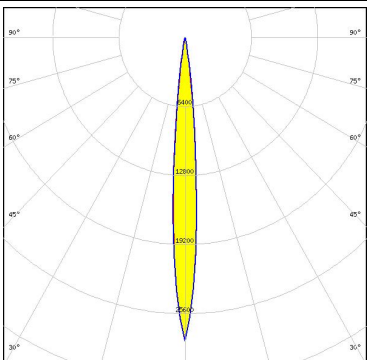
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CN12299_IRIS-IR	Single lens	348	116	116	0.0
» Box size:					



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

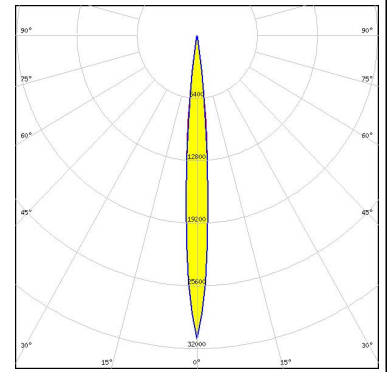
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON IR Domed 150</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 33 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON IR Domed 60</p> <p>FWHM / FWTM 9.0° / 18.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 27.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON IR Domed 90</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 31.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4715AS</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 28.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

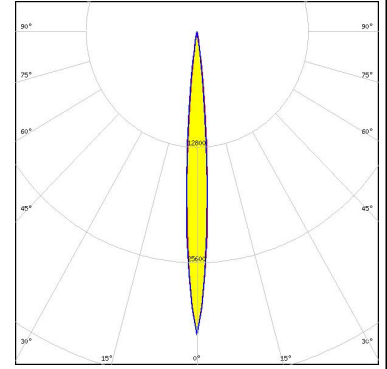
OSRAM[®] Opto Semiconductors

LED SFH 4715S
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 89 %
 Peak intensity 31 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



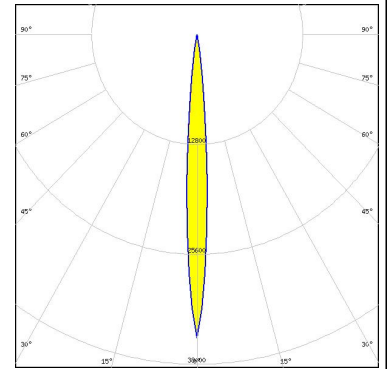
OSRAM[®] Opto Semiconductors

LED SFH 4716AS
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 86 %
 Peak intensity 33.6 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



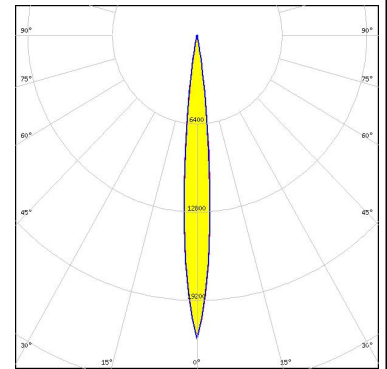
OSRAM[®] Opto Semiconductors

LED SFH 4716S
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 85 %
 Peak intensity 35.3 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



OSRAM[®] Opto Semiconductors

LED SFH 4717AS
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 86 %
 Peak intensity 22 cd/lm
 LEDs/each optic 1
 Light colour IR
 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.

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](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)