

IRIS

~10° spot beam with holder optimized for Luminus SST-50

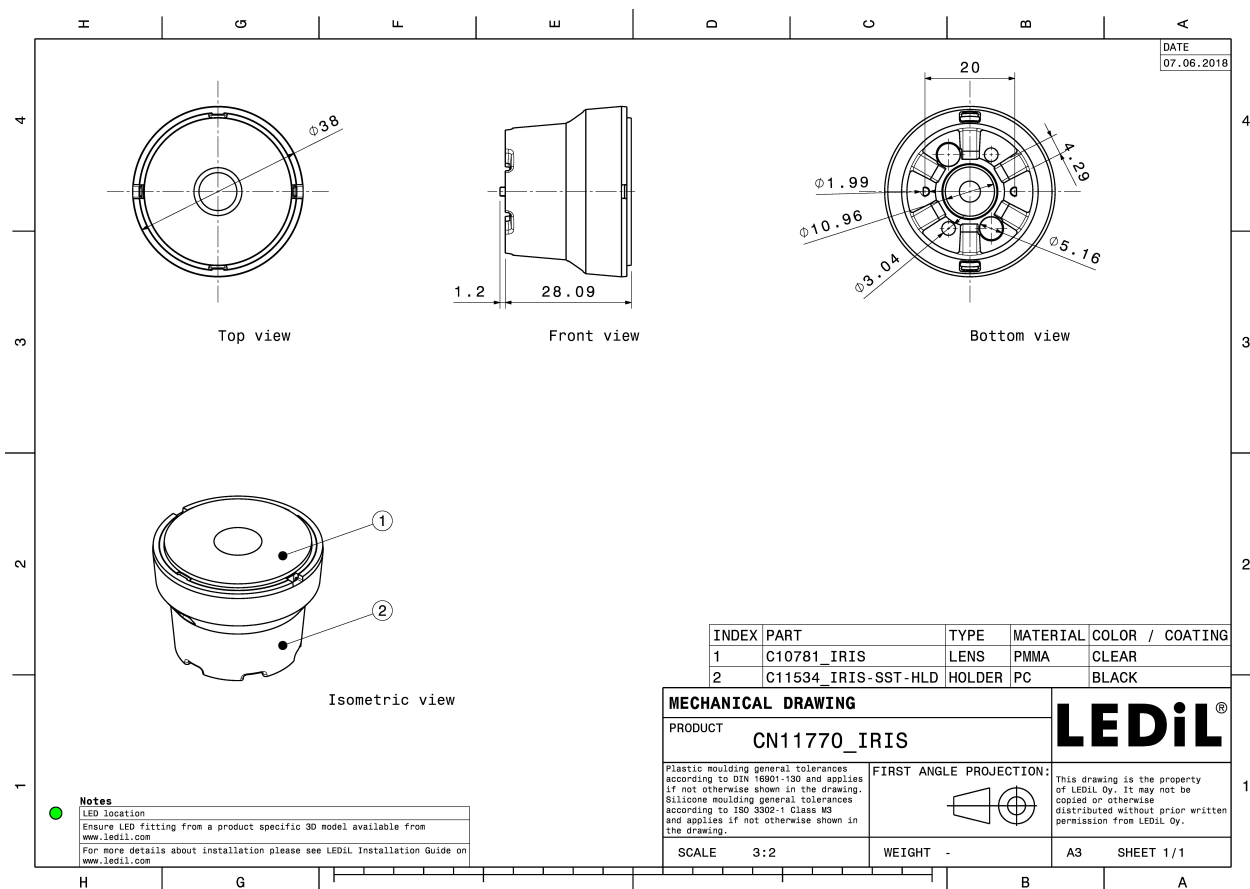
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.1 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	348 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

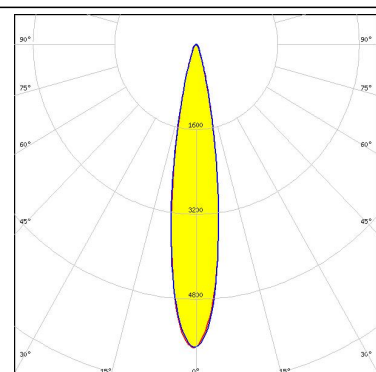
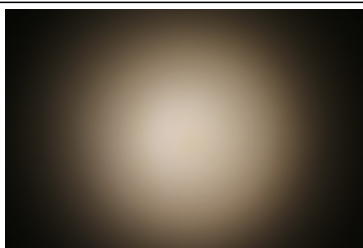
Component	Type	Material	Colour
IRIS	Single lens	PMMA	clear
IRIS-SST-HLD	Holder	PC	black



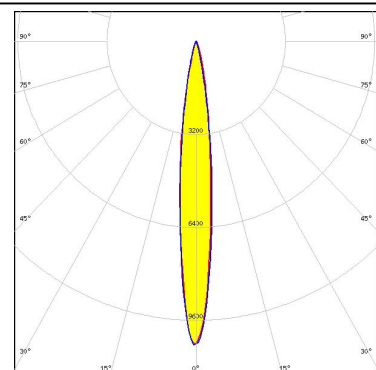
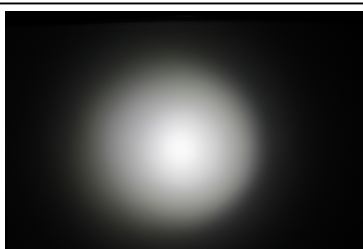
PHOTOMETRIC DATA (MEASURED):



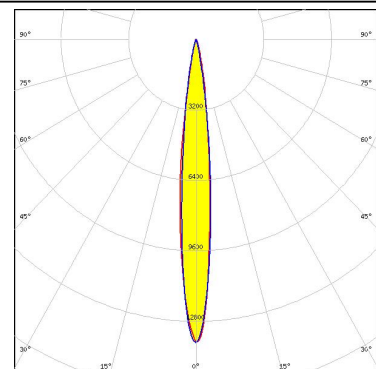
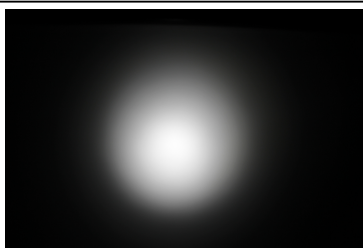
LED MHD-E/G
FWHM 18.0°
Efficiency 93 %
Peak intensity 5.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



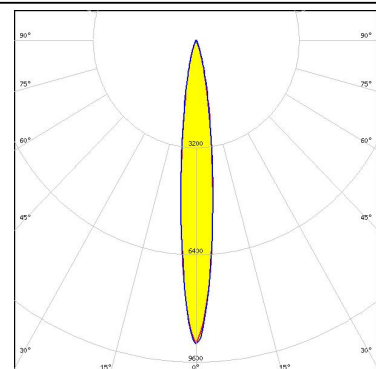
LED XHP35 HD
FWHM 12.0°
Efficiency 85 %
Peak intensity 10.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HI
FWHM 11.0°
Efficiency 87 %
Peak intensity 14.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



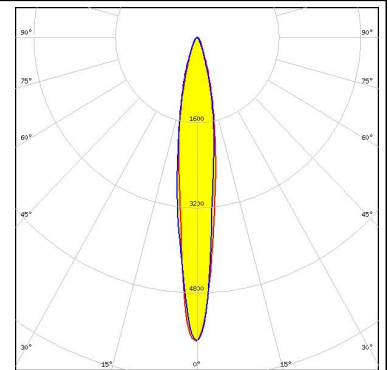
LED XHP50
FWHM 13.0°
Efficiency 83 %
Peak intensity 9.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



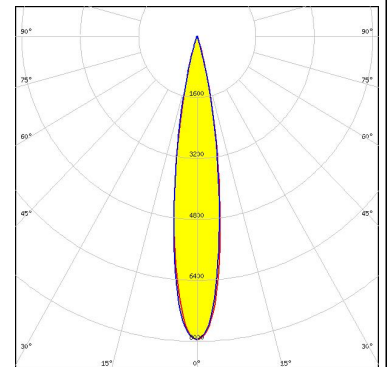
PHOTOMETRIC DATA (MEASURED):



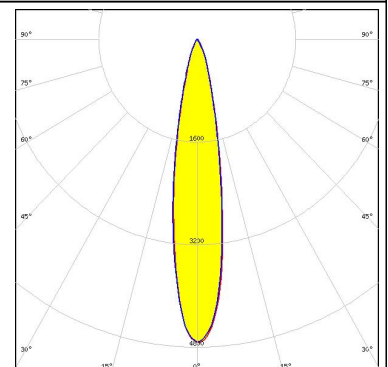
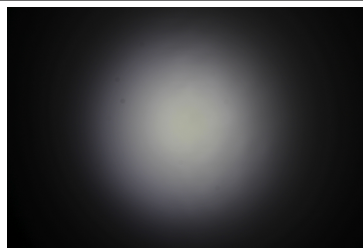
LED XHP70
FWHM 14.0°
Efficiency 90 %
Peak intensity 5.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



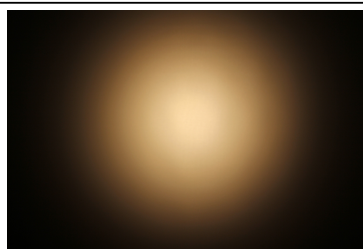
LED SST-90
FWHM 17.0°
Efficiency 0 %
Peak intensity 6.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NV9W149AM
FWHM 19.0°
Efficiency 80 %
Peak intensity 4.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S10
FWHM 15.0°
Efficiency 83 %
Peak intensity 7.100 cd/lm
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.

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

Local sales and technical support

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

Shipping locations

Salu, Finland
Hong Kong, China

Distribution Partners

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