IRIS

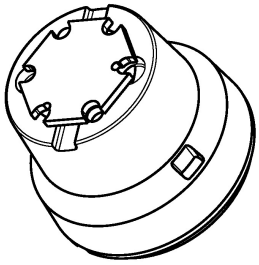
~10° spot beam with holder

TECHNICAL SPECIFICATIONS:

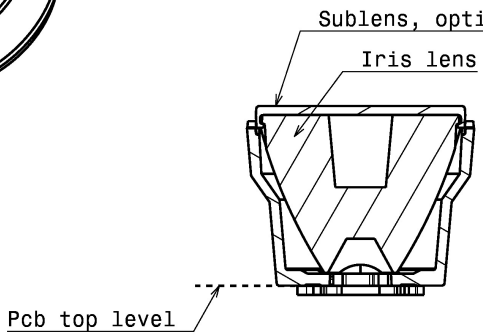
Dimensions	Ø 38.0 mm
Height	28.5 mm
Fastening	glue, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	580 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

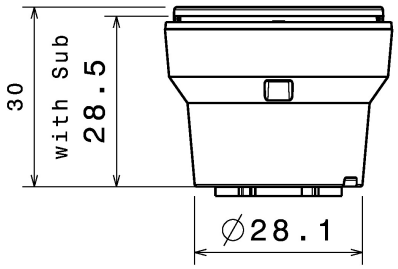
Component	Type	Material	Colour
IRIS	Lens	PMMA	clear
IRIS-HLD	Holder	PC	black



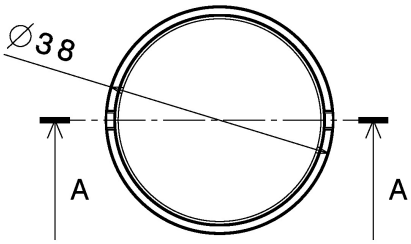
Isometric view



Section view A-A



Front view



Top view

Materials:
Lens PMMA
Holder PC

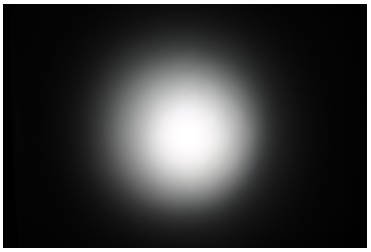
Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

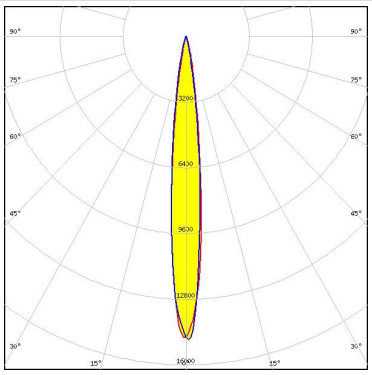
DRAWN BY: a	DATE: 13.4.2012	DRAWING TITLE: Datasheet Iris MC/ Ostar assy	
CHECKED BY: x x	DATE: 13.4.2012	SIZE: A4	DRAWING NUMBER: - REV: 1
DESIGNED BY	DATE	SCALE: 1:1	WEIGHT(g) SHEET: 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

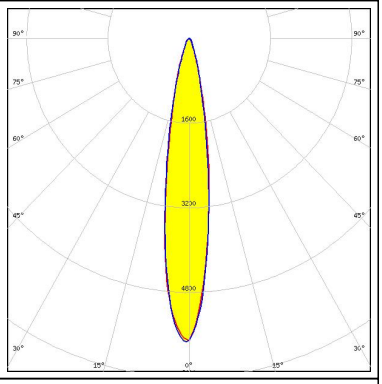
LED	MC-E
FWHM	11.0°
Efficiency	89 %
Peak intensity	15.000 cd/lm
Required components:	





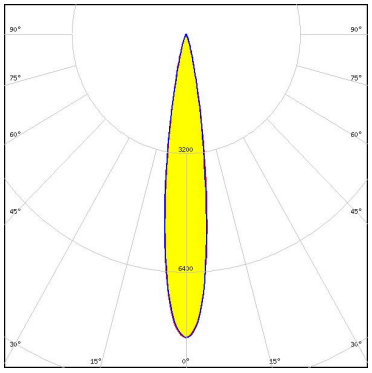
CREE

LED	MHD-E/G
FWHM	17.0°
Efficiency	91 %
Peak intensity	5.700 cd/lm
Required components:	



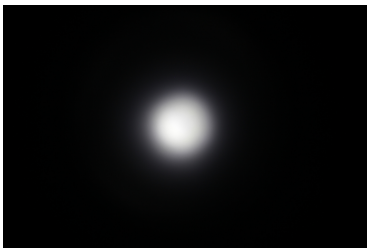
CREE

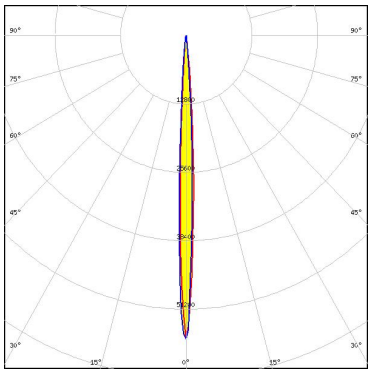
LED	XHP50.2
FWHM	16.0°
Efficiency	83 %
Peak intensity	8.200 cd/lm
Required components:	



LUMILEDS

LED	LUXEON CZ
FWHM	5.0°
Efficiency	80 %
Peak intensity	57.000 cd/lm
Required components:	

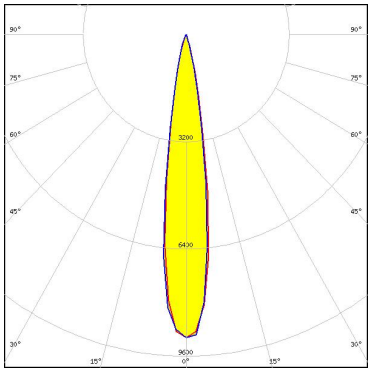




PHOTOMETRIC DATA (MEASURED):

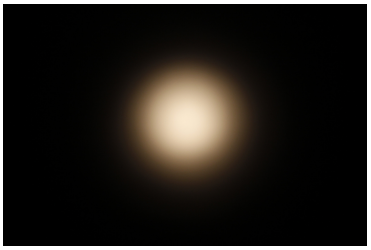
LUMILEDS

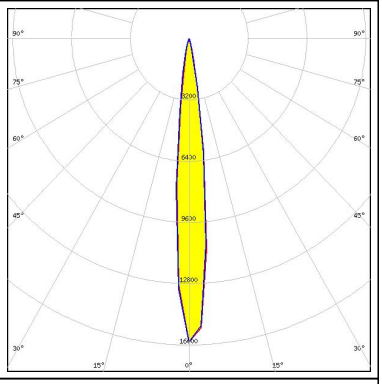
LED	LUXEON M/MX
FWHM	16.0°
Efficiency	87 %
Peak intensity	9.100 cd/lm
Required components:	



LUMILEDS

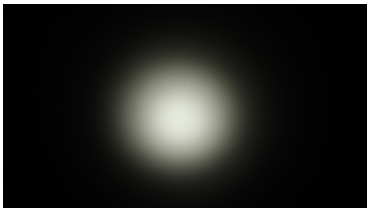
LED	LUXEON MZ
FWHM	12.0°
Efficiency	82 %
Peak intensity	15.840 cd/lm
Required components:	

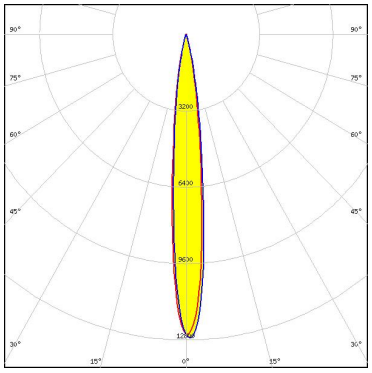




NICHIA

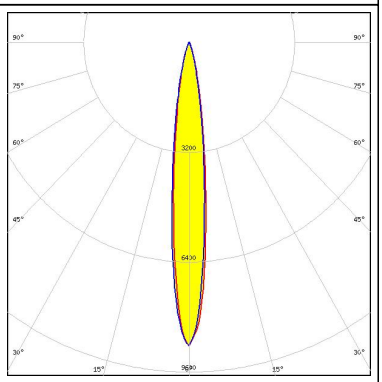
LED	NFMW48xA
FWHM	12.0°
Efficiency	84 %
Peak intensity	12.800 cd/lm
Required components:	





OSRAM
Opto Semiconductors

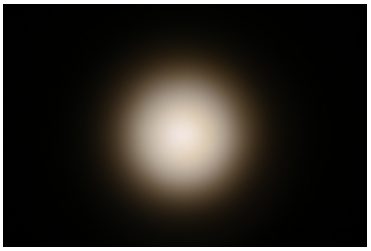
LED	Duris S10
FWHM	13.0°
Efficiency	79 %
Peak intensity	8.800 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

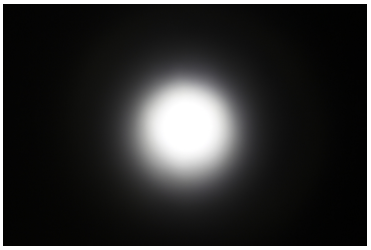
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	11.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	7.0°
Efficiency	83 %
Peak intensity	40.400 cd/lm
Required components:	



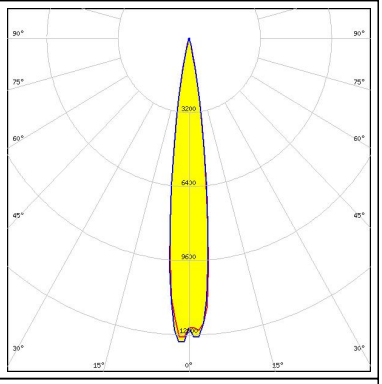
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON 5258
FWHM	11.0°
Efficiency	89 %
Peak intensity	17.800 cd/lm
Required components:	

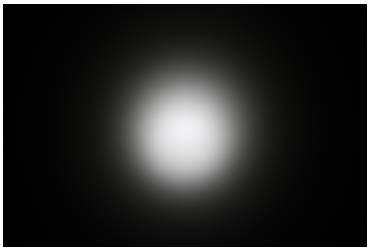
OSRAM
Opto Semiconductors

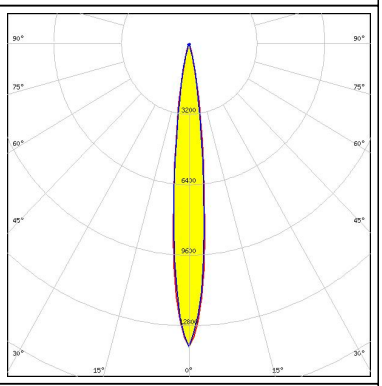
LED	OSCONIQ P 7070
FWHM	14.0°
Efficiency	87 %
Peak intensity	13.500 cd/lm
Required components:	



OSRAM
Opto Semiconductors

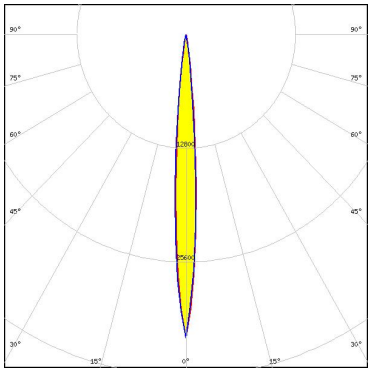
LED	Oslon Square Flat
FWHM	12.0°
Efficiency	87 %
Peak intensity	13.800 cd/lm
Required components:	





OSRAM
Opto Semiconductors

LED	SFH 4770S
FWHM	8.1°
Efficiency	91 %
Peak intensity	3.410 cd/lm
Required components:	

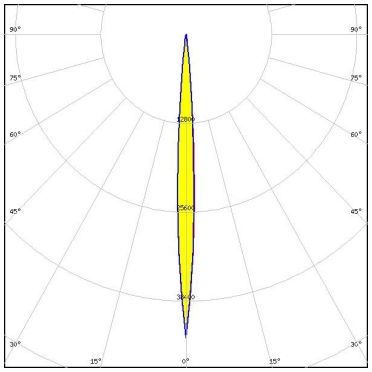


PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	6.0°
Efficiency	89 %
Peak intensity	43.690 cd/lm

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

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy