

LISA2-W-CLIP

~35° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

SPECIFICATION:

Dimensions	Ø 9.9
Height	6.8 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

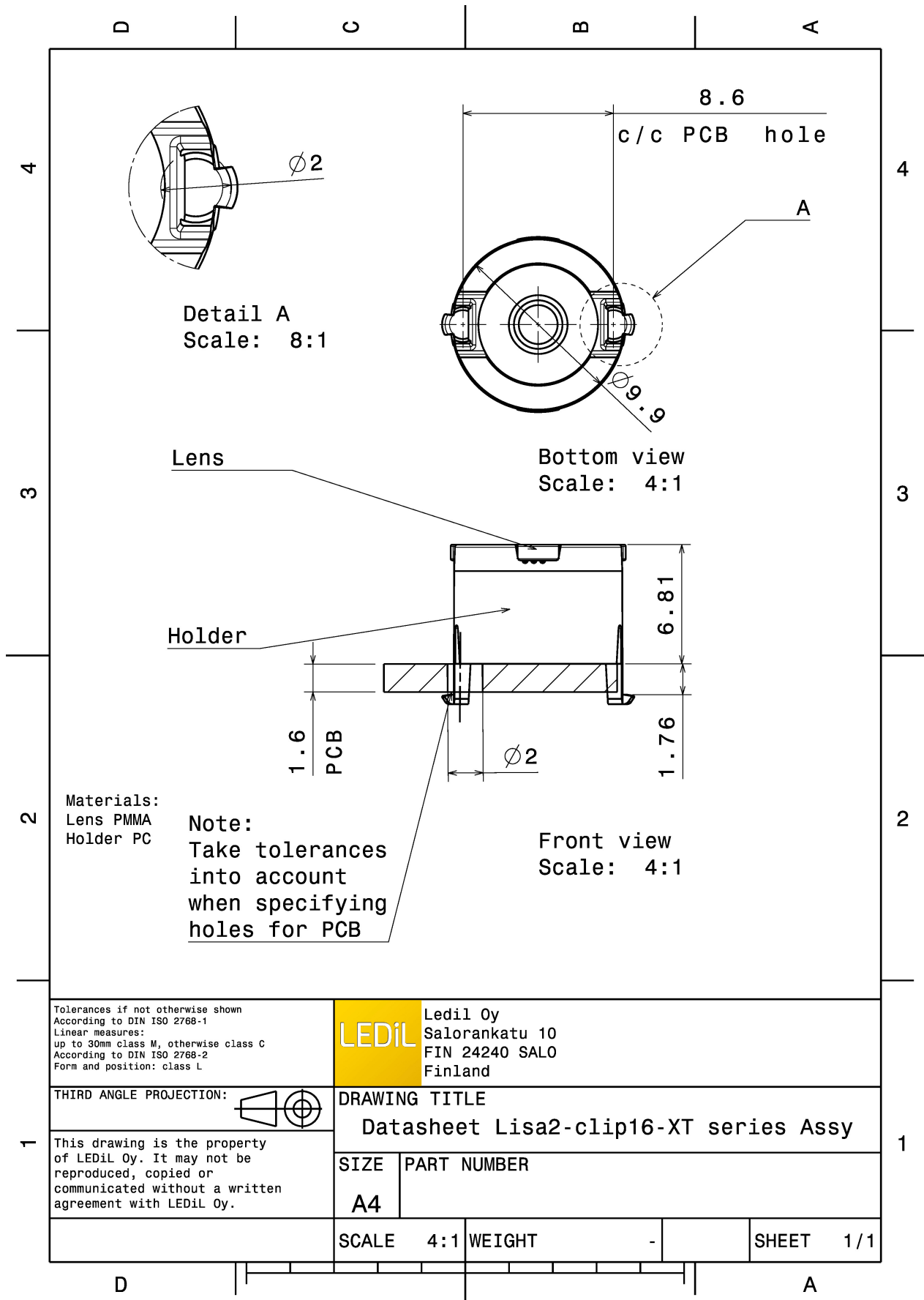


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA2-W	Single lens	PMMA	clear		
LISA2-HLD-CLIP16-XP	Holder	PC	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP13031_LISA2-W-CLIP	Single lens	2000	300	100	1.4
» Box size: 310 x 230 x 60 mm					



Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet Lisa2-clip16-XT series Assy

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE	PART NUMBER
A4	

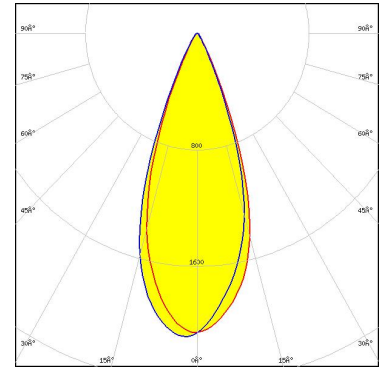
SCALE	4:1	WEIGHT	-	SHEET	1/1
--------------	-----	---------------	---	--------------	-----

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

OPTICAL RESULTS (MEASURED):



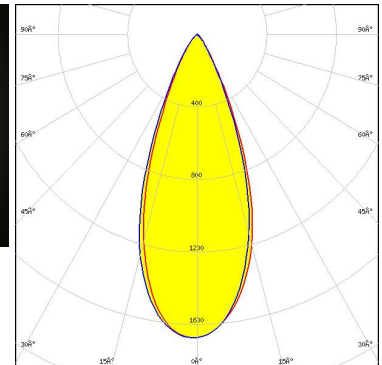
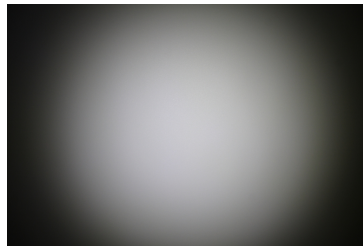
LED XP-G2
FWHM / FWTM 36.0° / 55.0°
Efficiency 88 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



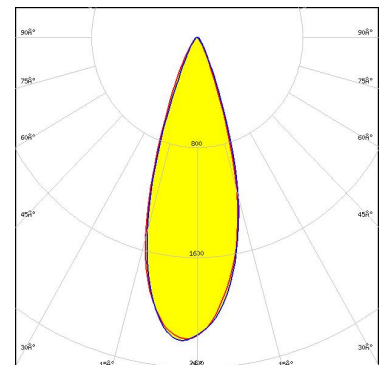
LED XP-G3
FWHM / FWTM 41.0° / 66.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

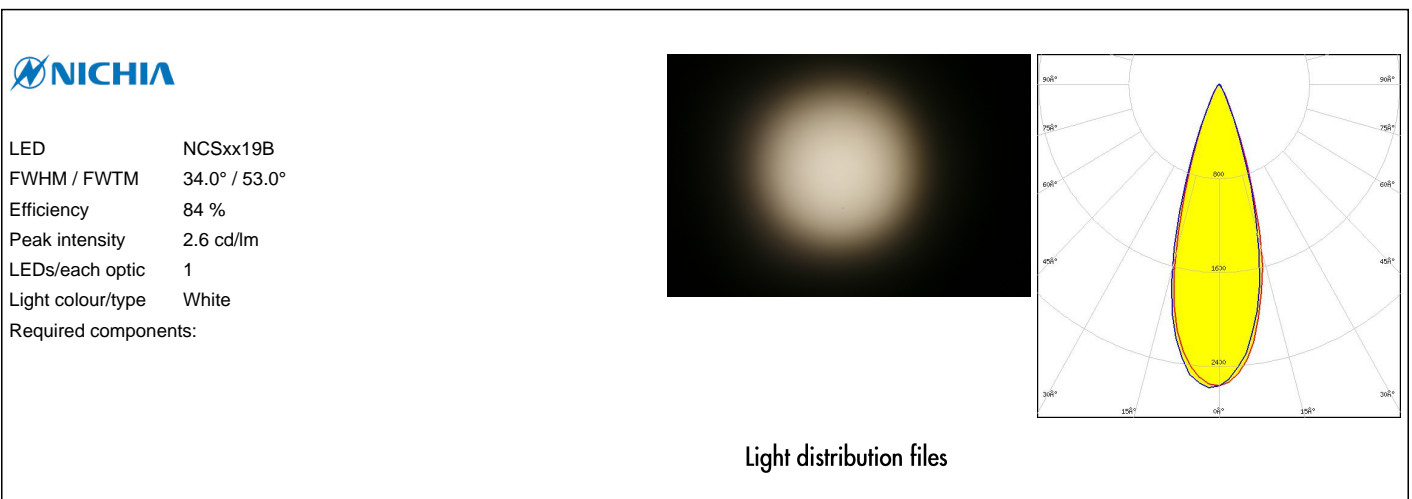
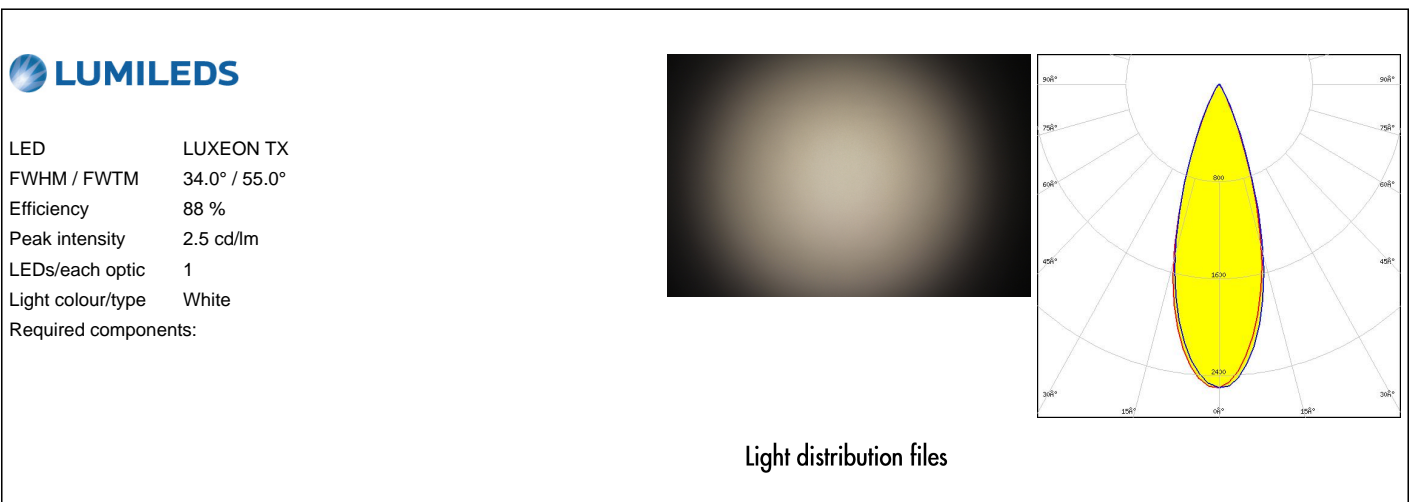
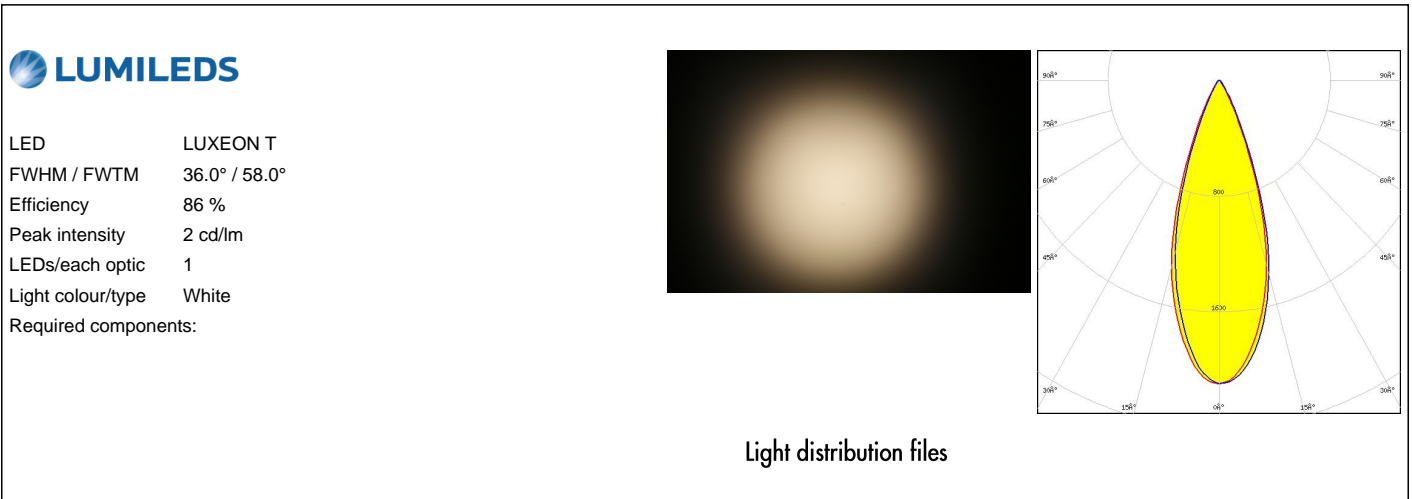


LED XT-E
FWHM / FWTM 32.0° / 51.0°
Efficiency 84 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

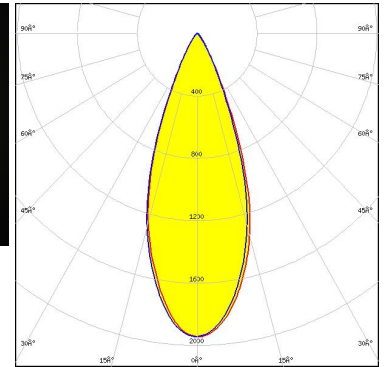
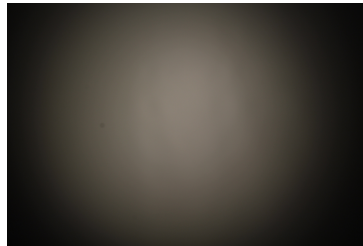
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):



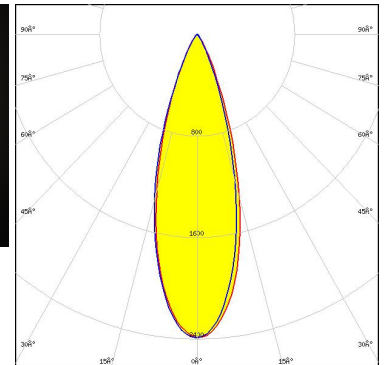
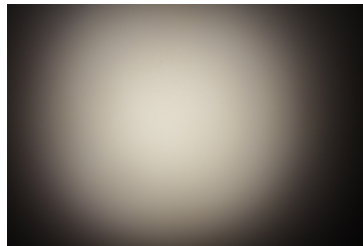
LED NVSxx19B/NVSxx19C
FWHM / FWTM 38.0° / 61.0°
Efficiency 87 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



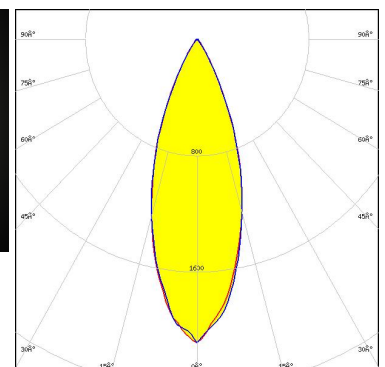
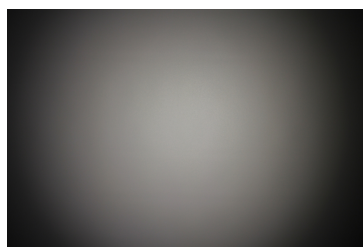
LED OSLOM Square EC
FWHM / FWTM 33.0° / 57.0°
Efficiency 85 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LH351B
FWHM / FWTM 40.0° / 64.0°
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

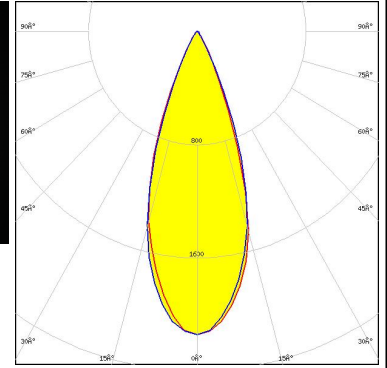
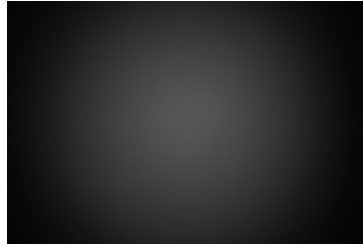


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED LH351Z
FWHM / FWTM 38.0° / 60.0°
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

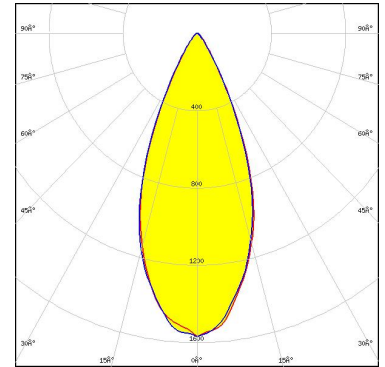


Light distribution files

OPTICAL RESULTS (SIMULATED):



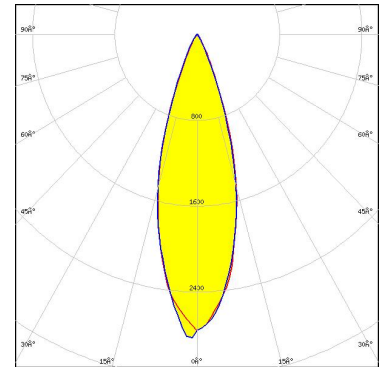
LED XP-G2 HE
FWHM / FWTM 43.0° / 68.0°
Efficiency 88 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON H50-2
FWHM / FWTM 30.0° / 52.0°
Efficiency 89 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



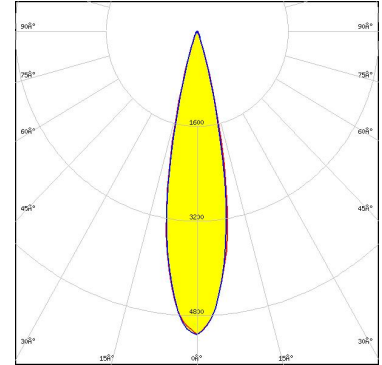
LED LUXEON IR Compact
FWHM / FWTM 34.0° / 47.0°
Efficiency 83 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

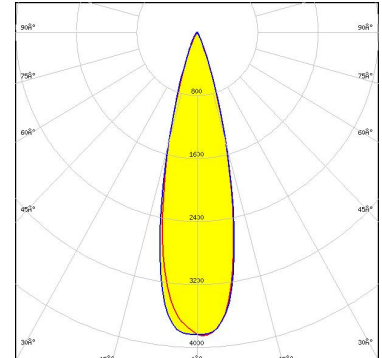
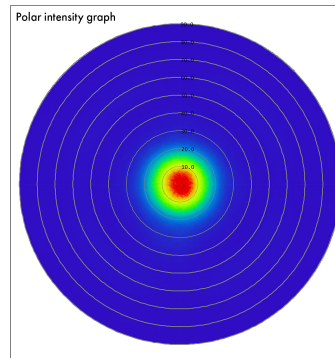
LED SFH 4715S
FWHM / FWTM 22.0° / 36.0°
Efficiency 90 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

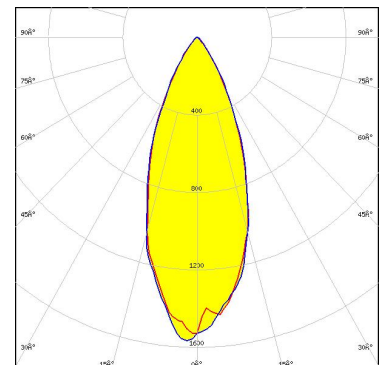
LED SFH 4770S
FWHM / FWTM 26.0° / 43.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM / FWTM 38.0° / 70.0°
Efficiency 84 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

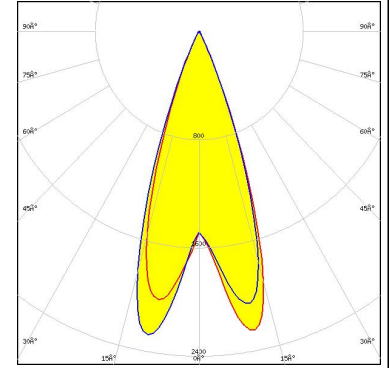
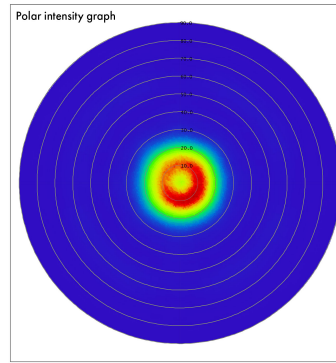


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED MGN1108MS
FWHM / FWTM 38.0° / 51.0°
Efficiency 84 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

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 7
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

Poznan, Poland
Hong Kong, China

Distribution Partners

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