

HEIDI-W2

~45° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	12 mm
Fastening	tape, pin
ROHS compliant	yes 

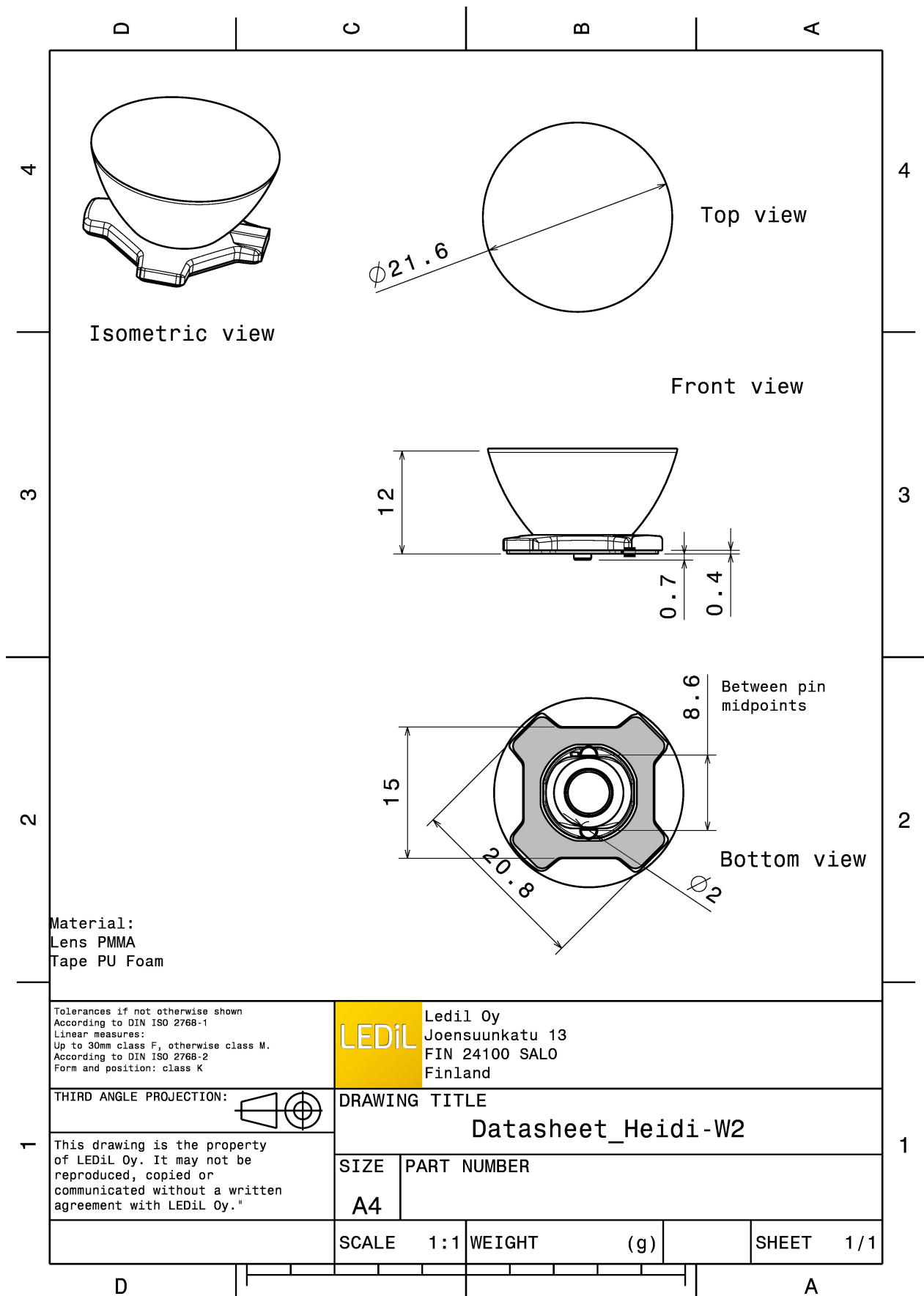
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-W2	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	PU tape	black	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12079_HEIDI-W2	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					



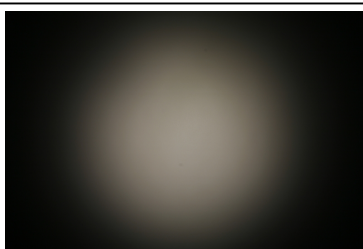
PHOTOMETRIC DATA (MEASURED):

CREE

LED XB-D
FWHM 46.0°
Efficiency 76 %
Peak intensity 1 cd/Im
LEDs/each optic 1
Light colour White
Required components:

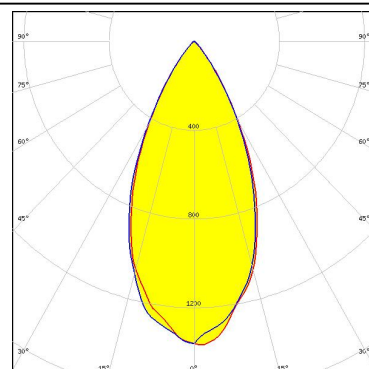
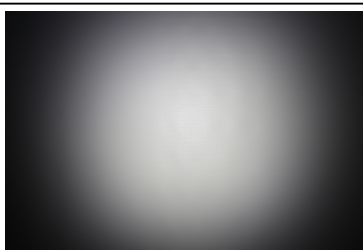
CREE

LED XB-H
FWHM 45.0°
Efficiency 80 %
Peak intensity 1.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



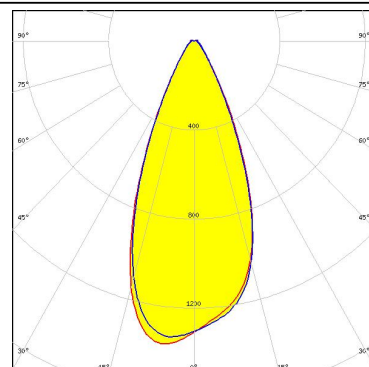
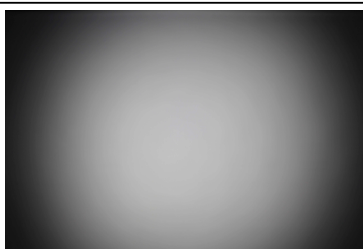
CREE

LED XHP35 HD
FWHM 46.0°
Efficiency 81 %
Peak intensity 1.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XHP35 HI
FWHM 44.0°
Efficiency 91 %
Peak intensity 1.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



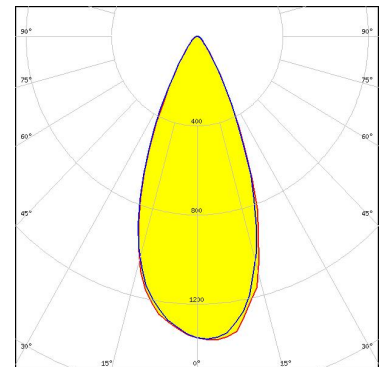
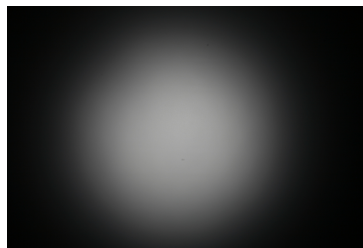
PHOTOMETRIC DATA (MEASURED):

CREE

LED XP-E
FWHM 44.0°
Efficiency 81 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-E2
FWHM 45.0°
Efficiency 81 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

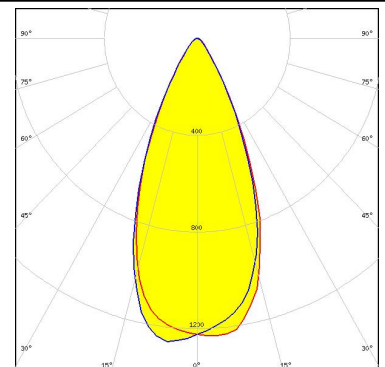
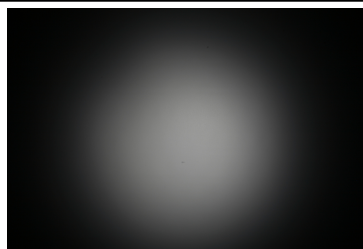


CREE

LED XP-G
FWHM 44.0°
Efficiency 81 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

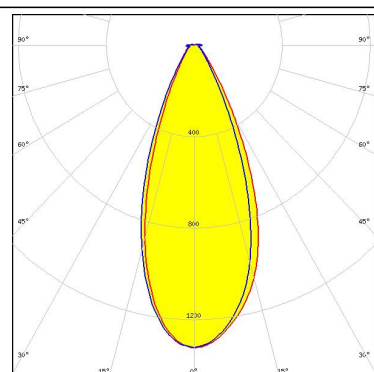
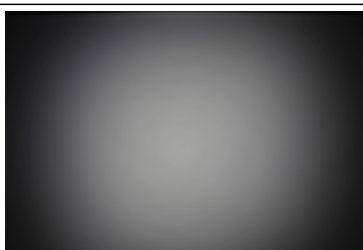
LED XP-G2
FWHM 46.0°
Efficiency 80 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



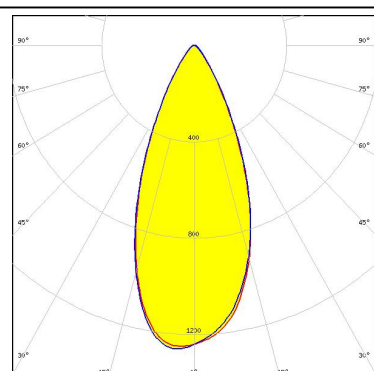
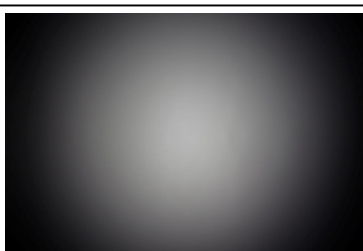
PHOTOMETRIC DATA (MEASURED):



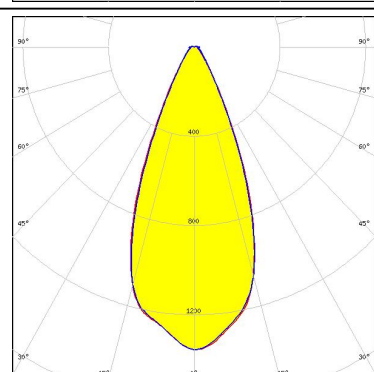
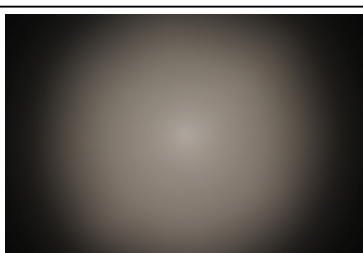
LED XP-G3
FWHM 42.0°
Efficiency 91 %
Peak intensity 1.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



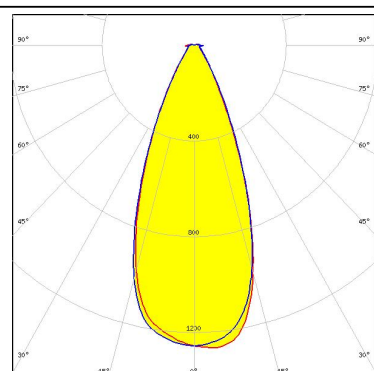
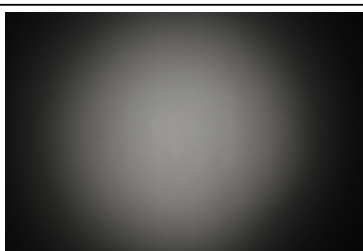
LED XP-L HD
FWHM 44.0°
Efficiency 79 %
Peak intensity 1.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HD
FWHM 44.0°
Efficiency 91 %
Peak intensity 1.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



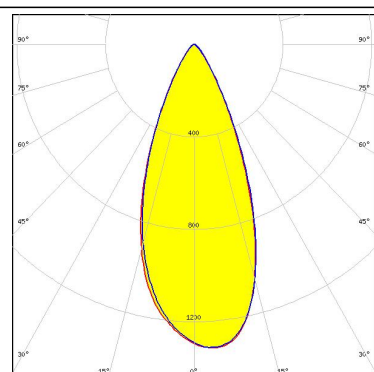
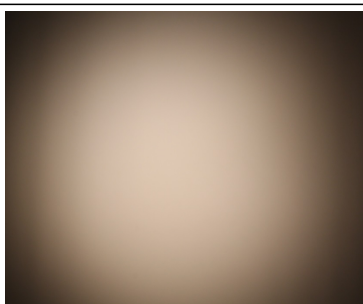
LED XQ-E HI
FWHM 42.0°
Efficiency 87 %
Peak intensity 1.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



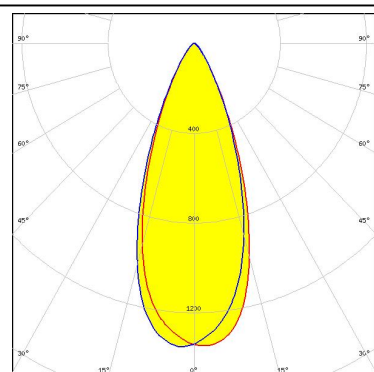
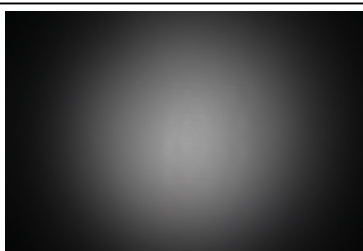
PHOTOMETRIC DATA (MEASURED):



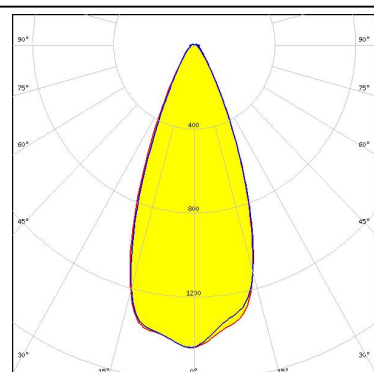
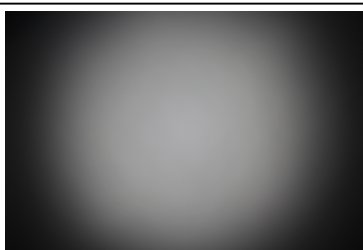
LED XT-E
FWHM 42.0°
Efficiency 75 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



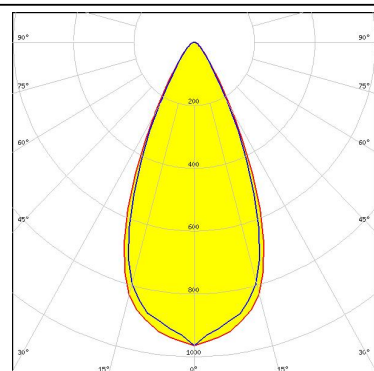
LED LUXEON C
FWHM 40.0°
Efficiency 71 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON CZ
FWHM 42.0°
Efficiency 93 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



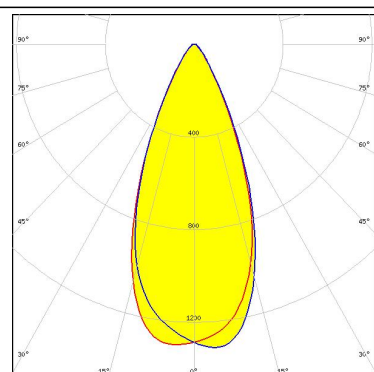
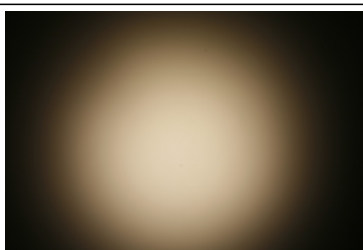
LED LUXEON Rebel
FWHM 49.0°
Efficiency 85 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



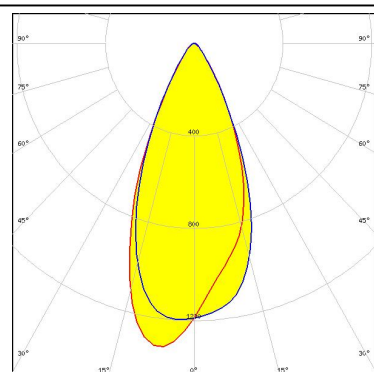
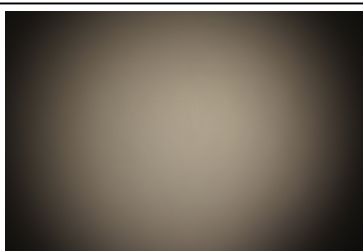
PHOTOMETRIC DATA (MEASURED):



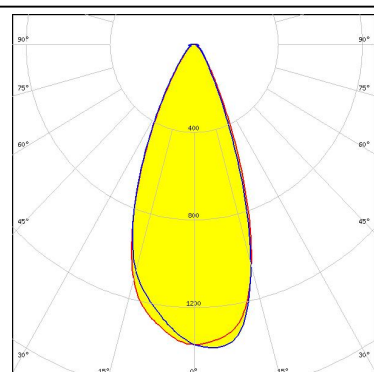
LED LUXEON T
FWHM 44.0°
Efficiency 83 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



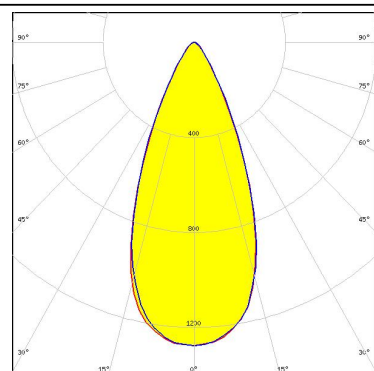
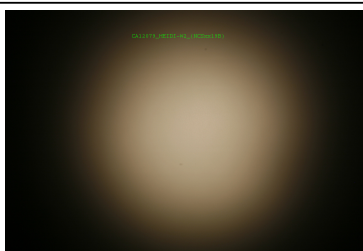
LED LUXEON TX
FWHM 44.0°
Efficiency 78 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SST-10-B130
FWHM 43.0°
Efficiency 90 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



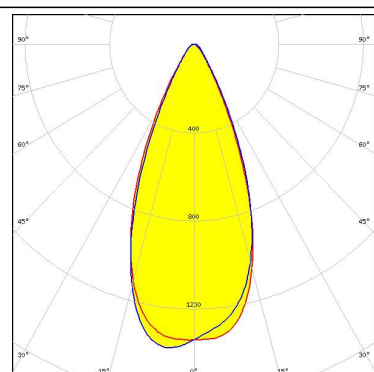
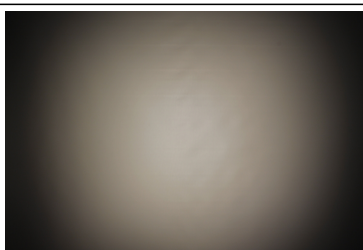
LED NCSxx19B
FWHM 45.0°
Efficiency 78 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



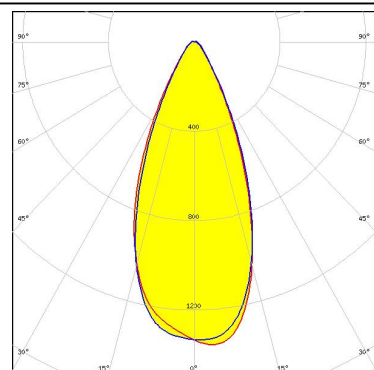
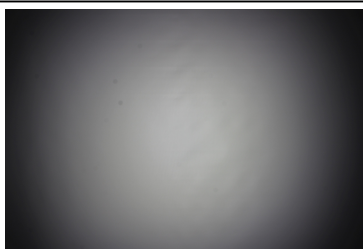
PHOTOMETRIC DATA (MEASURED):



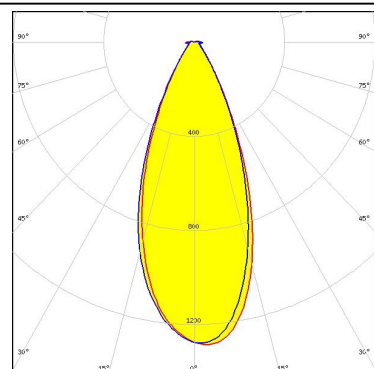
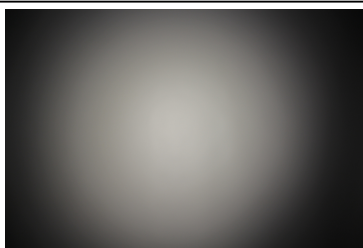
LED NVSW219D
FWHM 45.0°
Efficiency 93 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW319B
FWHM 44.0°
Efficiency 91 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM 42.0°
Efficiency 88 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

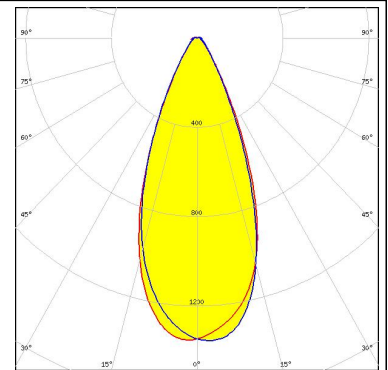


LED NVSxx19A
FWHM 48.0°
Efficiency 79 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

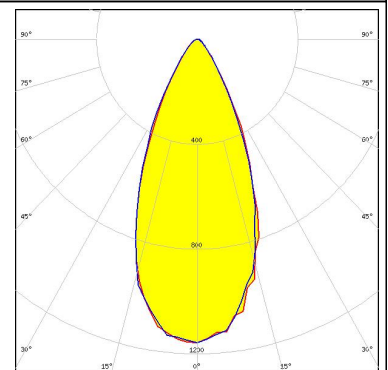
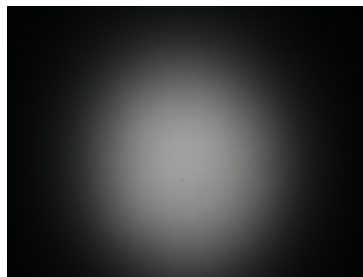
PHOTOMETRIC DATA (MEASURED):



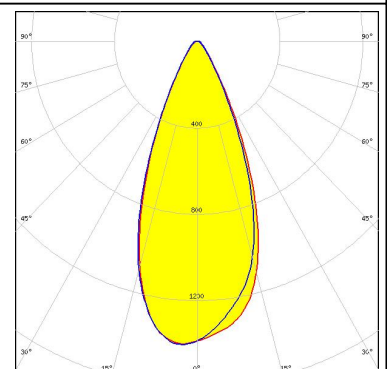
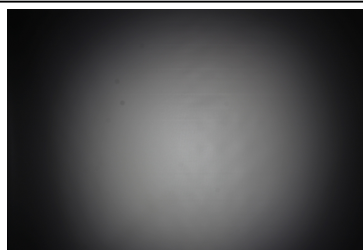
LED NVSxx19B/NVSxx19C
 FWHM 44.0 + 43.0°
 Efficiency 91 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM 44.0°
 Efficiency 77 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLOM Square CSSRM2/CSSRM3
 FWHM 43.0°
 Efficiency 91 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLOM SSL 150
 FWHM 40.0°
 Efficiency 81 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

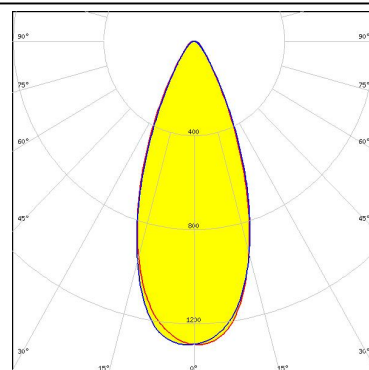
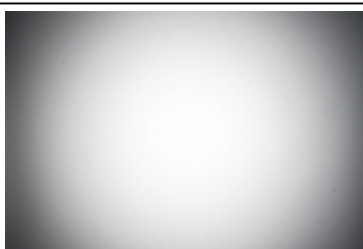
OSRAM

Opto Semiconductors

LED OSLON SSL 80
FWHM 47.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

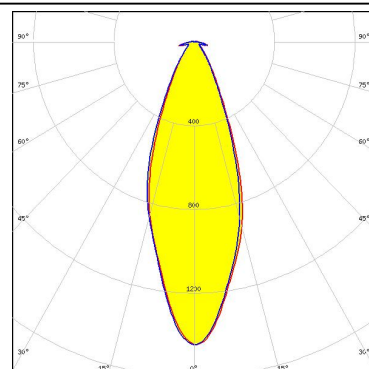
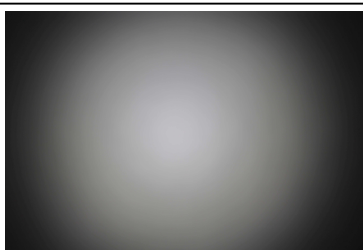
PHILIPS

LED Fortimo FastFlex 2x8 DS G3
FWHM 42.0°
Efficiency 81 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



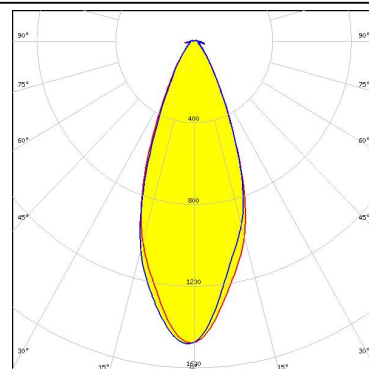
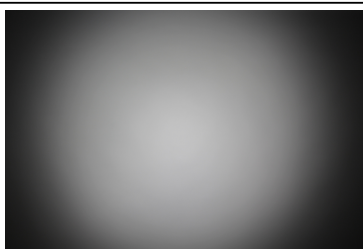
SAMSUNG

LED LH181A
FWHM 38.0°
Efficiency 87 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

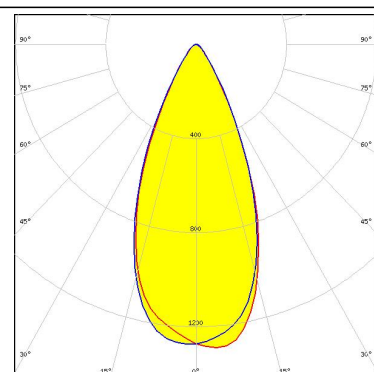
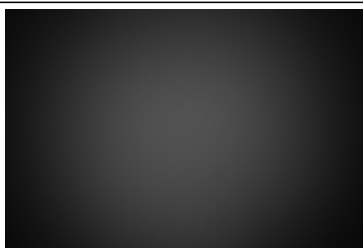
LED LH181B
FWHM 40.0°
Efficiency 90 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH351Z
FWHM 46.0°
Efficiency 82 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



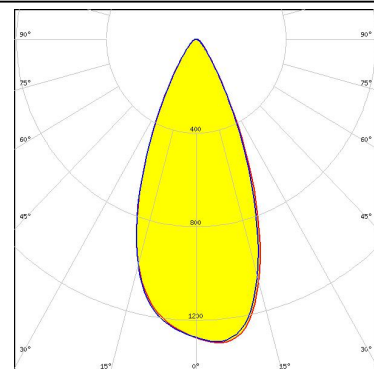
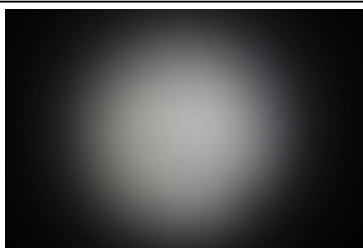
SEOUL SEMICONDUCTOR

LED Z5
FWHM 44.0°
Efficiency 76 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



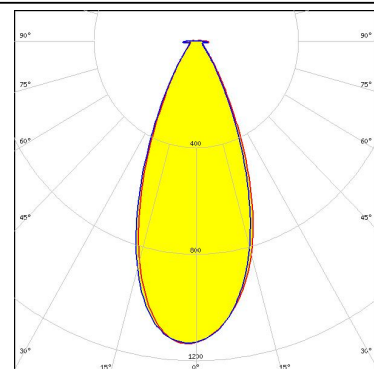
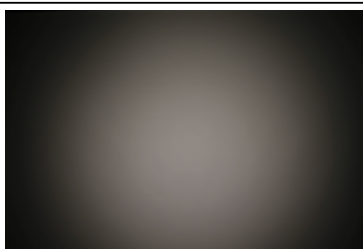
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM 44.0°
Efficiency 83 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 43.0°
Efficiency 81 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

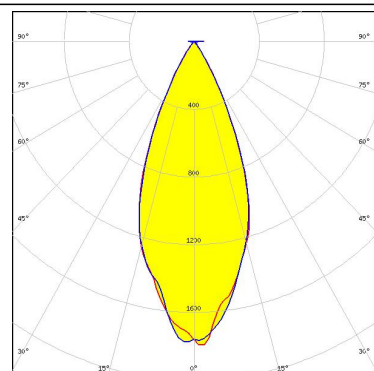
SHARP

LED Double Dome (GM2BB)
FWHM 44.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

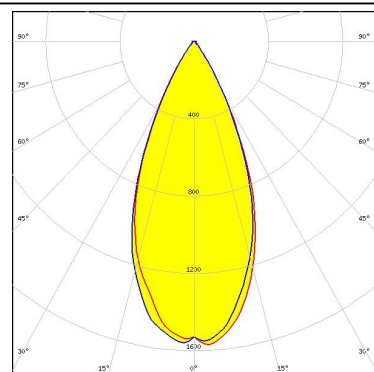
PHOTOMETRIC DATA (SIMULATED):



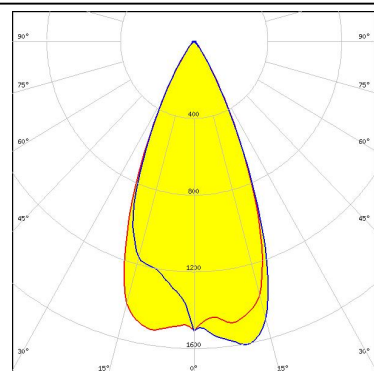
LED XB-D
FWHM 42.0°
Efficiency 89 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



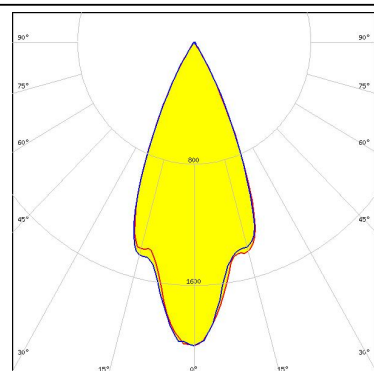
LED XP-G2 HE
FWHM 45.0°
Efficiency 92 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 3030 HV
FWHM 46.0°
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



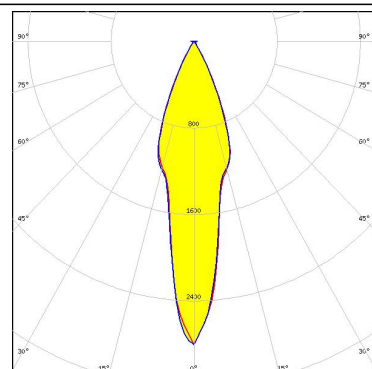
LED LUXEON SunPlus 20 Line (120 deg)
FWHM 44.0°
Efficiency 95 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



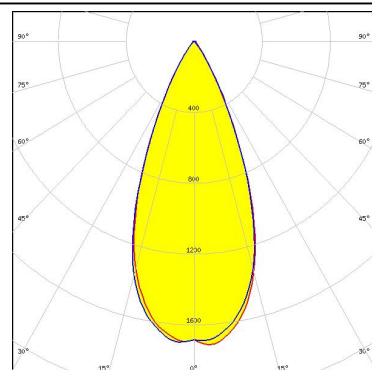
PHOTOMETRIC DATA (SIMULATED):



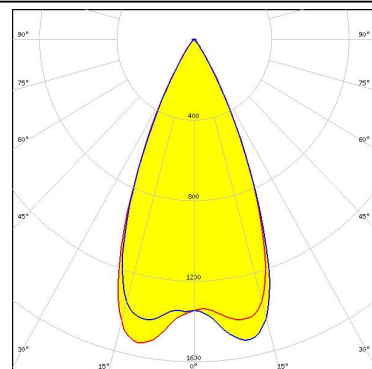
LED LUXEON SunPlus 20 Line (150 deg)
FWHM 21.0°
Efficiency 88 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



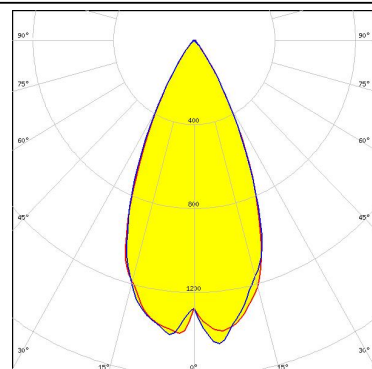
LED LUXEON Z ES
FWHM 43.0°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19A
FWHM 47.0°
Efficiency 92 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



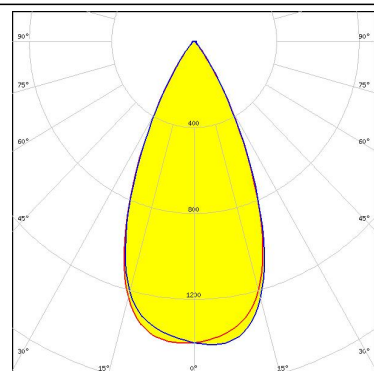
LED NV4WB35AM
FWHM 48.0°
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



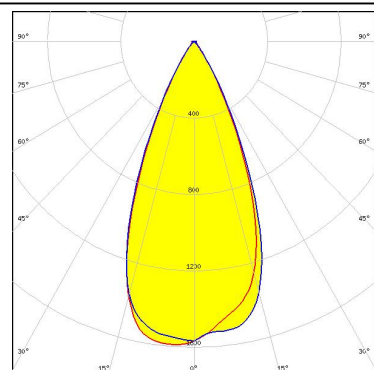
PHOTOMETRIC DATA (SIMULATED):



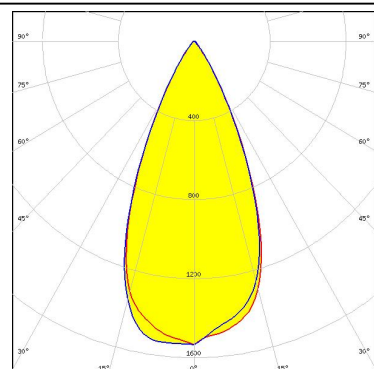
LED NVSxx19B/NVSxx19C
FWHM 48.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



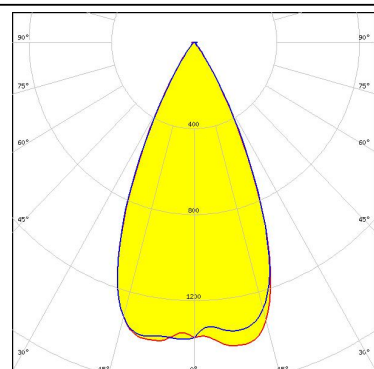
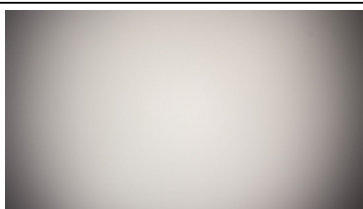
LED OSCONIQ P 3030
FWHM 46.0°
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 Flat
FWHM 47.0°
Efficiency 96 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



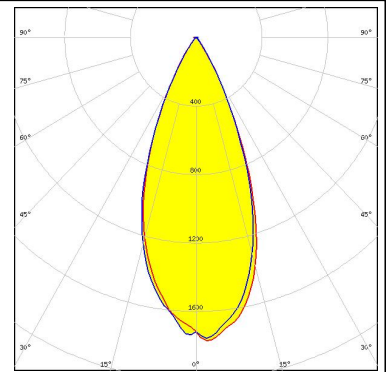
LED OSLON Square EC
FWHM 48.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM	42.0°
Efficiency	90 %
Peak intensity	1.8 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)