

HEIDI-W2

~45° wide beam

TECHNICAL SPECIFICATIONS:

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

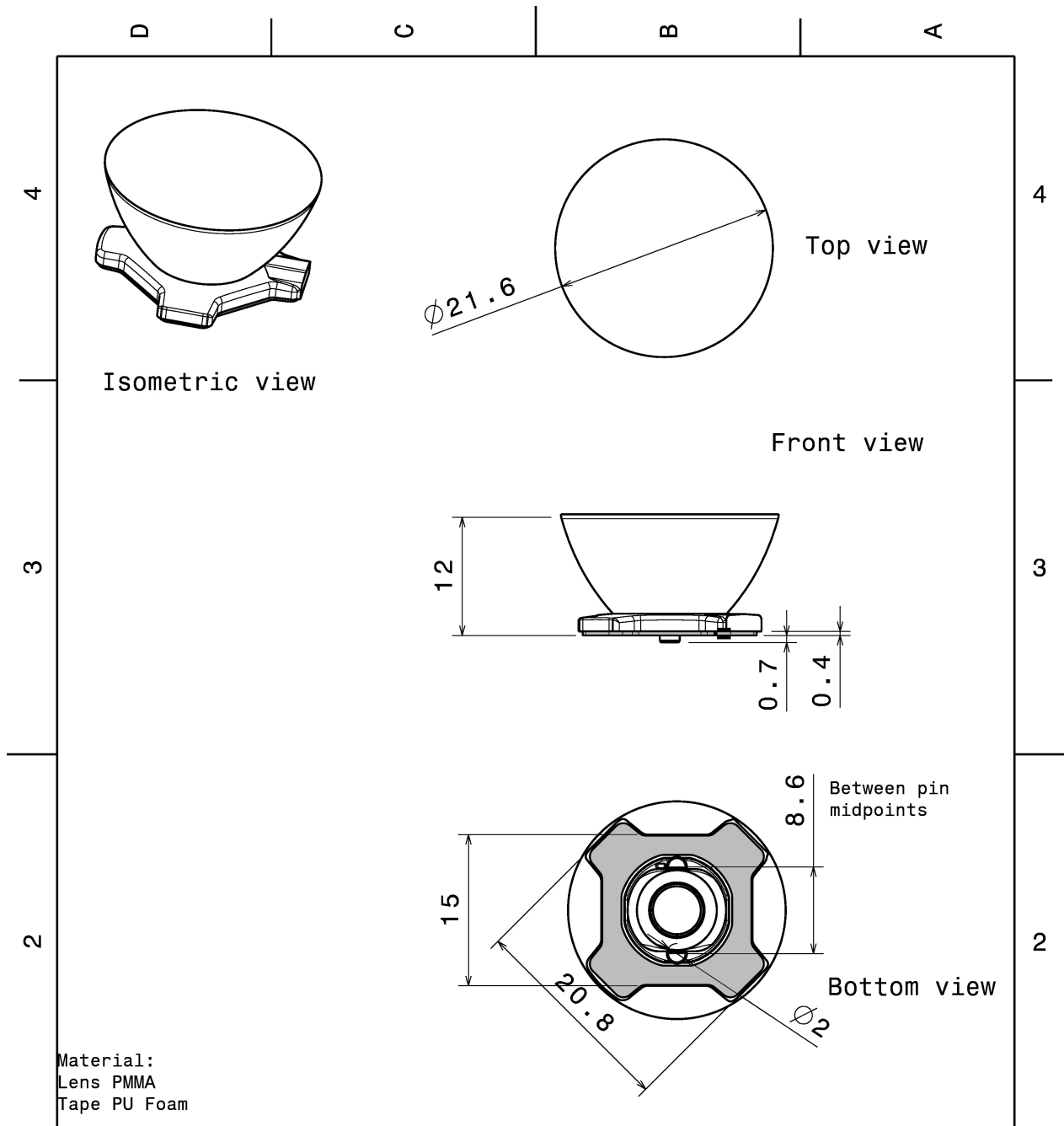
MATERIAL SPECIFICATIONS:

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					



Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.
According to DIN ISO 2768-2
Form and position: class K

LEDiL Ledil Oy
Joensuunkatu 13
FIN 24100 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet_Heidi-W2

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SIZE	PART NUMBER
A4	

SCALE	1:1	WEIGHT	(g)	SHEET	1/1
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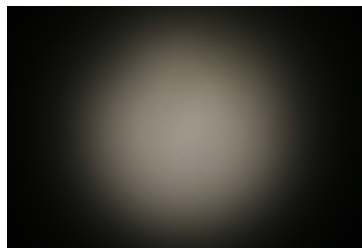
PHOTOMETRIC DATA (MEASURED):

CREE 

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

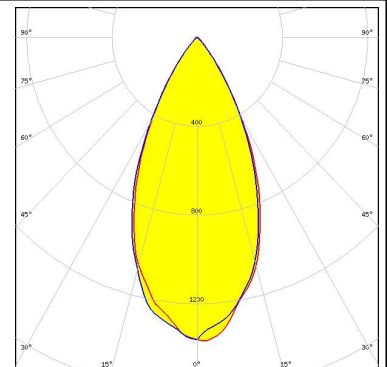
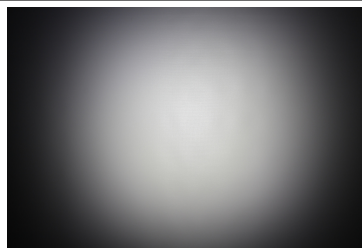
CREE 

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



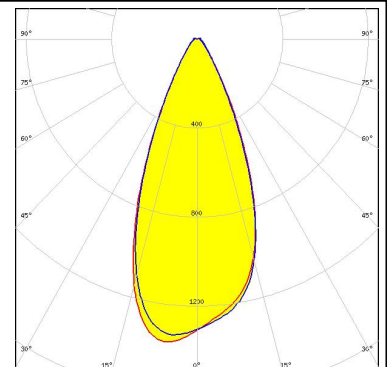
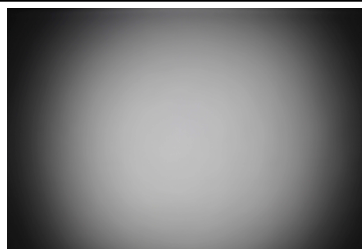
CREE 

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



CREE 

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



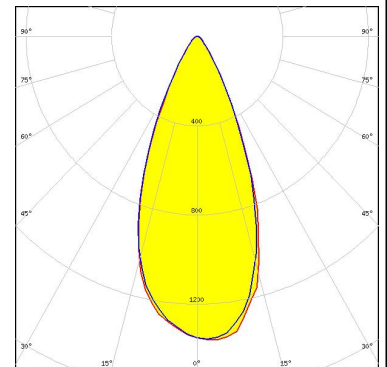
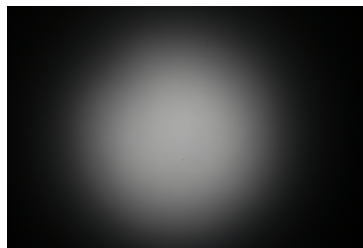
PHOTOMETRIC DATA (MEASURED):

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:

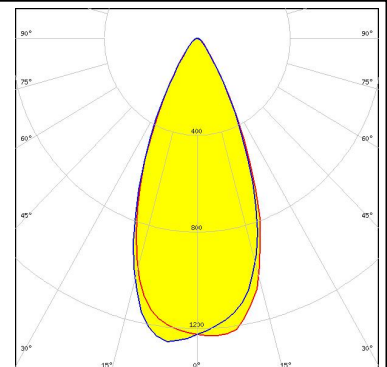
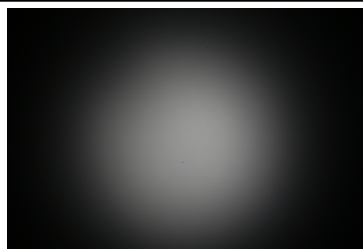


CREE

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

CREE

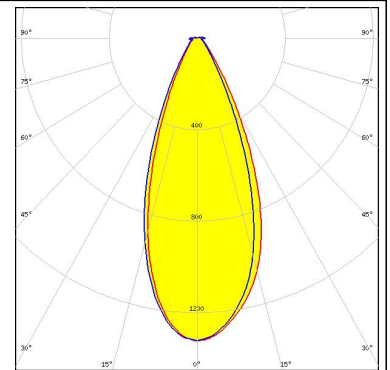
LED XP-G2
FWHM 46.0°
Efficiency 80 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

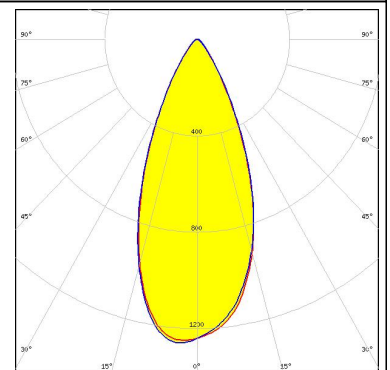
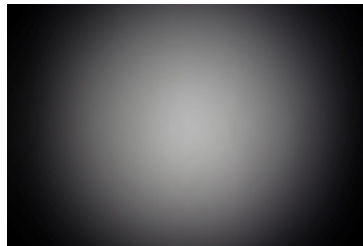
CREE 

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



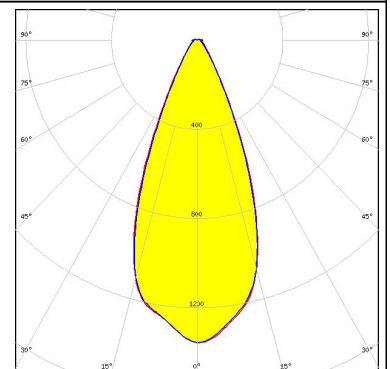
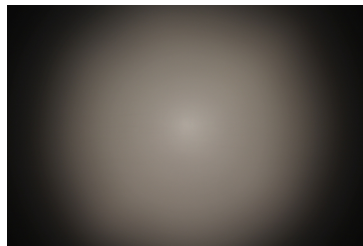
CREE 

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



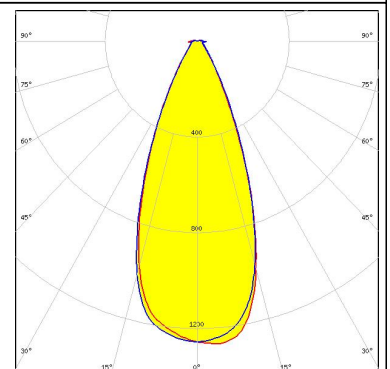
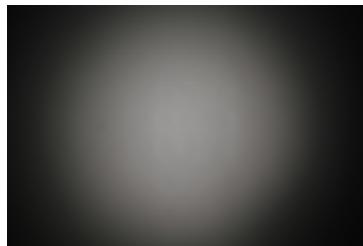
CREE 

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



CREE 

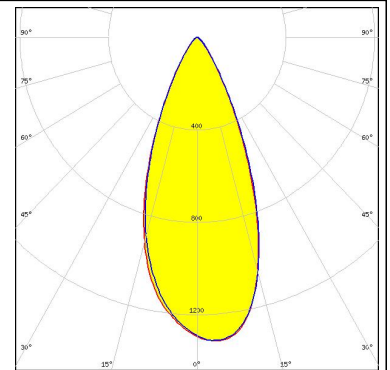
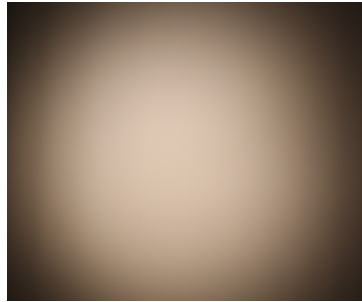
LED XQ-E HI
 FWHM 42.0°
 Efficiency 87 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



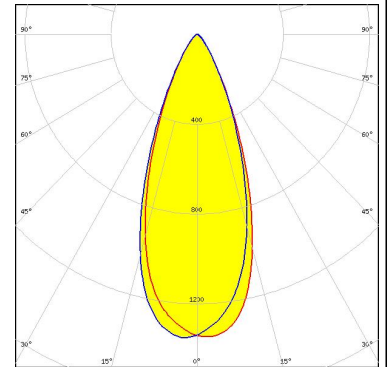
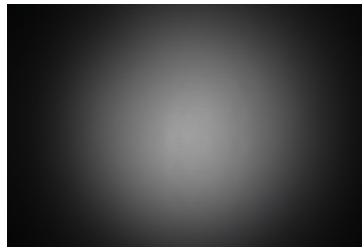
PHOTOMETRIC DATA (MEASURED):



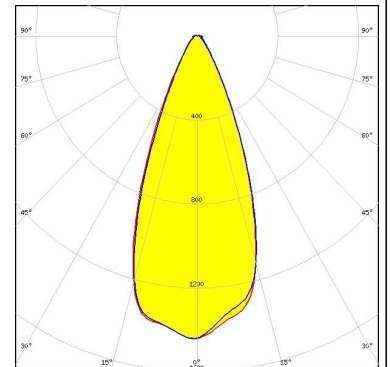
LED XT-E
 FWHM 42.0°
 Efficiency 75 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



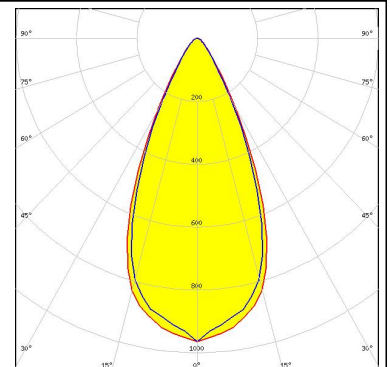
LED LUXEON C
 FWHM 40.0°
 Efficiency 71 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



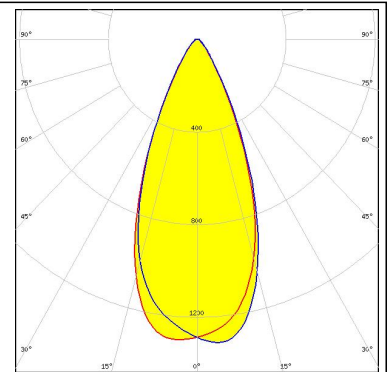
LED LUXEON Rebel
 FWHM 49.0°
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

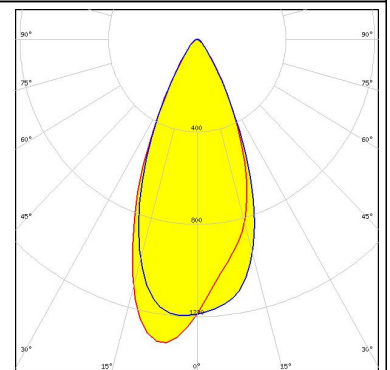
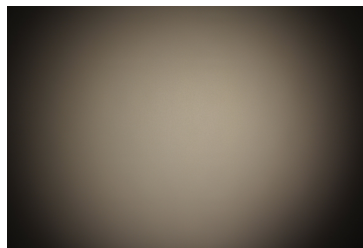
LUMILEDS

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



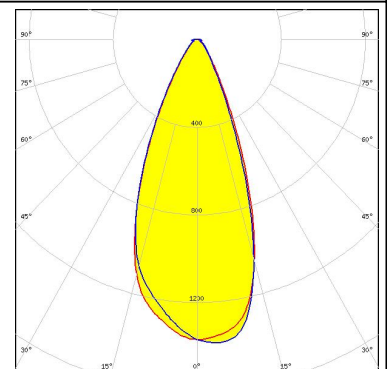
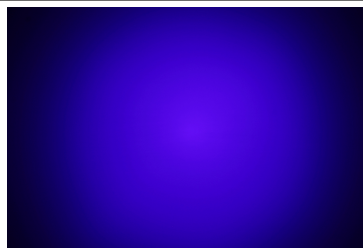
LUMILEDS

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



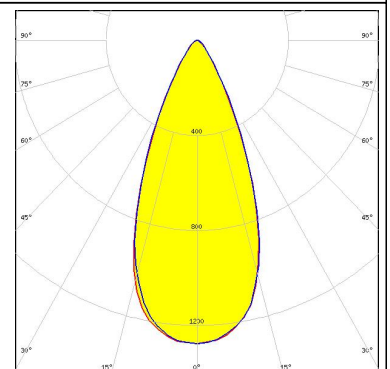
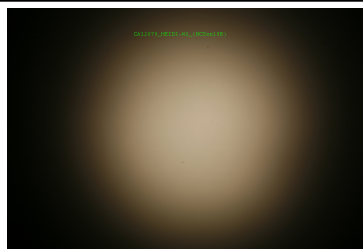
LUMINUS

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



NICHIA

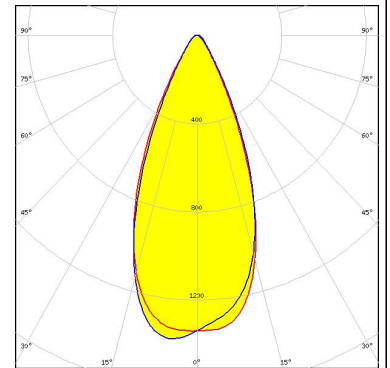
LED NCSxx19B
 FWHM 45.0°
 Efficiency 78 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



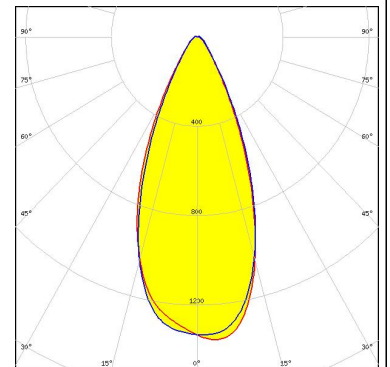
PHOTOMETRIC DATA (MEASURED):



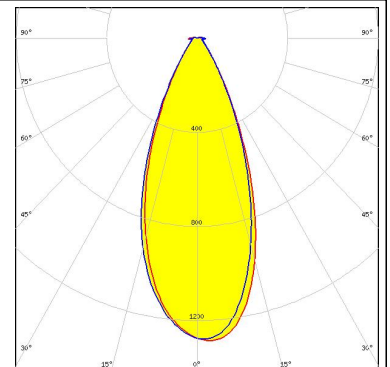
LED NVSW219D
 FWHM 45.0°
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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


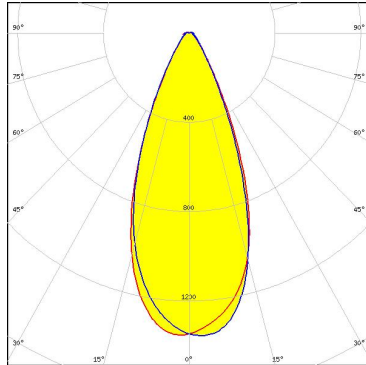
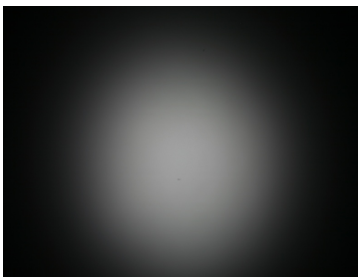
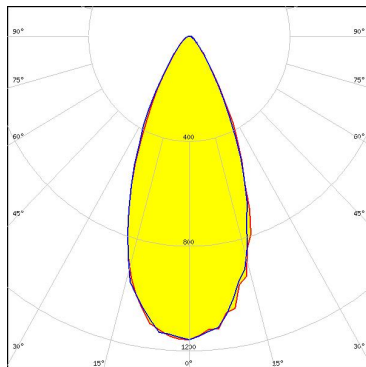

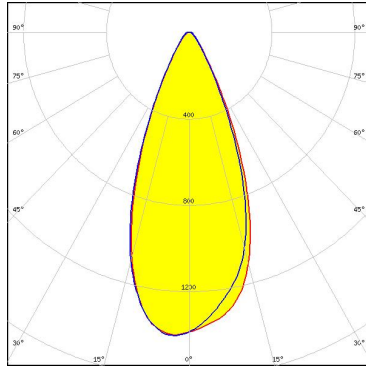




LED NVSW3x9A
 FWHM 42.0°
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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):

<p>NICHIA</p> <p>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:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 44.0° Efficiency 77 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3 FWHM 43.0° Efficiency 91 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON SSL 150 FWHM 40.0° Efficiency 81 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

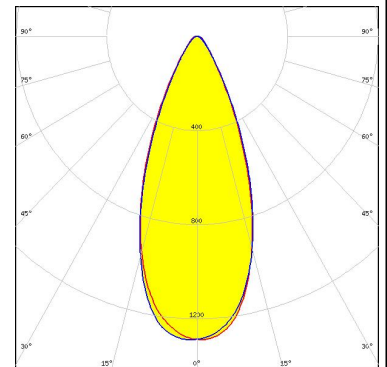
OSRAM

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:

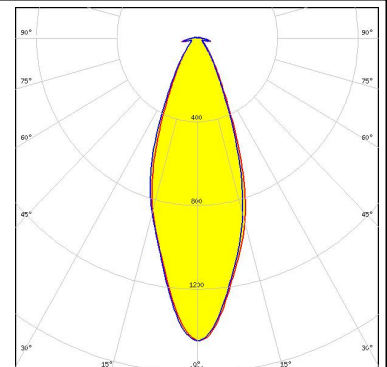
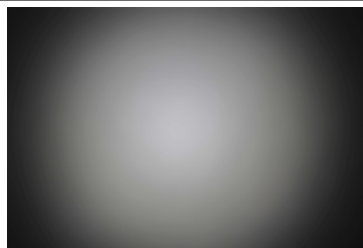
PHILIPS

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:



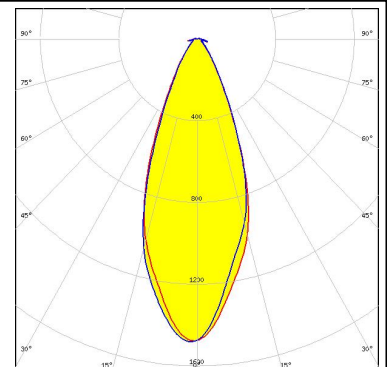
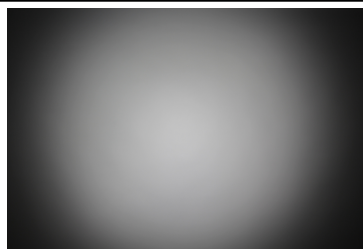
SAMSUNG

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



SAMSUNG

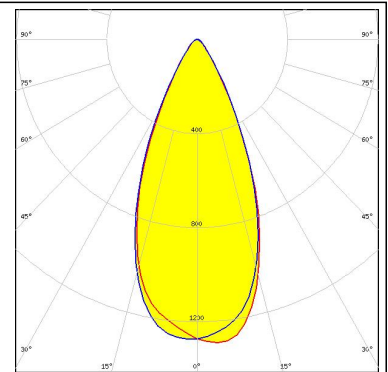
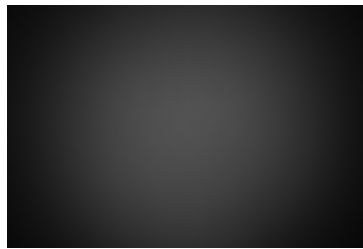
LED LH181B
FWHM 40.0°
Efficiency 90 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

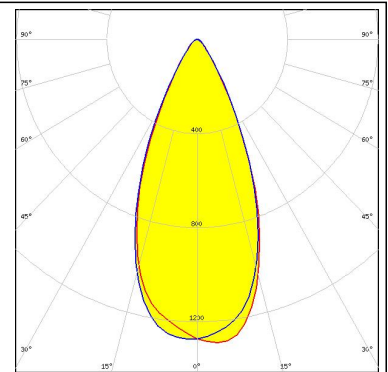
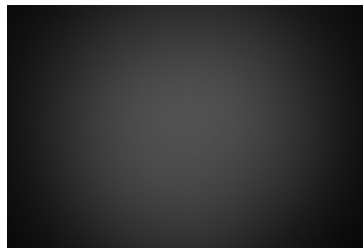
SAMSUNG

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



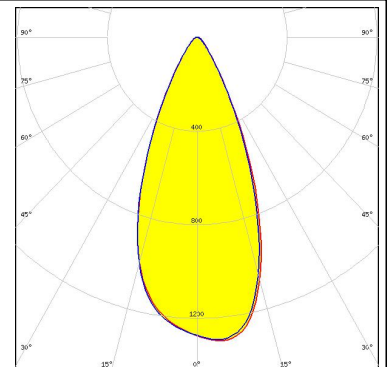
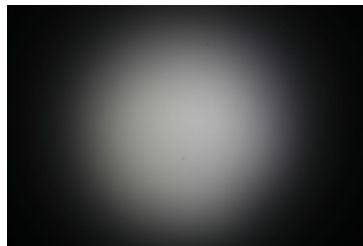
SEOUL SEMICONDUCTOR

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



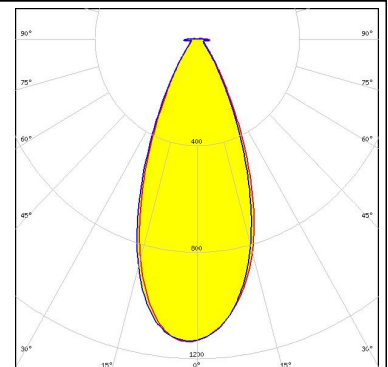
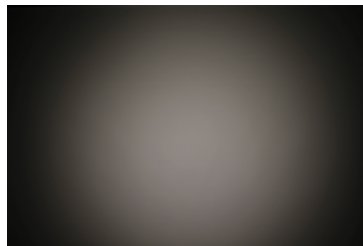
SEOUL SEMICONDUCTOR

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):

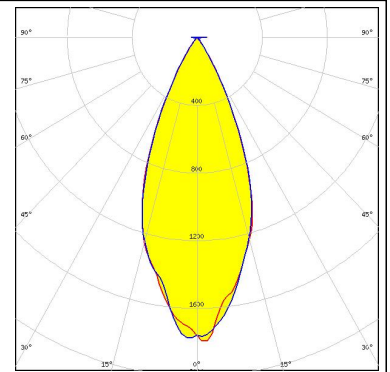
SHARP

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

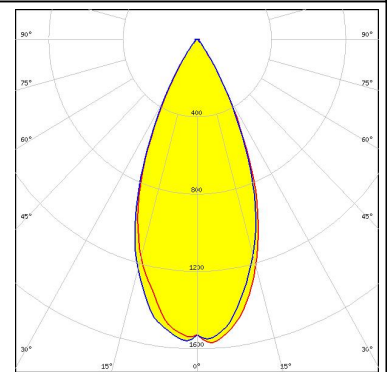
PHOTOMETRIC DATA (SIMULATED):



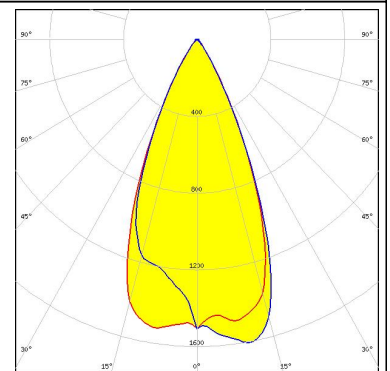
LED XB-D
 FWHM 42.0°
 Efficiency 89 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



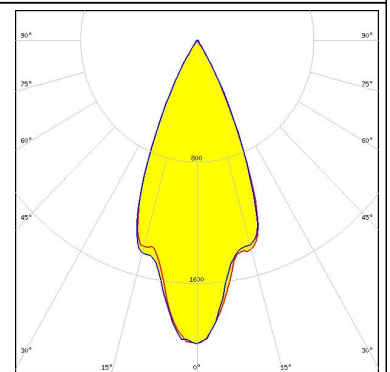
LED XP-G2 HE
 FWHM 45.0°
 Efficiency 92 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



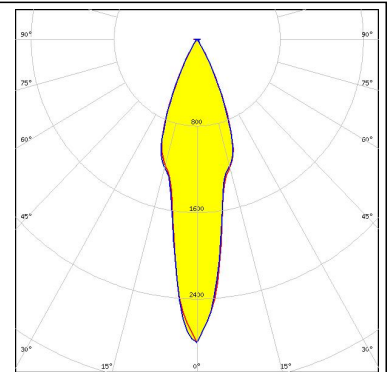
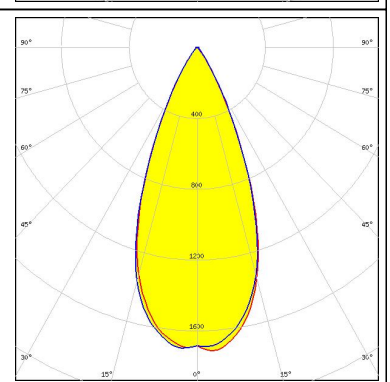
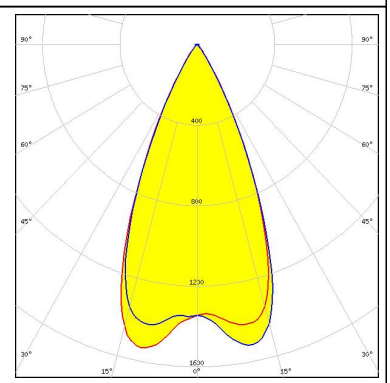
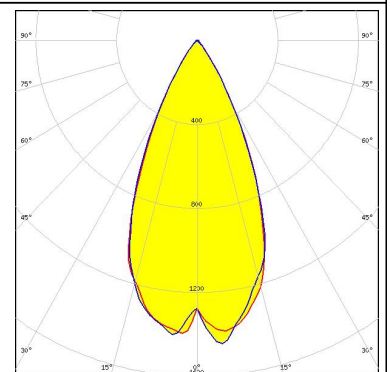
LED LUXEON 3030 HV
 FWHM 46.0°
 Efficiency 93 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



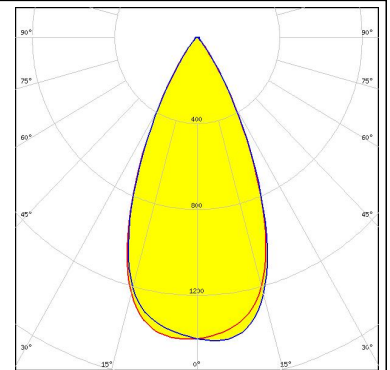
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>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:</p>	
<p>LUMILEDS</p> <p>LED LUXEON Z ES FWHM 43.0° Efficiency 94 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NCSxx19A FWHM 47.0° Efficiency 92 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NV4WB35AM FWHM 48.0° Efficiency 93 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

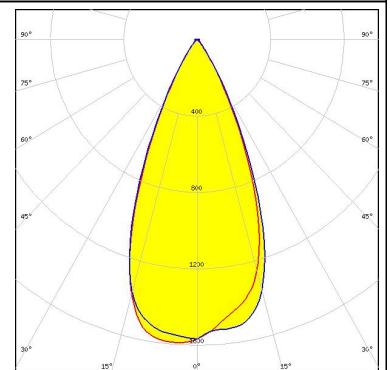
PHOTOMETRIC DATA (SIMULATED):



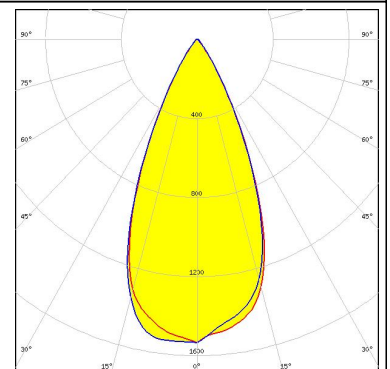
LED NVSxx19B/NVSxx19C
FWHM 48.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



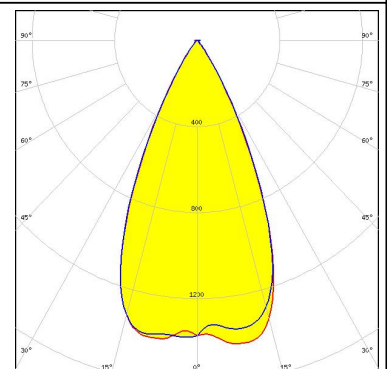
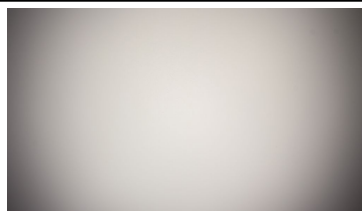
LED OSCONIQ P 3030
FWHM 46.0°
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



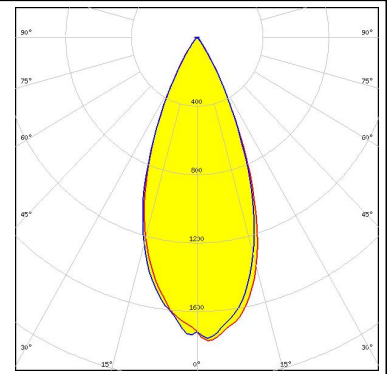
LED OSLOM Square EC
FWHM 48.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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.

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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

Salo, Finland
Hong Kong, China

Distribution Partners

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