


## HEIDI-W2

~45° wide beam

### TECHNICAL SPECIFICATIONS:

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

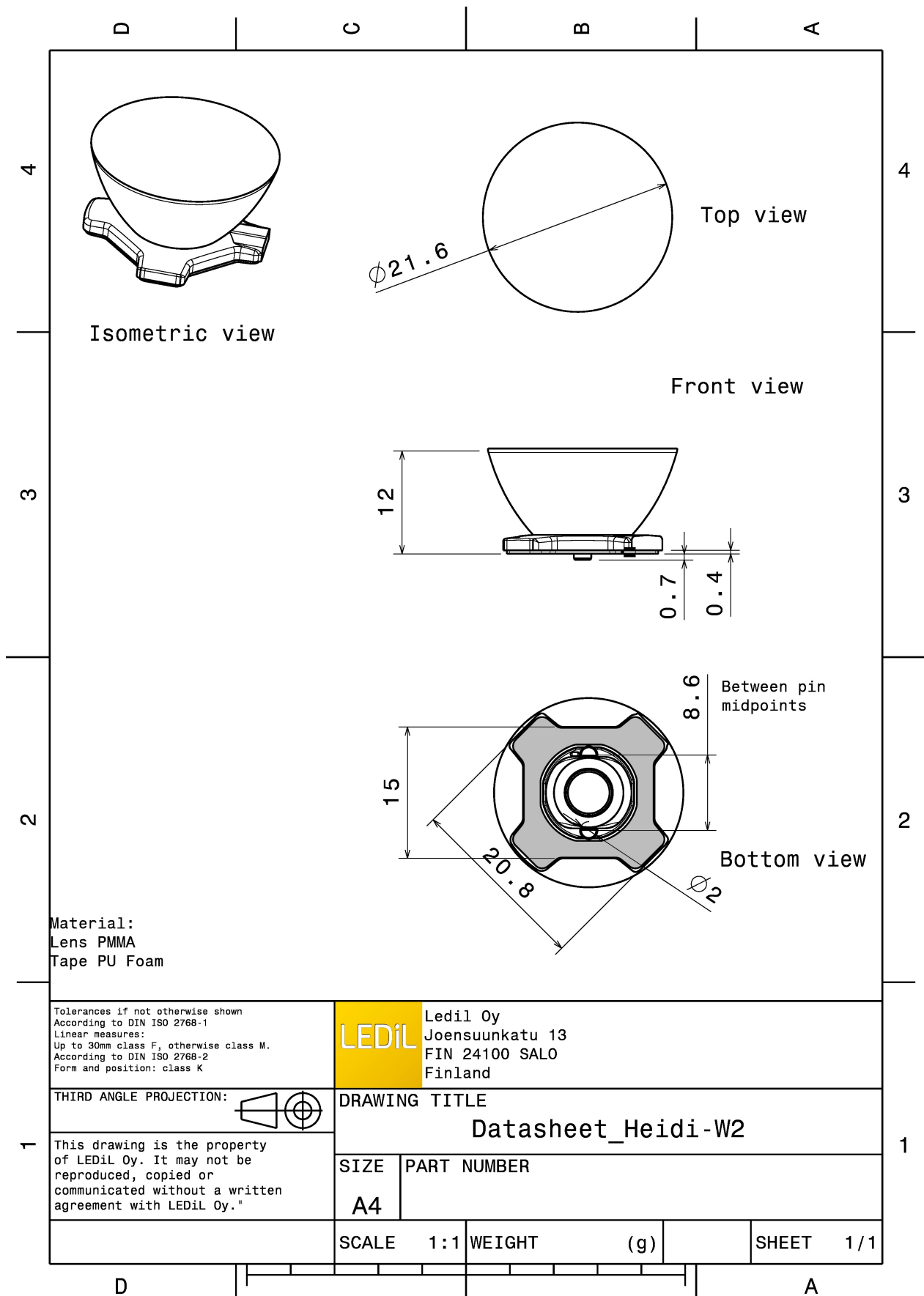
### MATERIAL SPECIFICATIONS:

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					



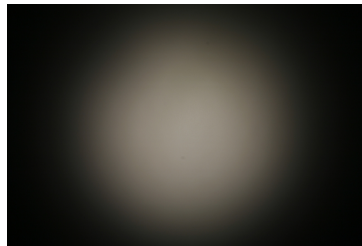
## PHOTOMETRIC DATA (MEASURED):

### CREE

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

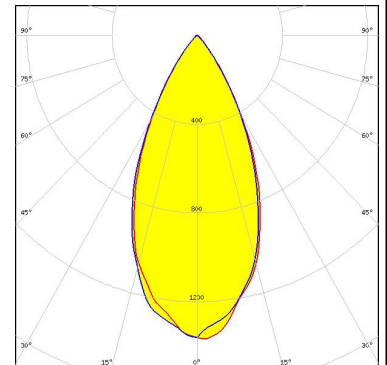
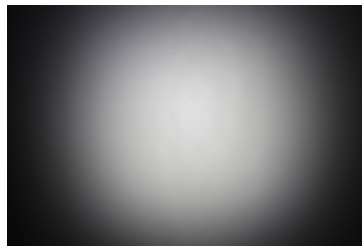
### CREE

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



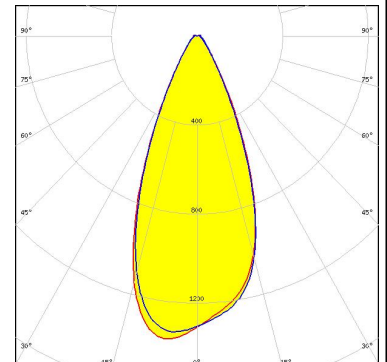
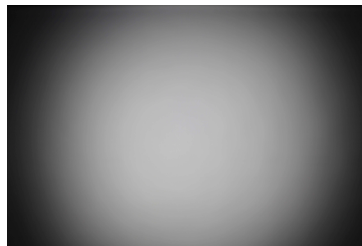
### CREE

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:



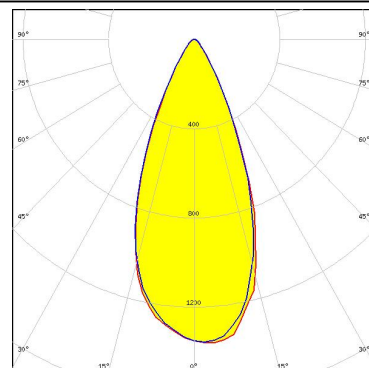
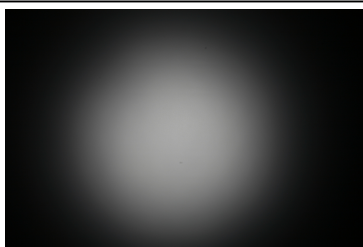
#### PHOTOMETRIC DATA (MEASURED):

#### 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:

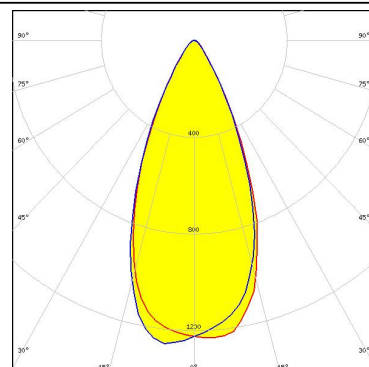
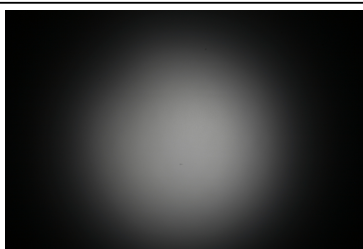


#### CREE

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

#### CREE

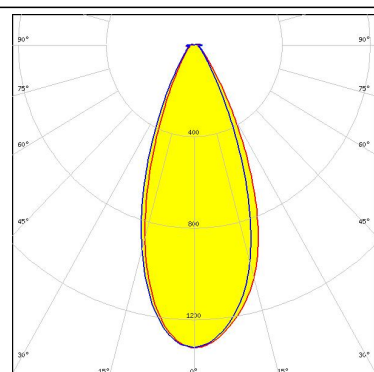
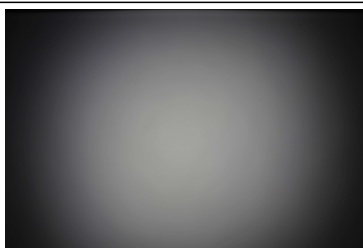
LED XP-G2  
FWHM 46.0°  
Efficiency 80 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



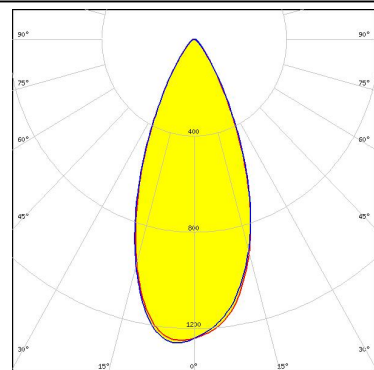
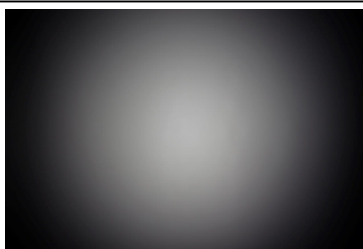
### PHOTOMETRIC DATA (MEASURED):



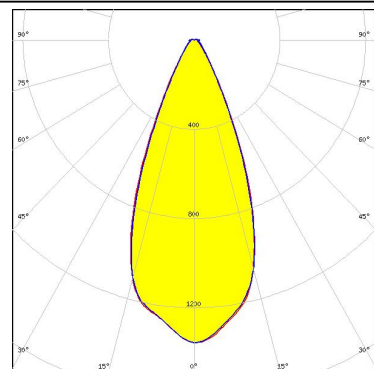
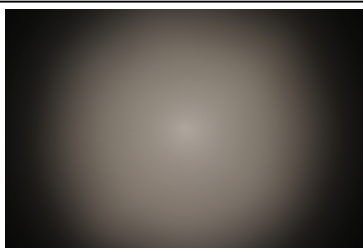
LED XP-G3  
FWHM 42.0°  
Efficiency 91 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



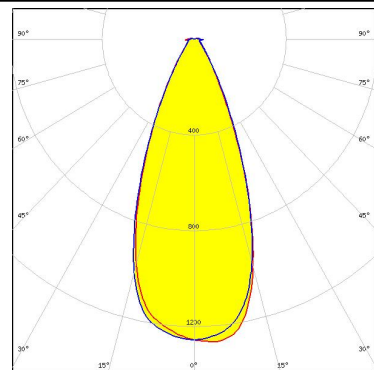
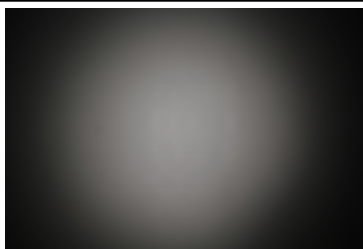
LED XP-L HD  
FWHM 44.0°  
Efficiency 79 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



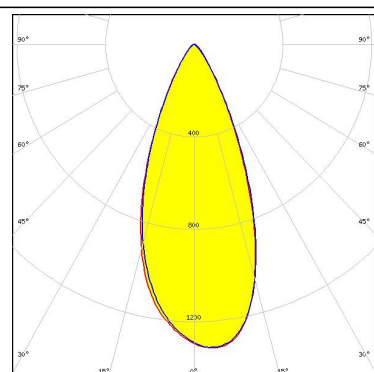
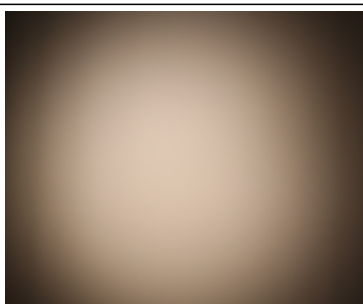
LED XQ-E HI  
FWHM 42.0°  
Efficiency 87 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



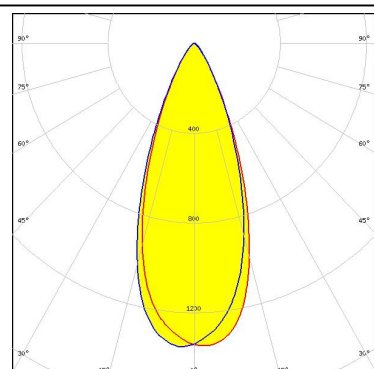
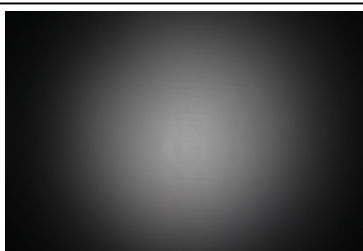
### PHOTOMETRIC DATA (MEASURED):



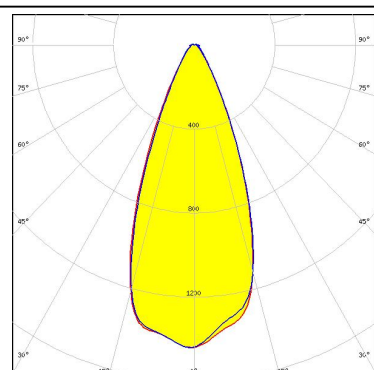
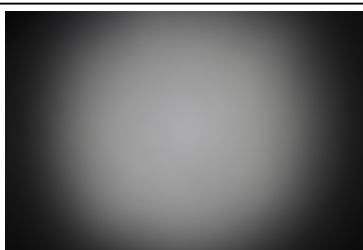
LED XT-E  
FWHM 42.0°  
Efficiency 75 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



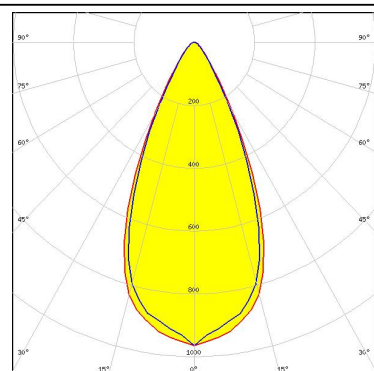
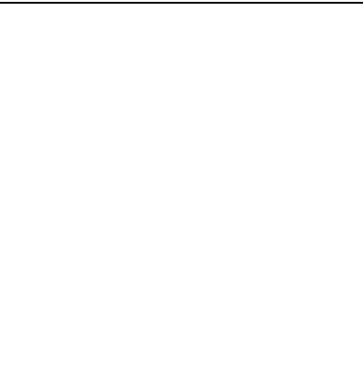
LED LUXEON C  
FWHM 40.0°  
Efficiency 71 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



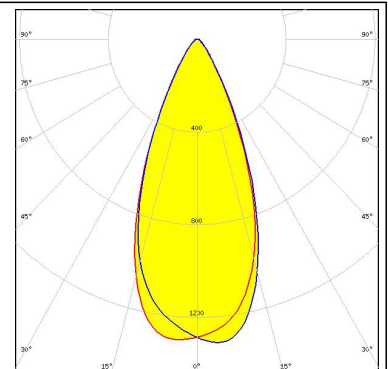
LED LUXEON Rebel  
FWHM 49.0°  
Efficiency 85 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



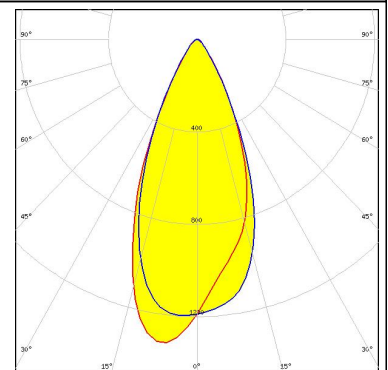
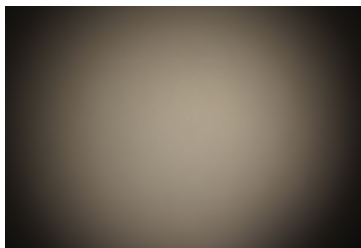
### PHOTOMETRIC DATA (MEASURED):



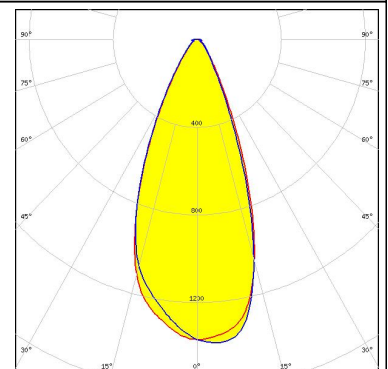
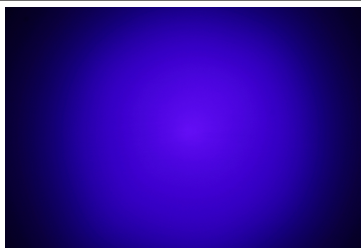
LED LUXEON T  
FWHM 44.0°  
Efficiency 83 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



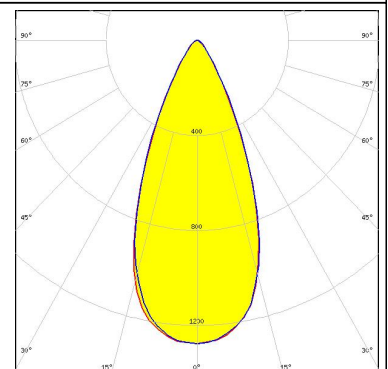
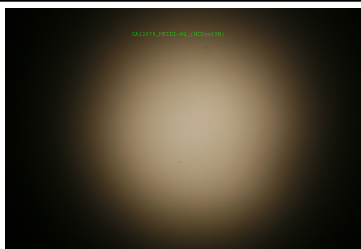
LED LUXEON TX  
FWHM 44.0°  
Efficiency 78 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



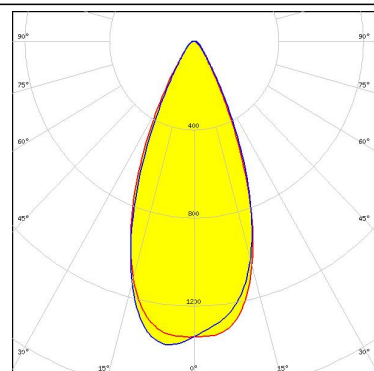
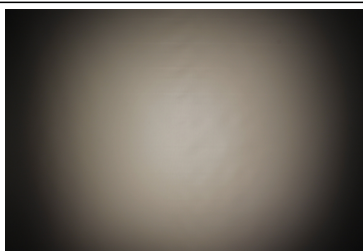
LED NCSxx19B  
FWHM 45.0°  
Efficiency 78 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



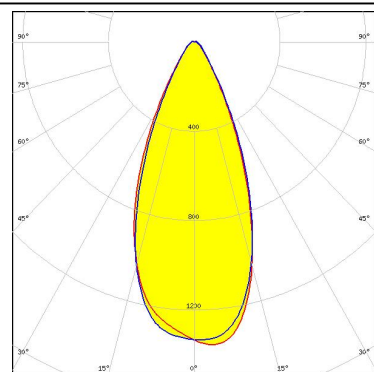
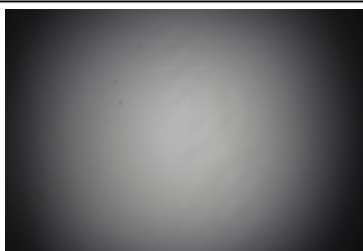
### PHOTOMETRIC DATA (MEASURED):



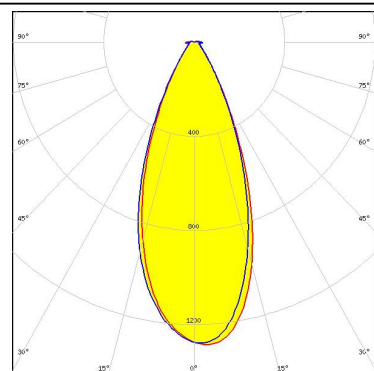
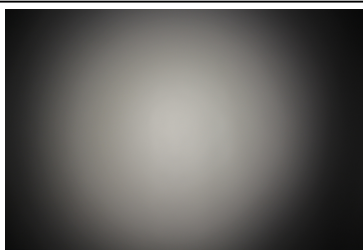
LED NVSW219D  
FWHM 45.0°  
Efficiency 93 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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:



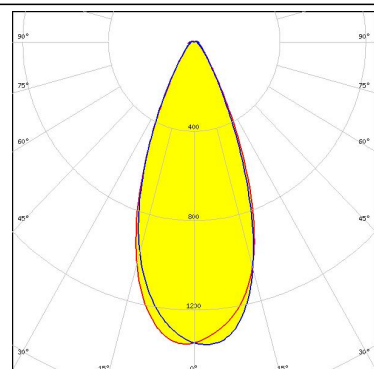
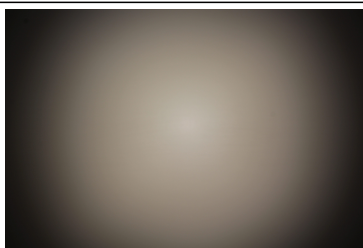
LED NVSxx19A  
FWHM 48.0°  
Efficiency 79 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



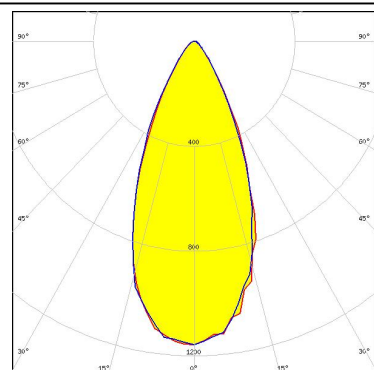
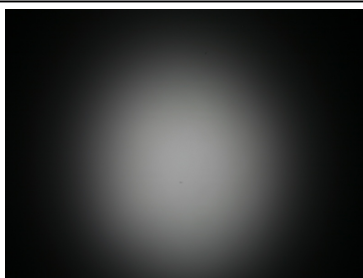
#### PHOTOMETRIC DATA (MEASURED):



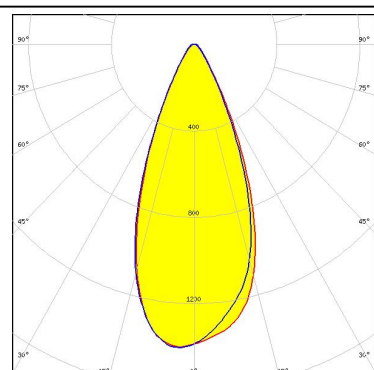
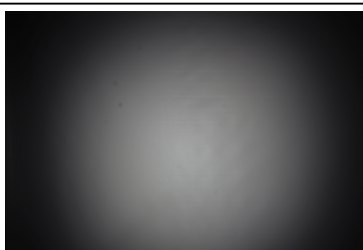
LED NVSxx19B/NVSxx19C  
 FWHM 44.0 + 43.0°  
 Efficiency 91 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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



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



LED OSLON 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):

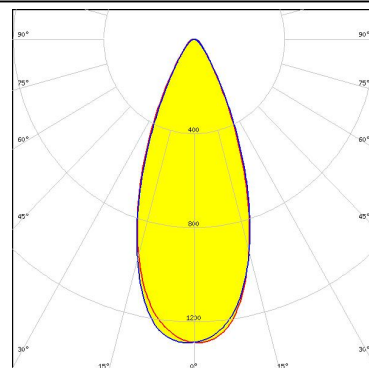
#### OSRAM

Opto Semiconductors

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

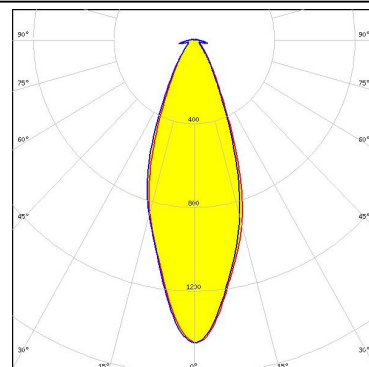
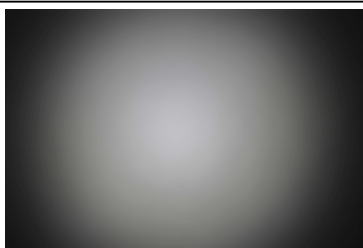
#### PHILIPS

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:



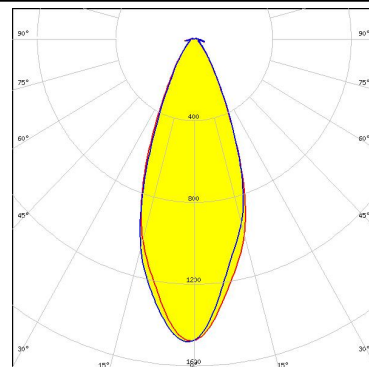
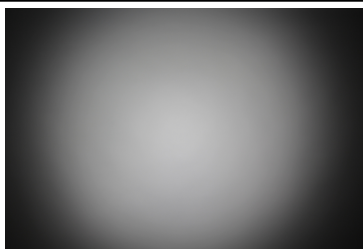
#### SAMSUNG

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



#### SAMSUNG

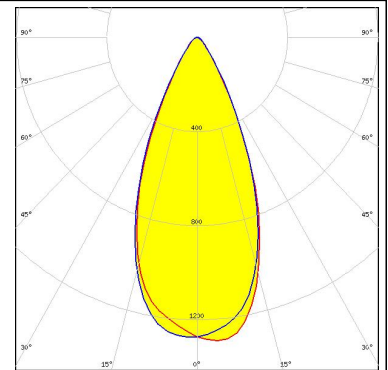
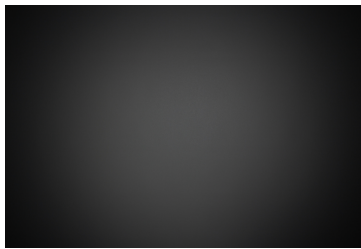
LED LH181B  
FWHM 40.0°  
Efficiency 90 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### 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:



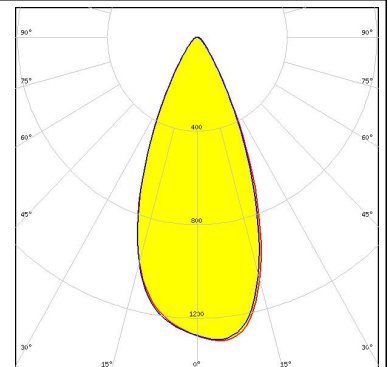
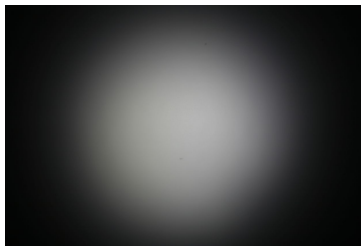
SEOUL SEMICONDUCTOR

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



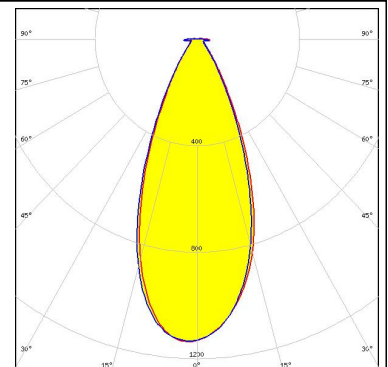
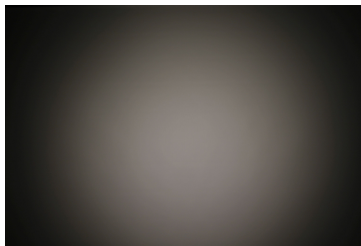
SEOUL SEMICONDUCTOR

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):

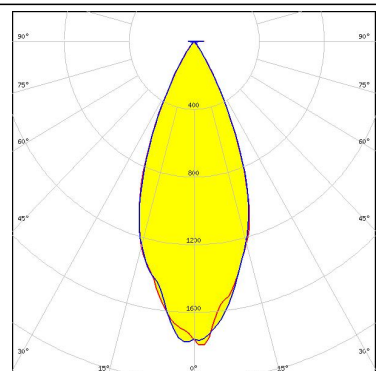
**SHARP**

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

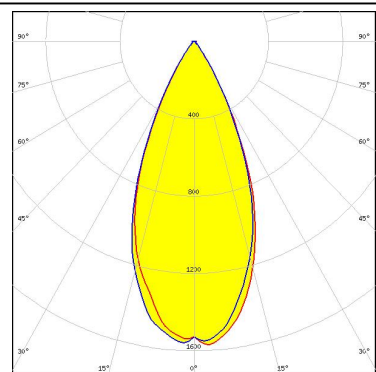
### PHOTOMETRIC DATA (SIMULATED):



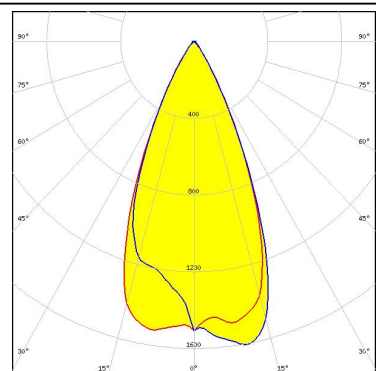
LED XB-D  
FWHM 42.0°  
Efficiency 89 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



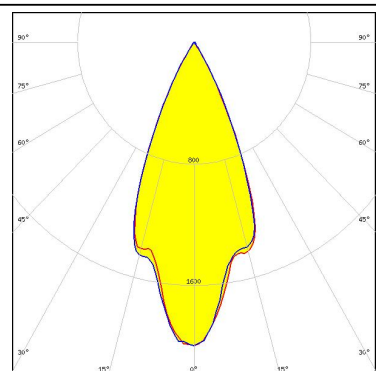
LED XP-G2 HE  
FWHM 45.0°  
Efficiency 92 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



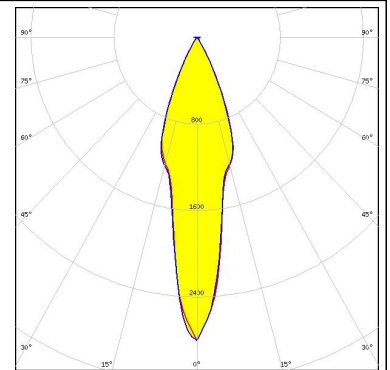
LED LUXEON SunPlus 20 Line (120 deg)  
FWHM 44.0°  
Efficiency 95 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



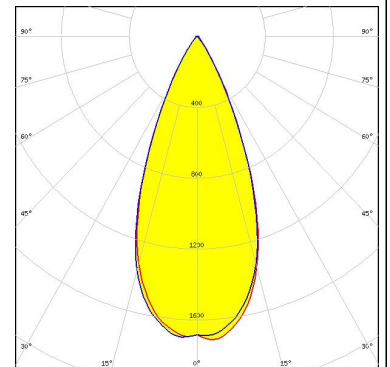
### PHOTOMETRIC DATA (SIMULATED):



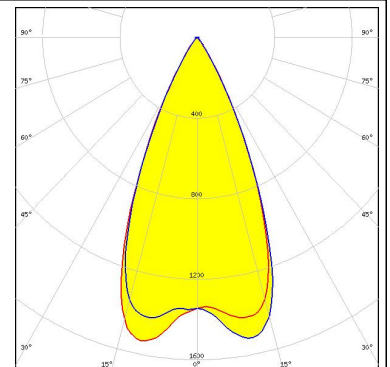
LED LUXEON SunPlus 20 Line (150 deg)  
 FWHM 21.0°  
 Efficiency 88 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



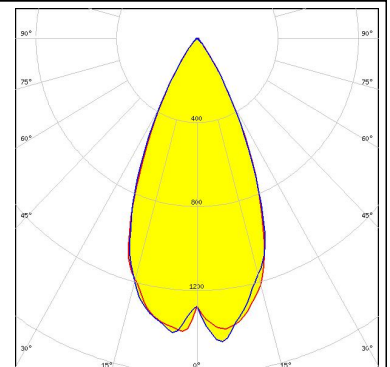
LED LUXEON Z ES  
 FWHM 43.0°  
 Efficiency 94 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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



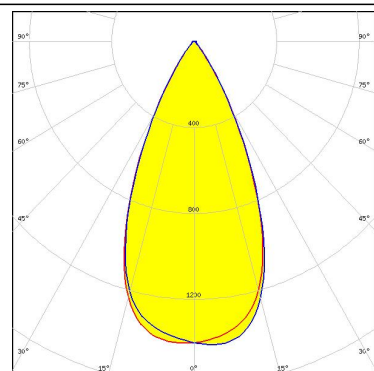
LED NV4WB35AM  
 FWHM 48.0°  
 Efficiency 93 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



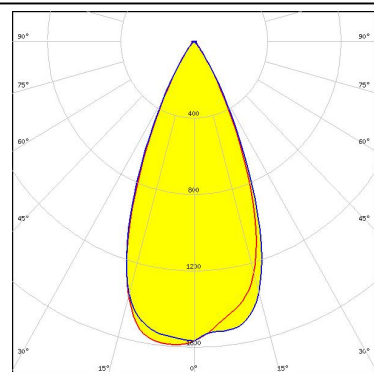
#### PHOTOMETRIC DATA (SIMULATED):



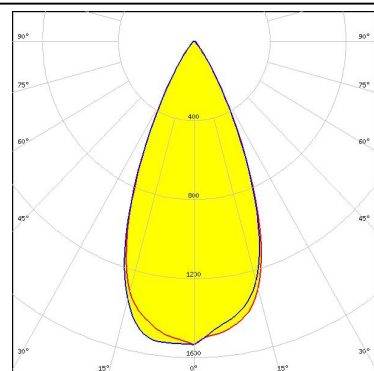
LED NVSxx19B/NVSxx19C  
 FWHM 48.0°  
 Efficiency 94 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



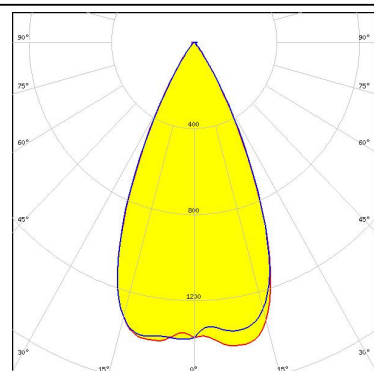
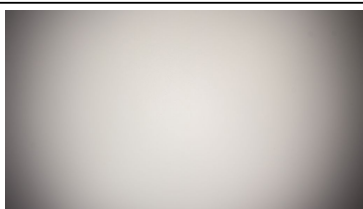
LED OSCONIQ P 3030  
 FWHM 46.0°  
 Efficiency 93 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



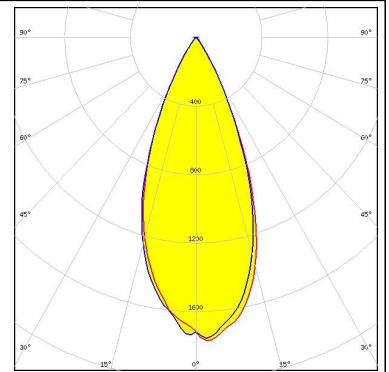
LED OSLON Square EC  
 FWHM 48.0°  
 Efficiency 94 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSLON SSL 80
FWHM	42.0°
Efficiency	90 %
Peak intensity	1.8 cd/Im
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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