

HEIDI-W2

~45° wide beam

TECHNICAL SPECIFICATIONS:

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

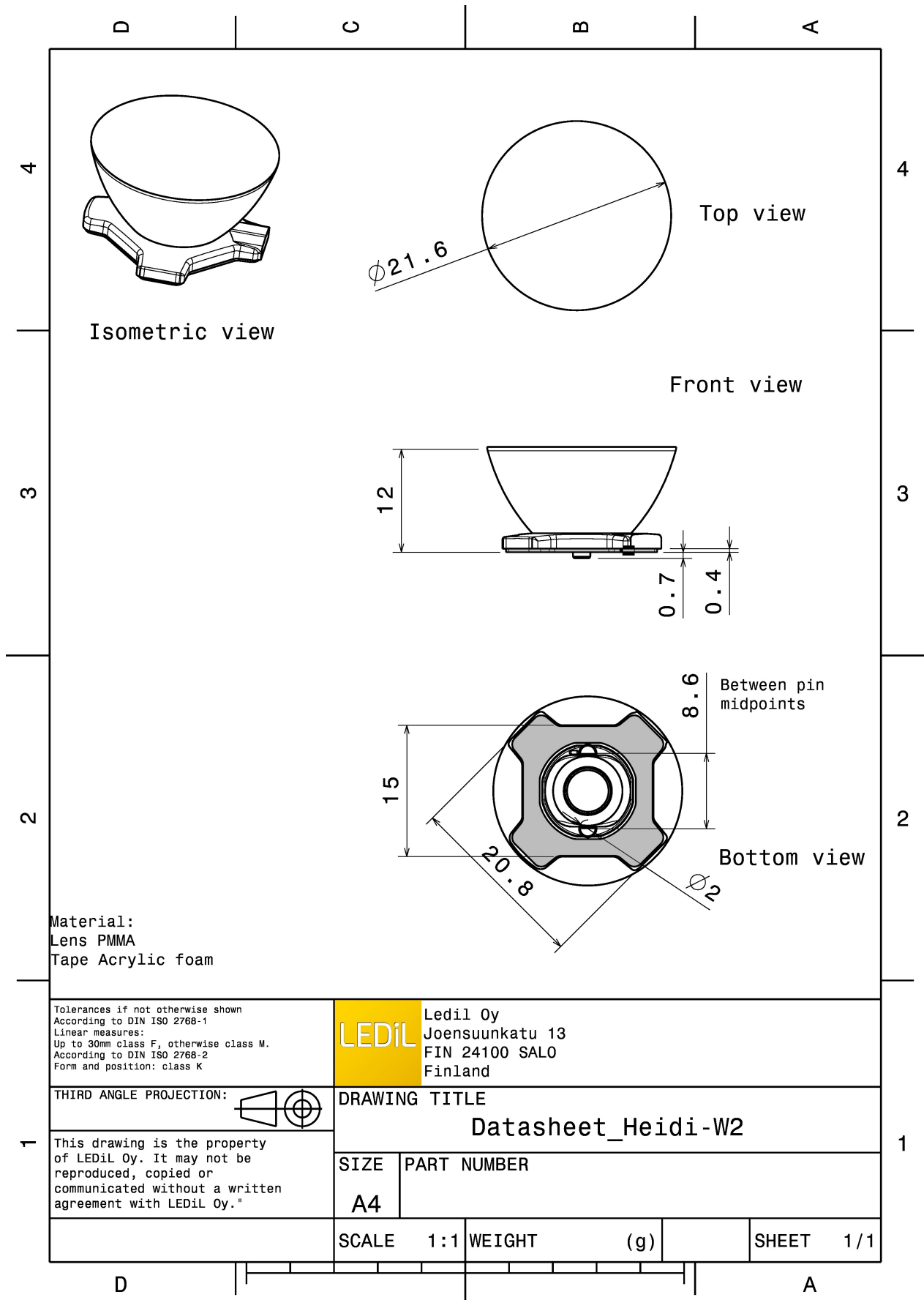


MATERIAL SPECIFICATIONS:

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					



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

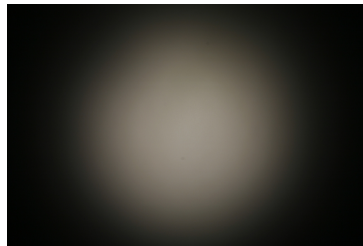
PHOTOMETRIC DATA (MEASURED):

CREE LED

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

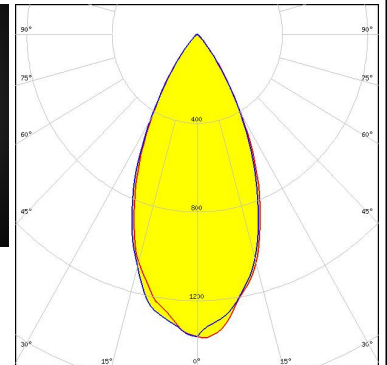
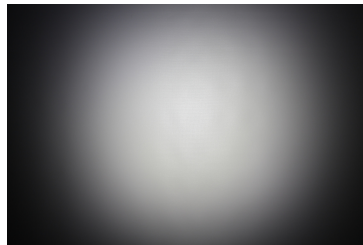
CREE LED

LED XB-H
 FWHM / FWTM 45.0° / 76.0°
 Efficiency 80 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



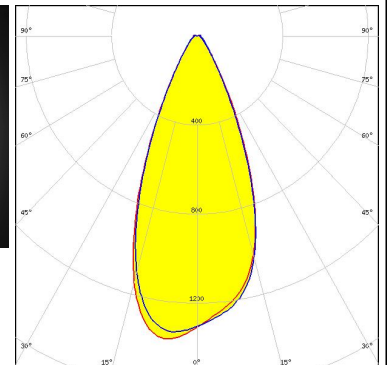
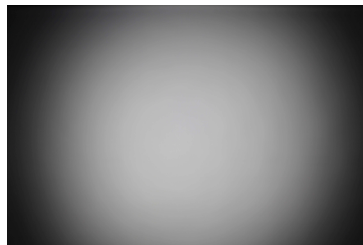
CREE LED

LED XHP35 HD
 FWHM / FWTM 46.0° / 80.0°
 Efficiency 81 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XHP35 HI
 FWHM / FWTM 44.0° / 72.0°
 Efficiency 91 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



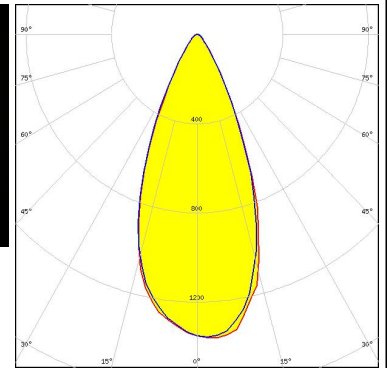
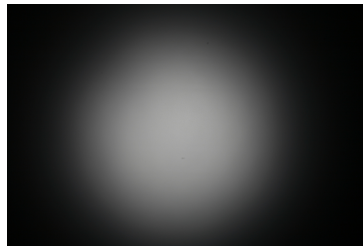
PHOTOMETRIC DATA (MEASURED):

CREE → LED

LED XP-E
 FWHM / FWTM 44.0° / 70.0°
 Efficiency 81 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED

LED XP-E2
 FWHM / FWTM 45.0° / 72.0°
 Efficiency 81 %
 Peak intensity 1.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

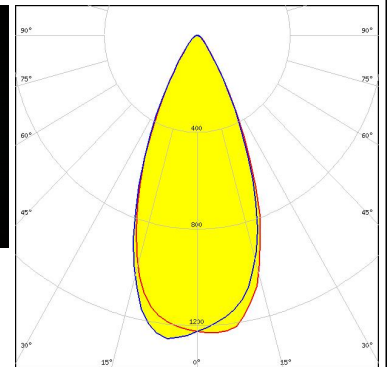
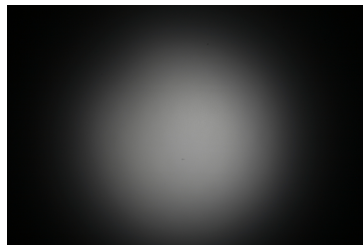


CREE → LED


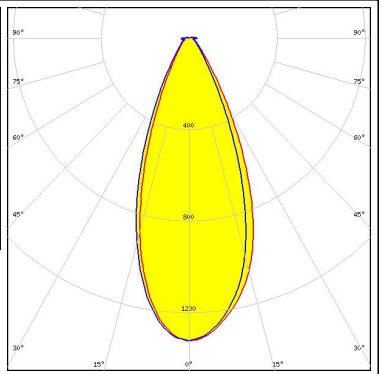

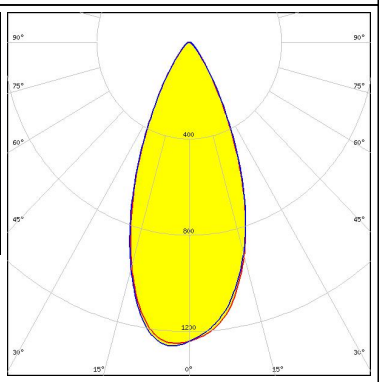

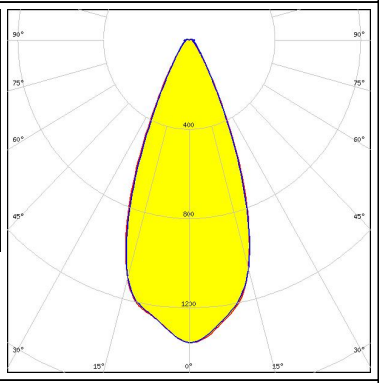

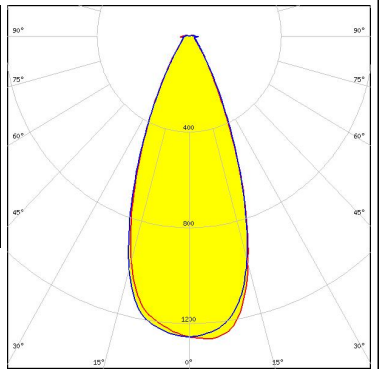
LED XP-G
 FWHM / FWTM 44.0° / 72.0°
 Efficiency 81 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED


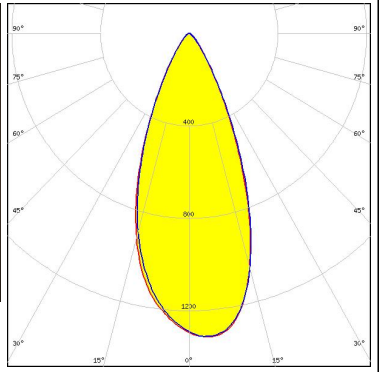

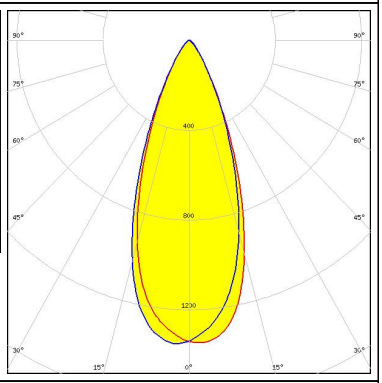

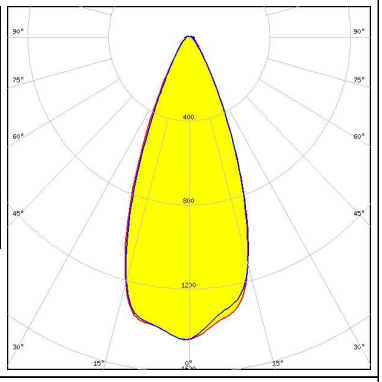

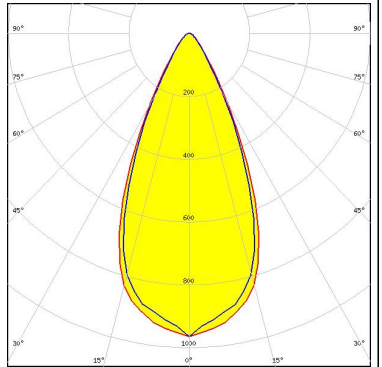
LED XP-G2
 FWHM / FWTM 46.0° / 74.0°
 Efficiency 80 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>CREE ⇄ LED</p> <p>LED XP-G3 FWHM / FWTM 42.0° / 73.0° Efficiency 91 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XP-L HD FWHM / FWTM 44.0° / 74.0° Efficiency 79 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XQ-E HD FWHM / FWTM 44.0° / 70.0° Efficiency 91 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XQ-E HI FWHM / FWTM 42.0° / 72.0° Efficiency 87 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

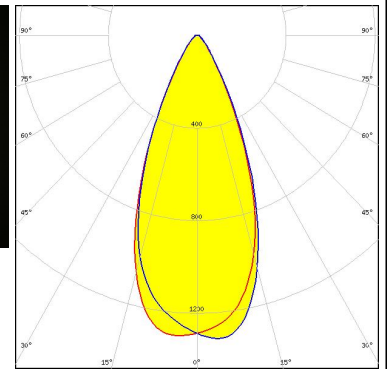
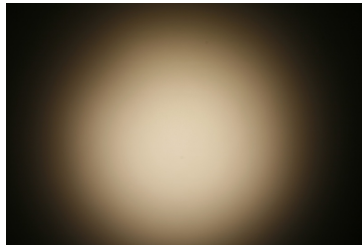
PHOTOMETRIC DATA (MEASURED):

<p>CREE LED</p> <p>LED XT-E FWHM / FWTM 42.0° / 71.0° Efficiency 75 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON C FWHM / FWTM 40.0° / 69.0° Efficiency 71 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON CZ FWHM / FWTM 42.0° / 70.0° Efficiency 93 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel FWHM / FWTM 49.0° / 76.0° Efficiency 85 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

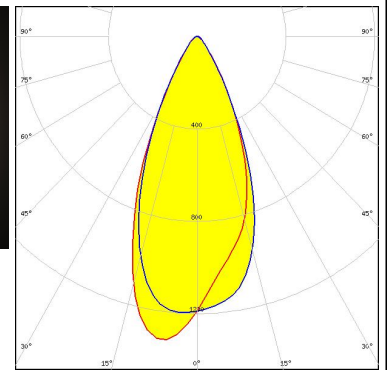
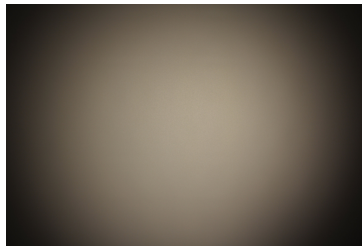
LUMILEDS

LED LUXEON T
 FWHM / FWTM 44.0° / 72.0°
 Efficiency 83 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



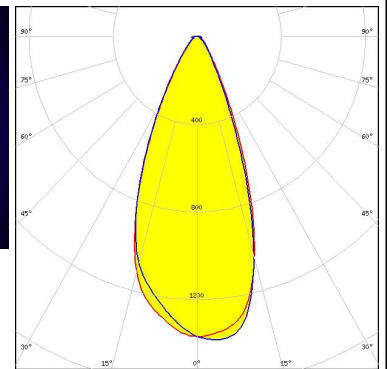
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 44.0° / 74.0°
 Efficiency 78 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



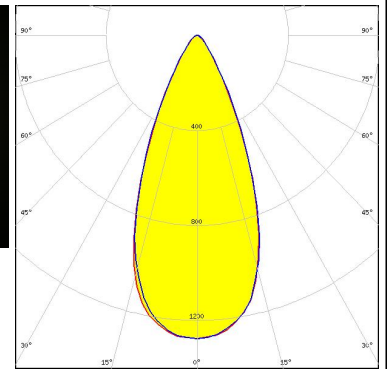
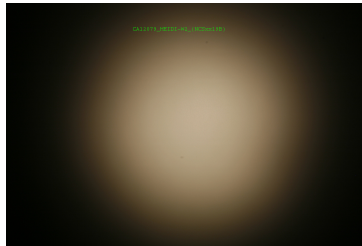
LUMINUS

LED SST-10-B130
 FWHM / FWTM 43.0° / 72.0°
 Efficiency 90 %
 Peak intensity 1.4 cd/m
 LEDs/each optic 1
 Light colour Blue
 Required components:


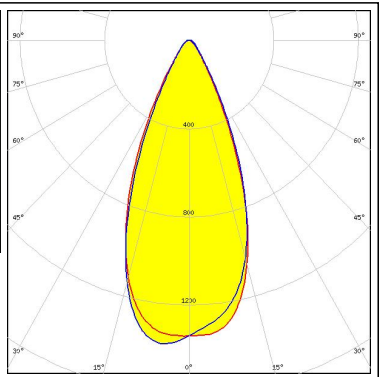

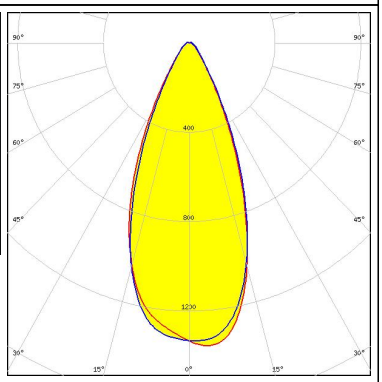

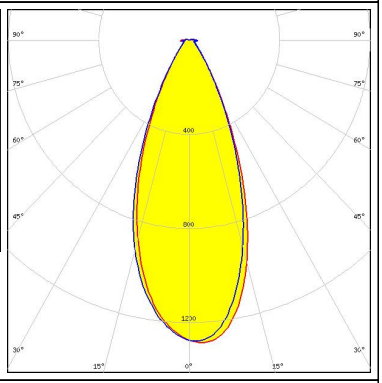

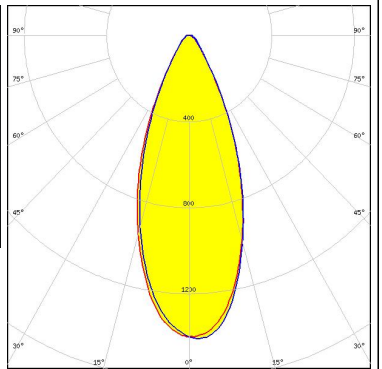


NICHIA

LED NCSxx19B
 FWHM / FWTM 45.0° / 74.0°
 Efficiency 78 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSW219D FWHM / FWTM 45.0° / 72.0° Efficiency 93 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW319B FWHM / FWTM 44.0° / 73.0° Efficiency 91 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW3x9A FWHM / FWTM 42.0° / 75.0° Efficiency 88 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 41.0° / 73.0° Efficiency 91 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

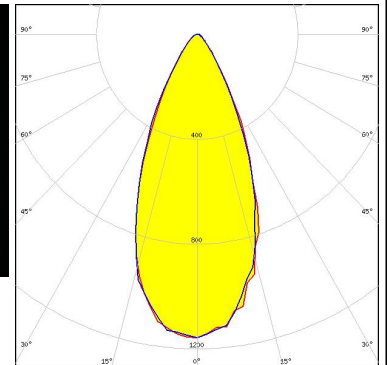
PHOTOMETRIC DATA (MEASURED):



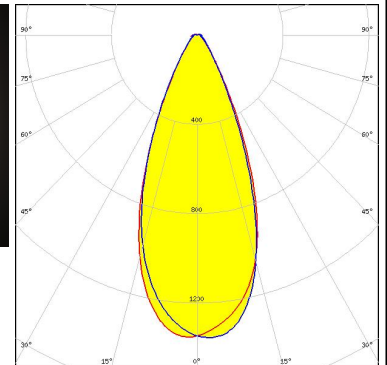
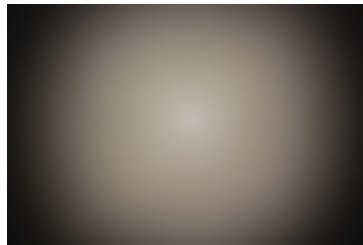
LED NVSxx19A
 FWHM / FWTM 48.0° / 78.0°
 Efficiency 79 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



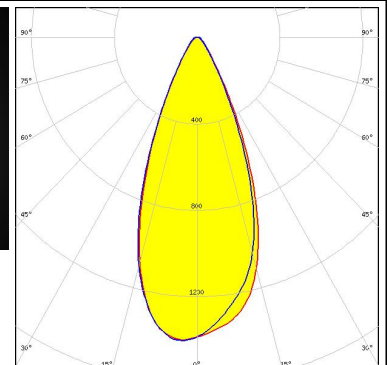
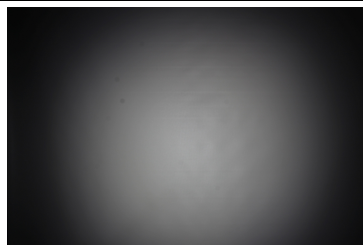
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 44.0° / 76.0°
 Efficiency 77 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 44.0 + 43.0° / 73.0°
 Efficiency 91 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM Opto Semiconductors
 LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 43.0° / 71.0°
 Efficiency 91 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLOM SSL 150
FWHM / FWTM 40.0° / 67.0°
Efficiency 81 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

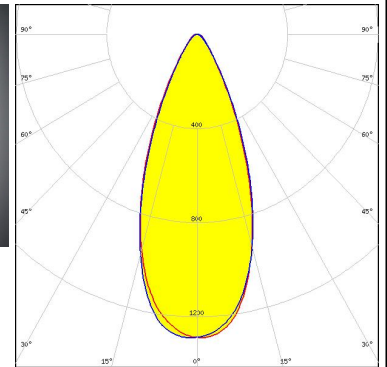
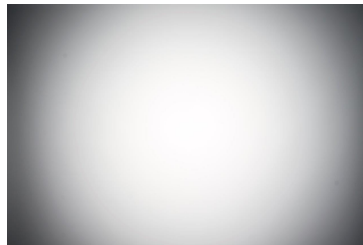
OSRAM

Opto Semiconductors

LED OSLOM SSL 80
FWHM / FWTM 47.0° / 76.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

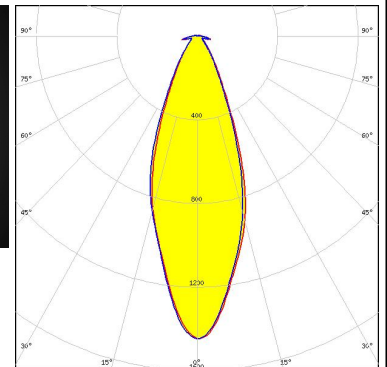
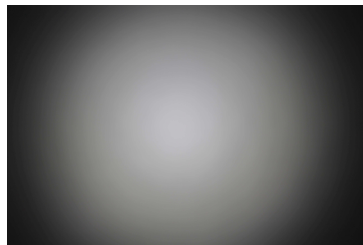
PHILIPS

LED Fortimo FastFlex 2x8 DS G3
FWHM / FWTM 42.0° / 73.0°
Efficiency 81 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

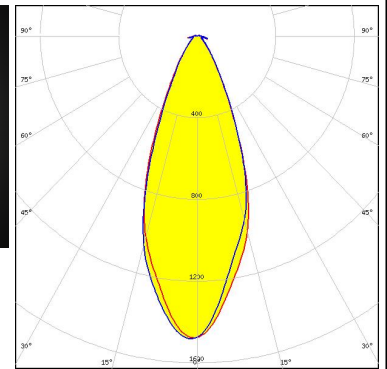
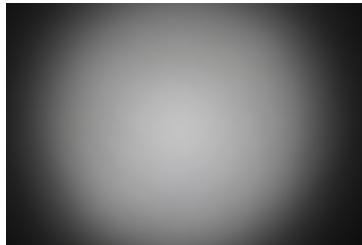
LED LH181A
FWHM / FWTM 38.0° / 71.0°
Efficiency 87 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

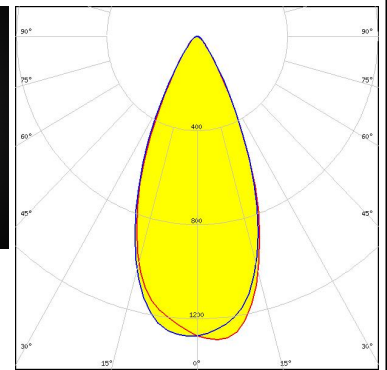
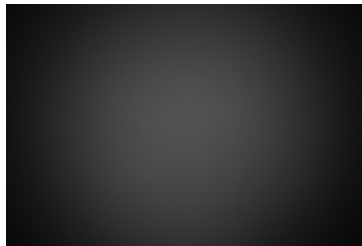
SAMSUNG

LED LH181B
 FWHM / FWTM 40.0° / 72.0°
 Efficiency 90 %
 Peak intensity 1.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351Z
 FWHM / FWTM 46.0° / 74.0°
 Efficiency 82 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



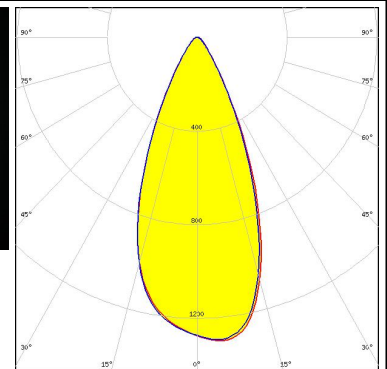
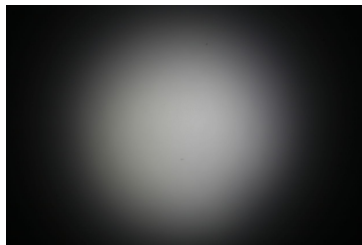
SEOUL SEMICONDUCTOR

LED Z5
 FWHM / FWTM 44.0° / 73.0°
 Efficiency 76 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:


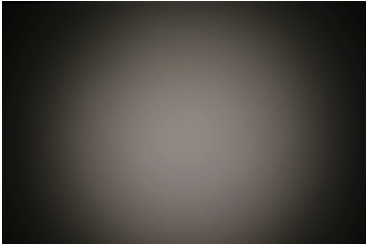
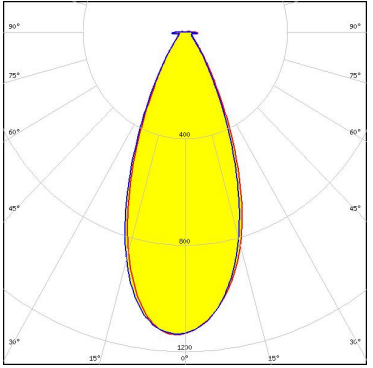


SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 44.0° / 73.0°
 Efficiency 83 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



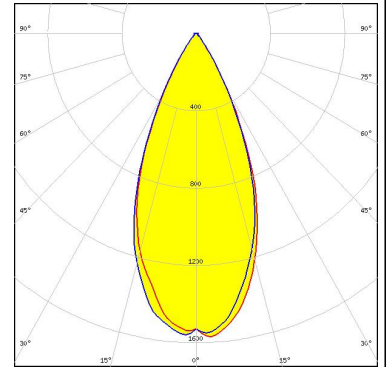
PHOTOMETRIC DATA (MEASURED):

			
SEOL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM / FWTM	43.0° / 77.0°		
Efficiency	81 %		
Peak intensity	1.1 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
SHARP			
LED	Double Dome (GM2BB)		
FWHM / FWTM	44.0°		
Efficiency	%		
LEDs/each optic	1		
Light colour	White		
Required components:			

PHOTOMETRIC DATA (SIMULATED):

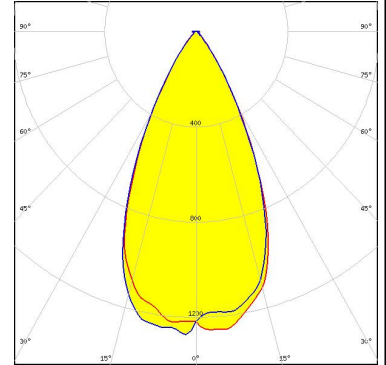
CREE LED

LED XP-G2 HE
 FWHM / FWTM 45.0° / 70.0°
 Efficiency 92 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



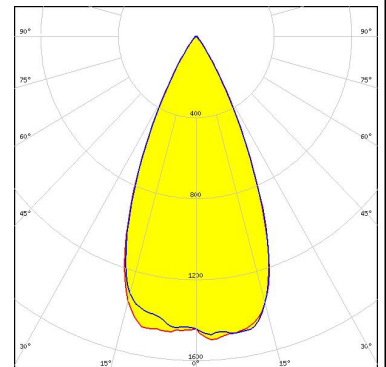
CREE LED

LED XP-L2
 FWHM / FWTM 50.0° / 76.0°
 Efficiency 93 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



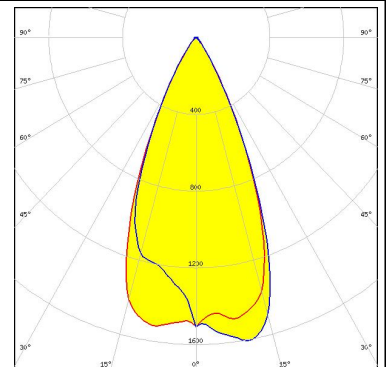
LUMILEDS

LED LUXEON 3030 HE Plus
 FWHM / FWTM 48.0° / 68.0°
 Efficiency 95 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON 3030 HV
 FWHM / FWTM 46.0° / 67.0°
 Efficiency 93 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



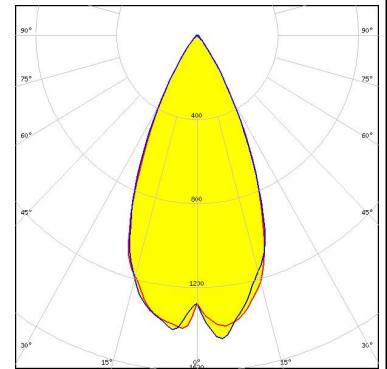
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (120 deg)</p> <p>FWHM / FWTM 44.0° / 62.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (150 deg)</p> <p>FWHM / FWTM 21.0° / 58.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON Z ES</p> <p>FWHM / FWTM 43.0° / 67.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NCSxx19A</p> <p>FWHM / FWTM 47.0° / 66.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

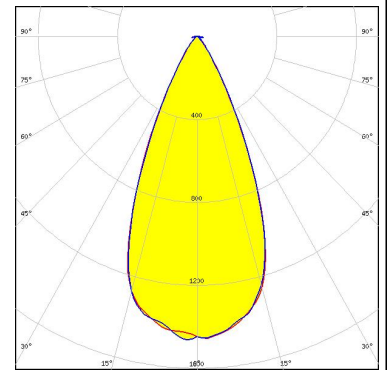
PHOTOMETRIC DATA (SIMULATED):



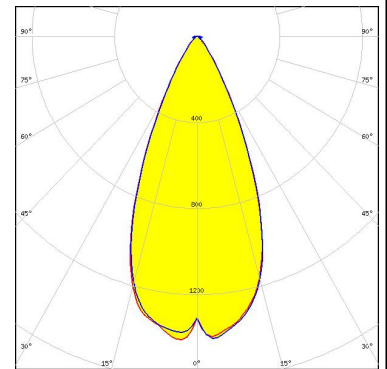
LED NV4WB35AM
 FWHM / FWTM 48.0° / 72.0°
 Efficiency 93 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



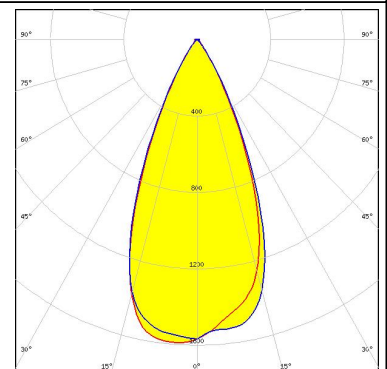
LED NVSxE21A
 FWHM / FWTM 46.0° / 70.0°
 Efficiency 93 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxE21A
 FWHM / FWTM 46.0° / 72.0°
 Efficiency 92 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3030
 FWHM / FWTM 46.0° / 68.0°
 Efficiency 93 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM <small>Opto Semiconductors</small>	<p>LED OSCONIQ P 3737 Flat</p> <p>FWHM / FWTM 47.0° / 70.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
OSRAM <small>Opto Semiconductors</small>	<p>LED OSOLON Square EC</p> <p>FWHM / FWTM 48.0° / 68.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
OSRAM <small>Opto Semiconductors</small>	<p>LED SFH 4170S</p> <p>FWHM / FWTM 41.0° / 64.0°</p> <p>Efficiency 87 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>		
OSRAM <small>Opto Semiconductors</small>	<p>LED SFH 4716AS</p> <p>FWHM / FWTM 41.0° / 64.0°</p> <p>Efficiency 93 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>		

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:

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