

EMILY-W

~40° wide beam 14.74 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

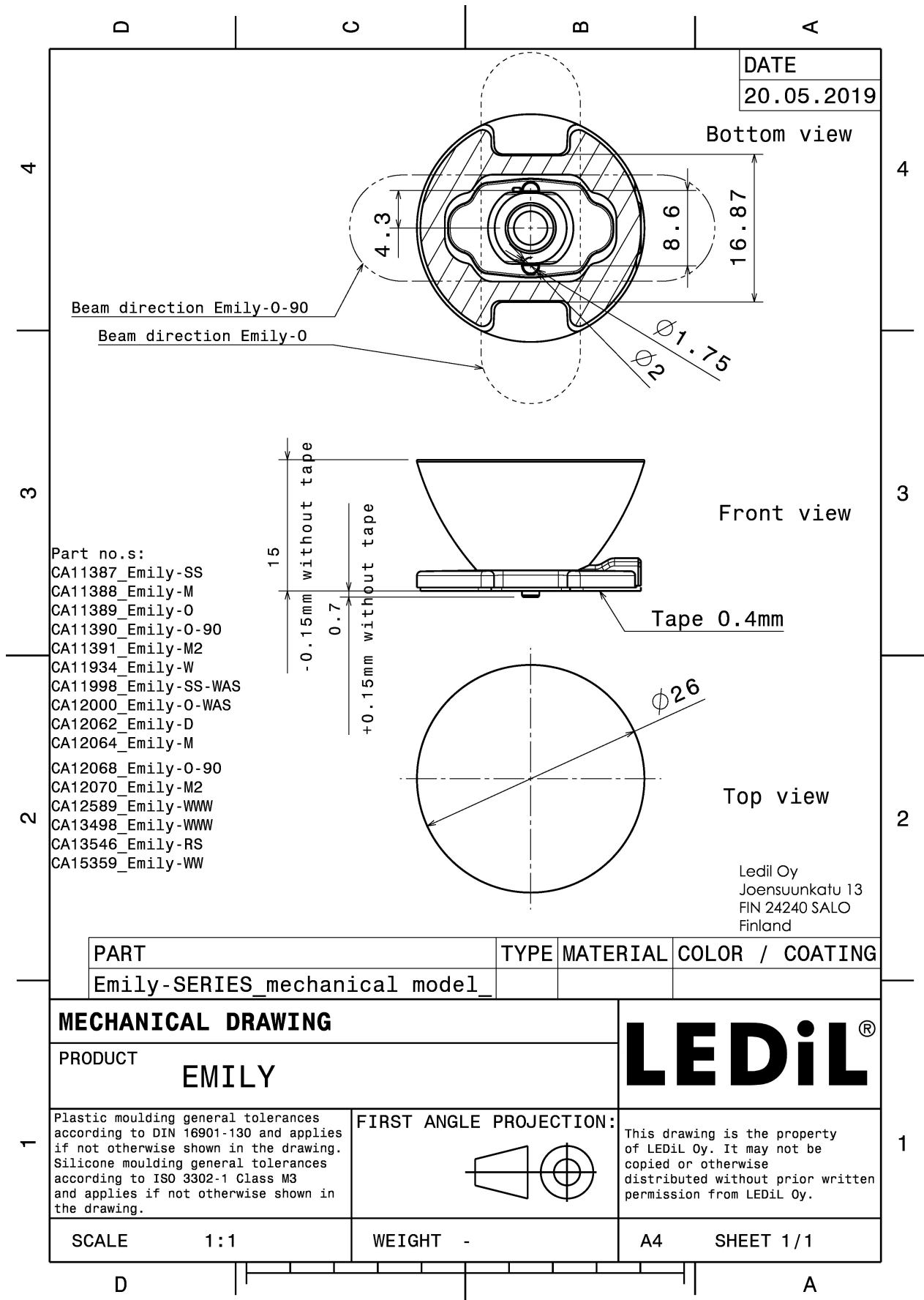
MATERIALS:

Component	Type	Material	Colour	Finish
EMILY-W	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11934_EMILY-W	Single lens	1690	260	130	11.8
» Box size: 480 x 280 x 300 mm					



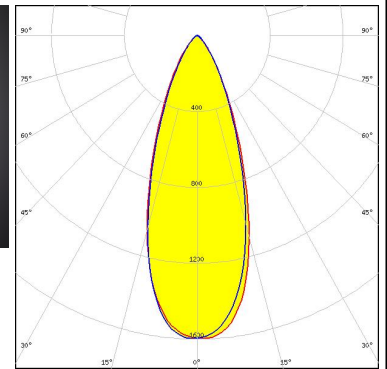
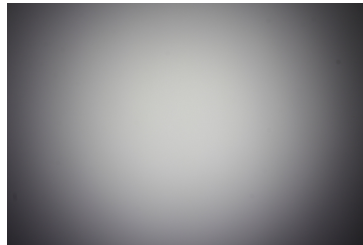


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

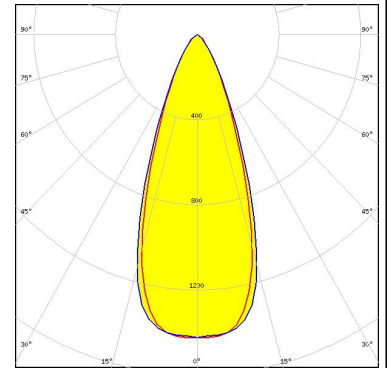
CREE → LED

LED XHP35 HD
 FWHM / FWTM 39.0° / 72.0°
 Efficiency 83 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



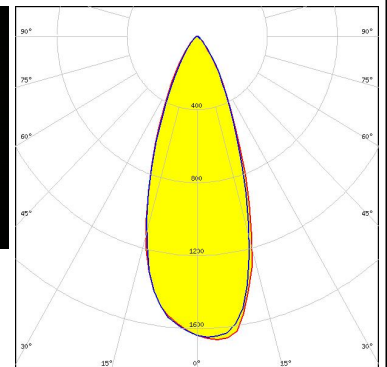
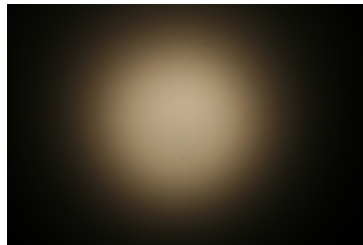
CREE → LED

LED XM-L
 FWHM / FWTM 36.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White
 Required components:



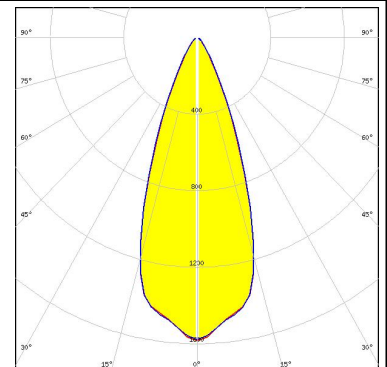
CREE → LED

LED XM-L2
 FWHM / FWTM 39.0° / 72.0°
 Efficiency 86 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

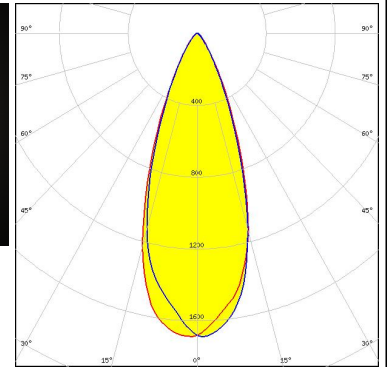
LED XP-E
 FWHM / FWTM 39.0° / 64.0°
 Efficiency 86 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

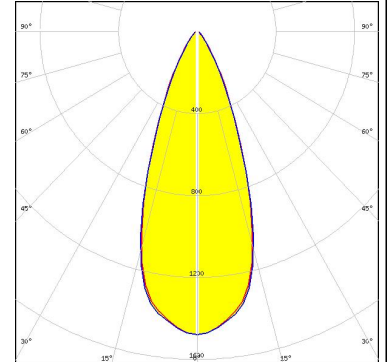
CREE LED

LED XP-E2
 FWHM / FWTM 39.0° / 67.0°
 Efficiency 84 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



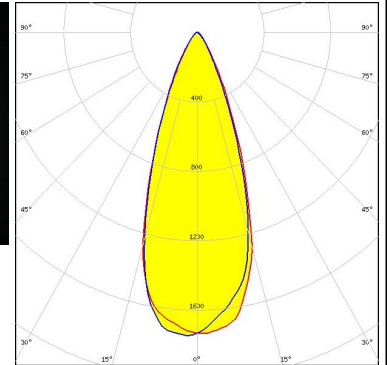
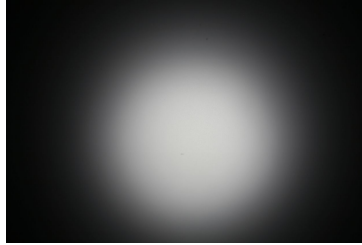
CREE LED

LED XP-G
 FWHM / FWTM 40.0° / 68.0°
 Efficiency 86 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



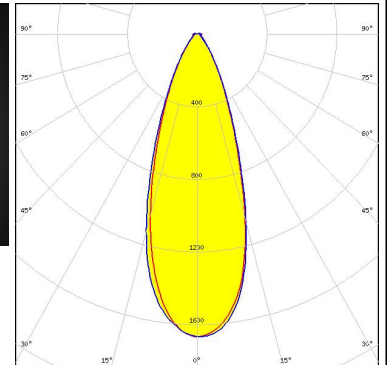
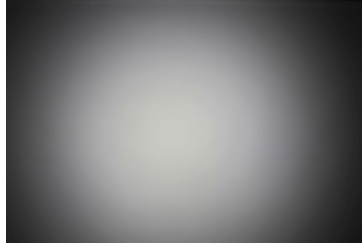
CREE LED

LED XP-G2
 FWHM / FWTM 38.0° / 66.0°
 Efficiency 84 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

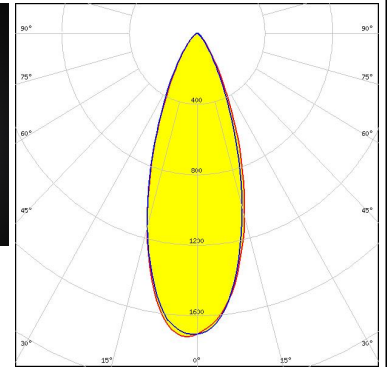
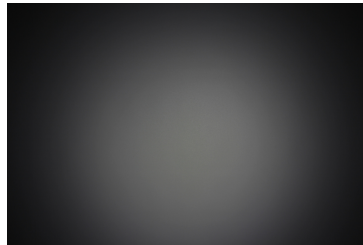
LED XP-G3
 FWHM / FWTM 36.0° / 70.0°
 Efficiency 92 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

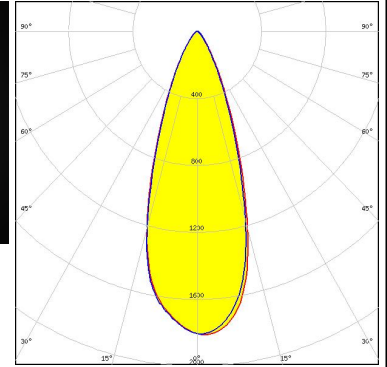
CREE LED

LED XP-L HD
 FWHM / FWTM 38.0° / 71.0°
 Efficiency 87 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-L HI
 FWHM / FWTM 36.0° / 65.0°
 Efficiency 86 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XT-E
 FWHM / FWTM 36.0°
 Efficiency %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON A
 FWHM / FWTM 40.0°
 Efficiency 84 %
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 40.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

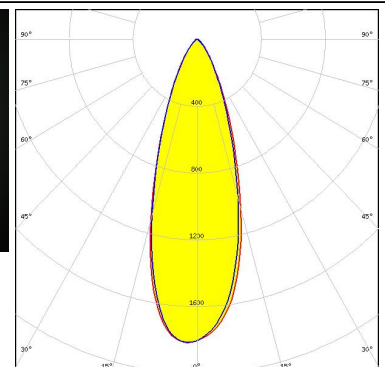
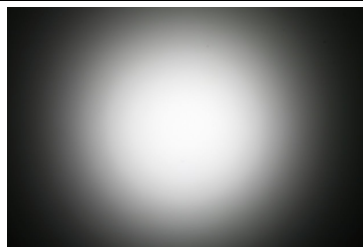
LED LUXEON Rebel ES
FWHM / FWTM 40.0°
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:

NICHIA


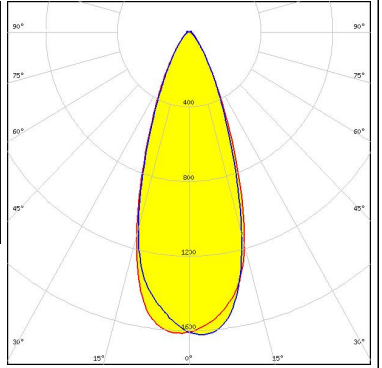

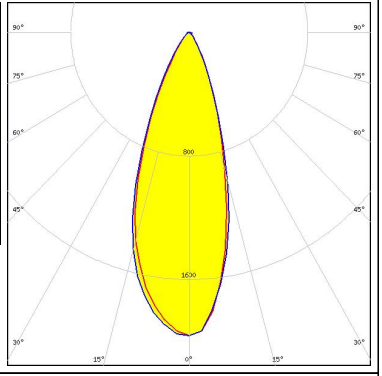
LED NCSxx19A
FWHM / FWTM 40.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NS9x383
FWHM / FWTM 34.0° / 67.0°
Efficiency 84 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

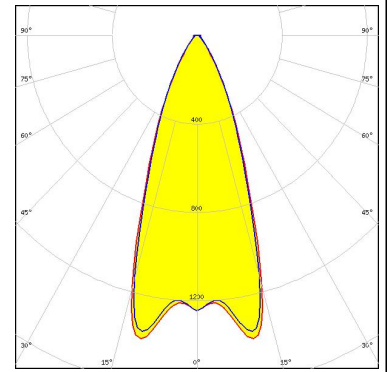
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 38.0° / 69.0° Efficiency 91 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 40.0° Efficiency 86 % LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square EC FWHM / FWTM 38.0° / 68.0° Efficiency 84 % Peak intensity 1.9 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 / FWTM 40.0° Efficiency 86 % LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

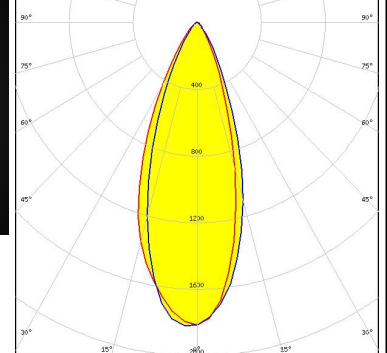
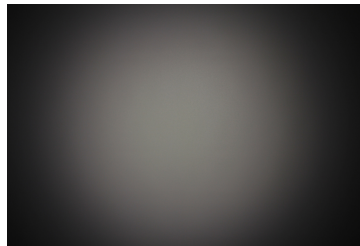
Opto Semiconductors

LED OSLON SSL 80
 FWHM / FWTM 40.0° / 70.0°
 Efficiency 86 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



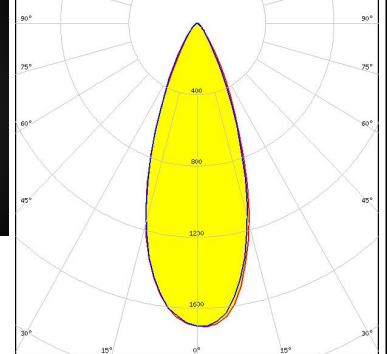
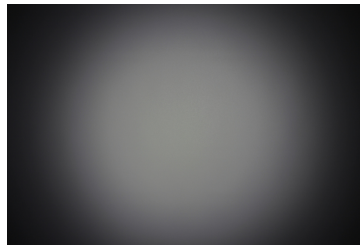
SAMSUNG

LED LH351B
 FWHM / FWTM 38.0° / 68.0°
 Efficiency 88 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG


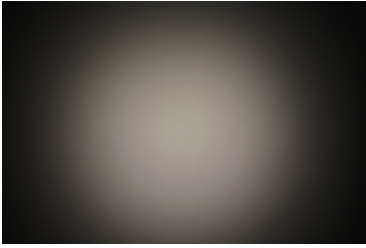
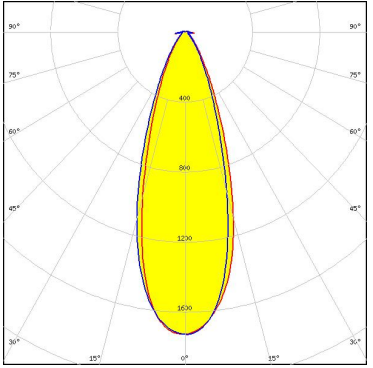
LED LH351Z
 FWHM / FWTM 39.0° / 68.0°
 Efficiency 85 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5
 FWHM / FWTM 40.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

			
SEOL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM / FWTM	34.0° / 67.0°		
Efficiency	89 %		
Peak intensity	1.7 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
<h2>SHARP</h2>			
LED	Double Dome (GM2BB)		
FWHM / FWTM	40.0°		
Efficiency	86 %		
LEDs/each optic	1		
Light colour	White		
Required components:			

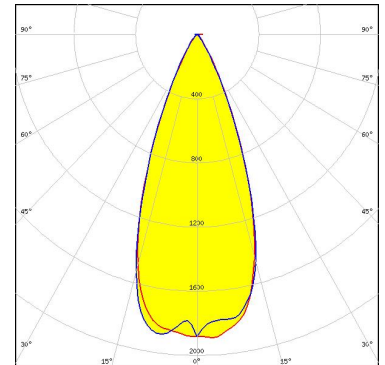
OPTICAL RESULTS (SIMULATED):



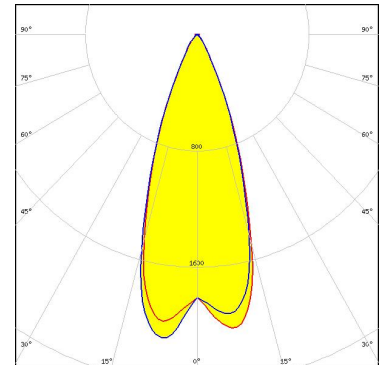
LED XM-L HVW
 FWHM / FWTM 36.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



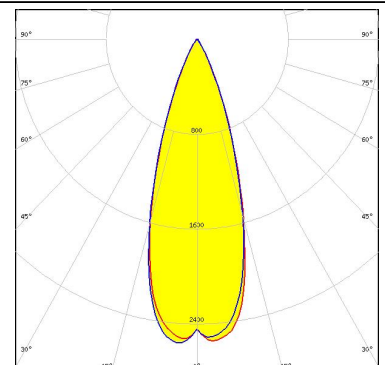
LED XP-G2 HE
 FWHM / FWTM 41.0° / 63.0°
 Efficiency 96 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



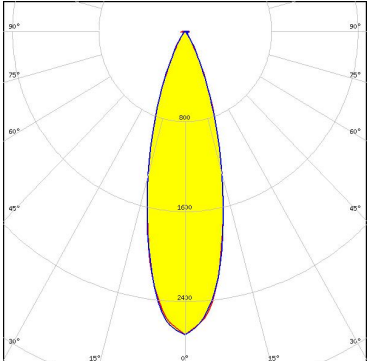
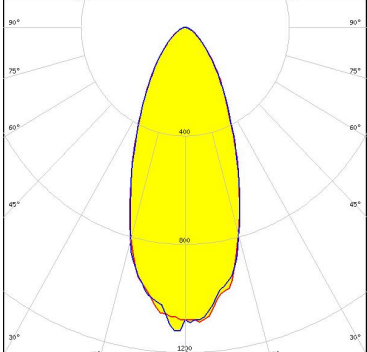
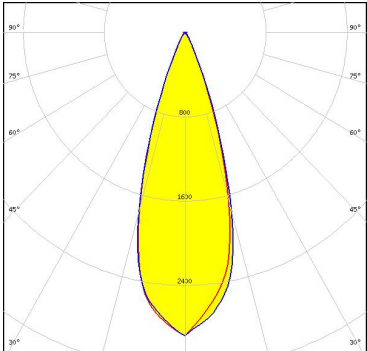
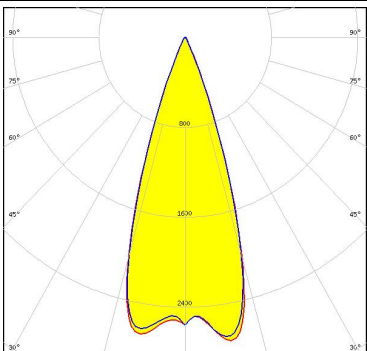
LED XP-L2
 FWHM / FWTM 38.0° / 60.0°
 Efficiency 95 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON MZ
 FWHM / FWTM 34.0° / 56.0°
 Efficiency 96 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



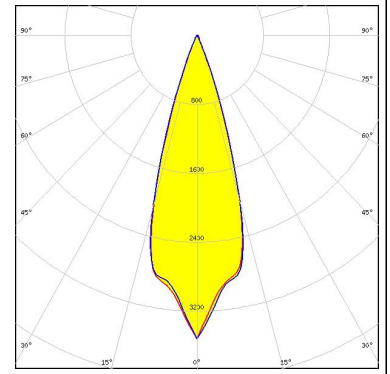
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 30.0° / 56.0° Efficiency: 90 % Peak intensity: 2.7 cd/lm LEDs/each optic: 4 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxx19B FWHM / FWTM: 45.0° Efficiency: 86 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3030 FWHM / FWTM: 33.0° / 52.0° Efficiency: 97 % Peak intensity: 2.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOL Black FWHM / FWTM: 36.0° / 49.0° Efficiency: 94 % Peak intensity: 2.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Black Flat
FWHM / FWTM	32.0° / 45.0°
Efficiency	94 %
Peak intensity	3.5 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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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.

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