

G2-LXP2-O-90-P

~10° x 40° oval beam optimized for CREE XP-E.
14.7 mm high assembly with installation tape.
Variant with beam direction rotated 90°. Variant
with thin holder with pins.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes 

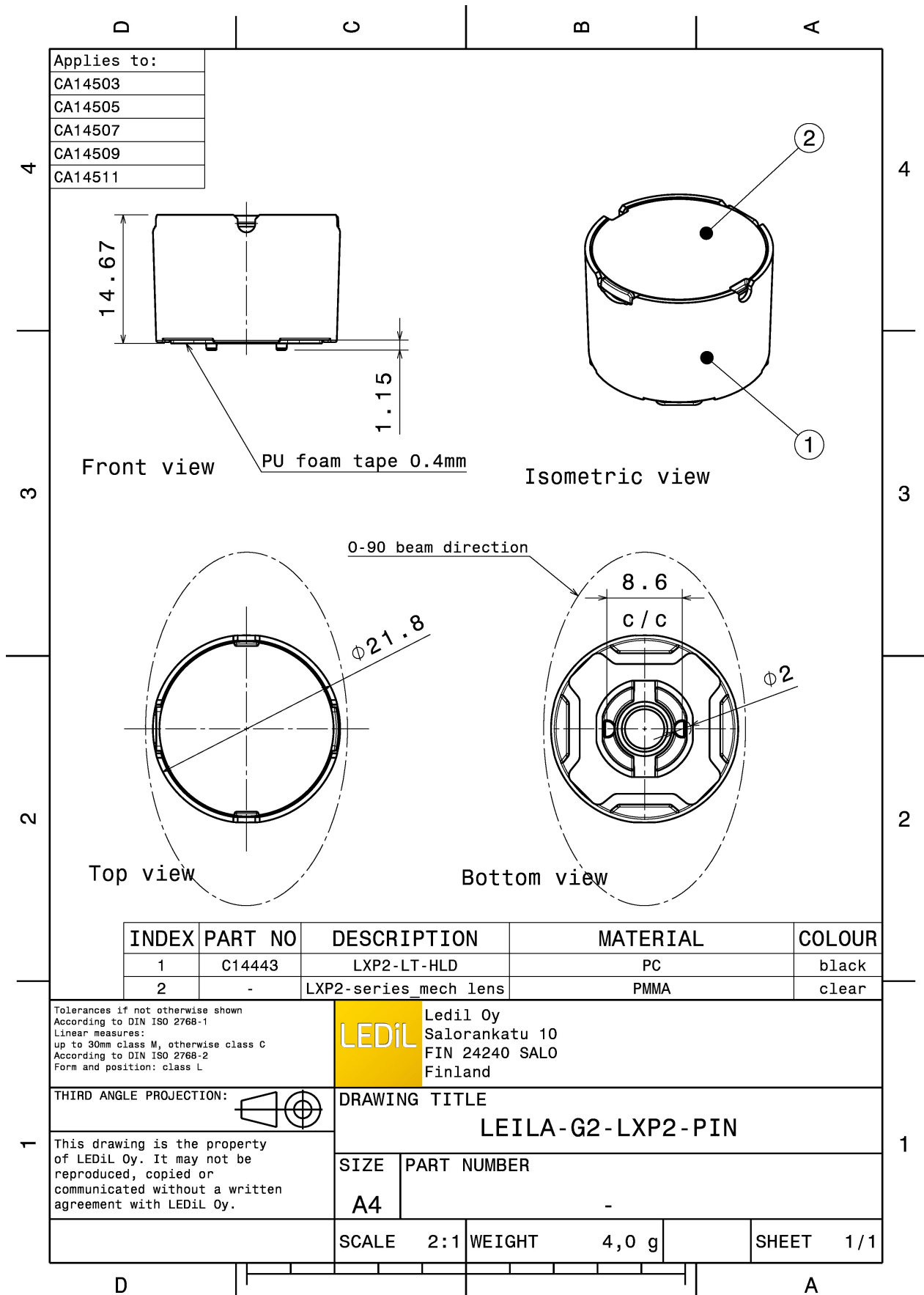
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-O-90	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14511_G2-LXP2-O-90-P	Single lens	1680	336	112	0.0
» Box size:					

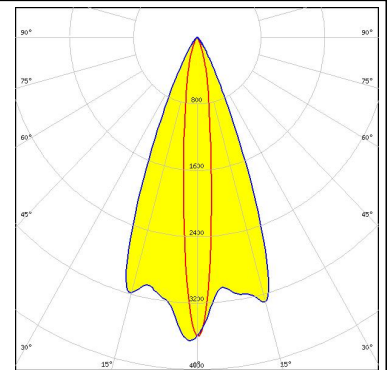
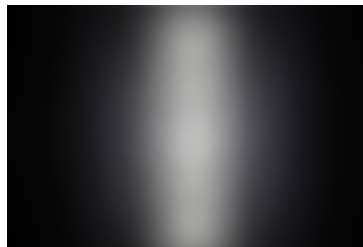




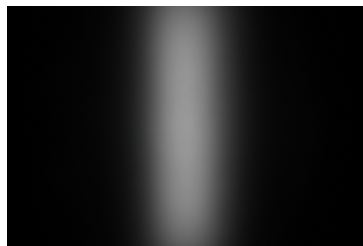
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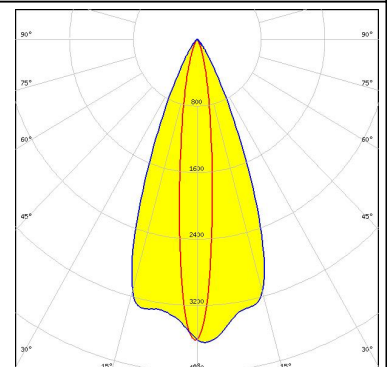
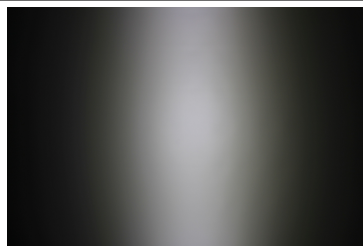
LED XD16
FWHM 11.0 + 43.0°
Efficiency 78 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



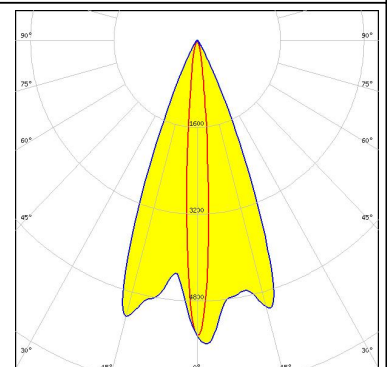
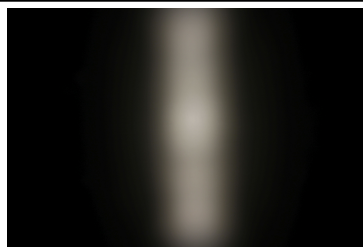
LED XP-E
FWHM 9.0 + 41.0°
Efficiency 89 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM 13.0 + 43.0°
Efficiency 84 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



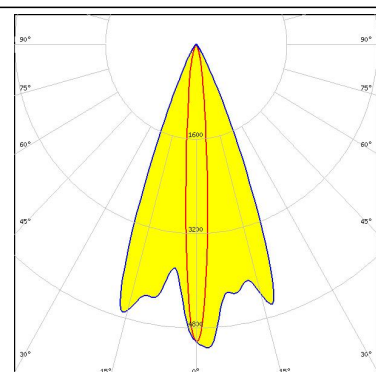
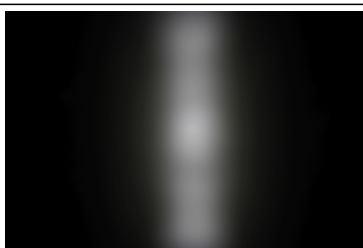
LED XQ-E HD
FWHM 9.0 + 43.0°
Efficiency 85 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



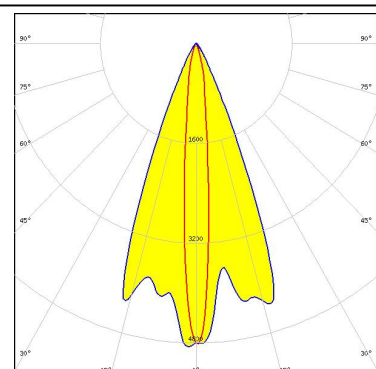
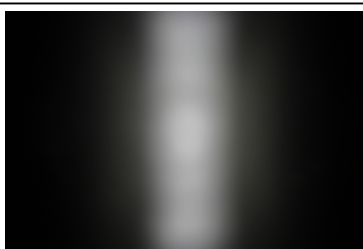
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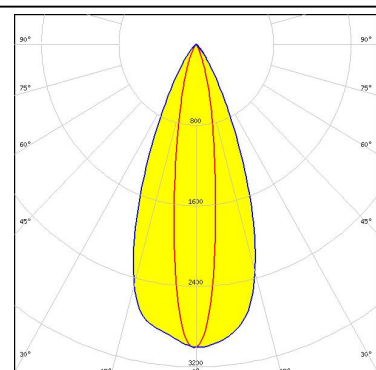
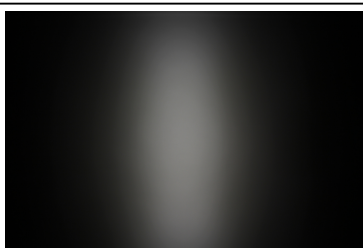
LED XQ-E HI
FWHM 9.0 + 43.0°
Efficiency 82 %
Peak intensity 5.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



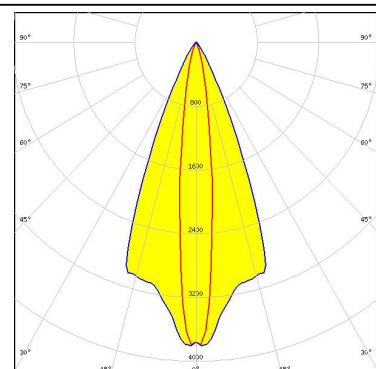
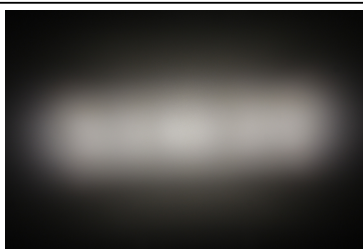
LED LUXEON CZ
FWHM 10.0 + 43.0°
Efficiency 86 %
Peak intensity 4.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON V
FWHM 16.0 + 43.0°
Efficiency 85 %
Peak intensity 3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



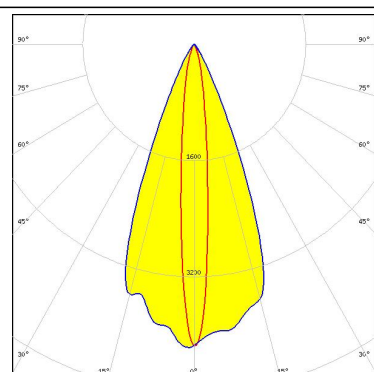
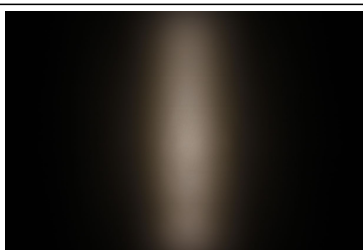
LED LUXEON Z ES
FWHM 13.0 + 44.0°
Efficiency 82 %
Peak intensity 3.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



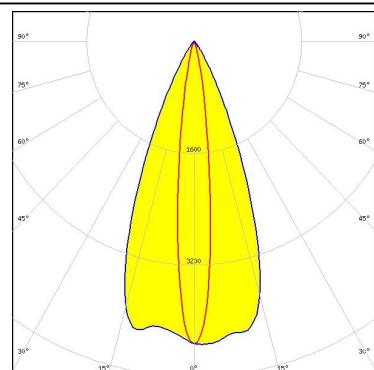
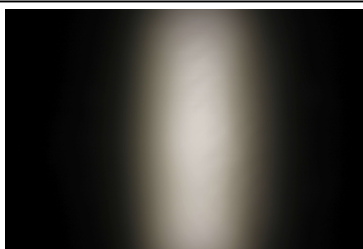
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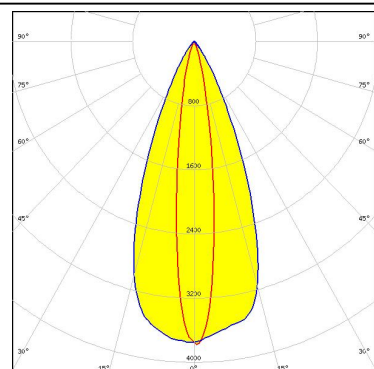
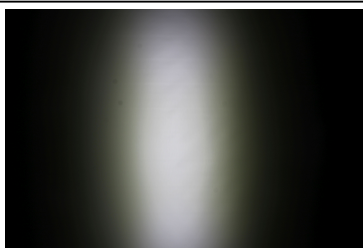
LED NCSxx19A
FWHM 11.0 + 43.0°
Efficiency 84 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



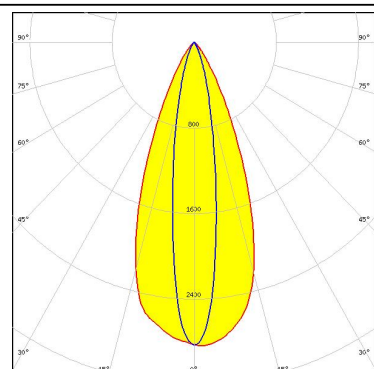
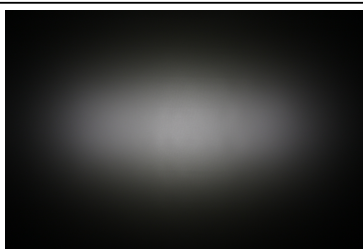
LED NVSW219F
FWHM 13.0 + 43.0°
Efficiency 89 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW319B
FWHM 15.0 + 43.0°
Efficiency 88 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



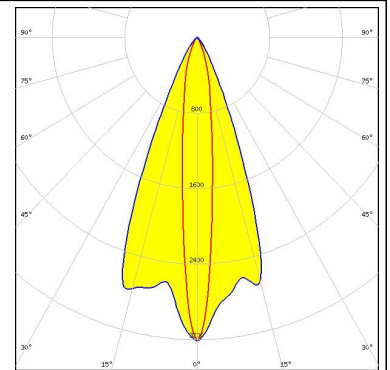
LED NWSx229A
FWHM 17.0 + 42.0°
Efficiency 83 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

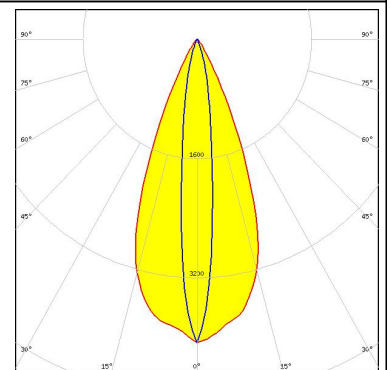
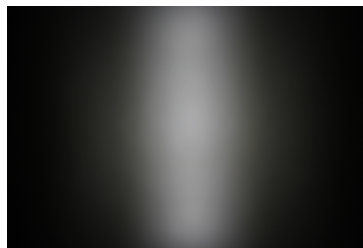
SAMSUNG

LED LH181A
FWHM 12.0 + 43.0°
Efficiency 78 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



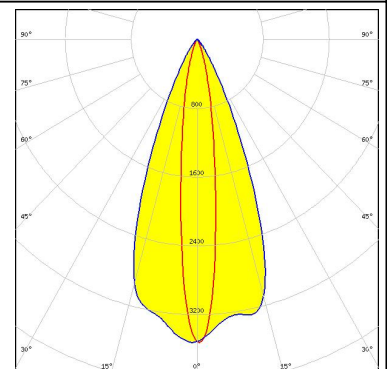
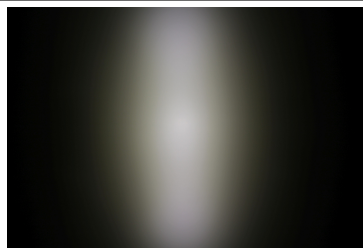
SAMSUNG

LED LH181B
FWHM 13.0 + 43.0°
Efficiency 81 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



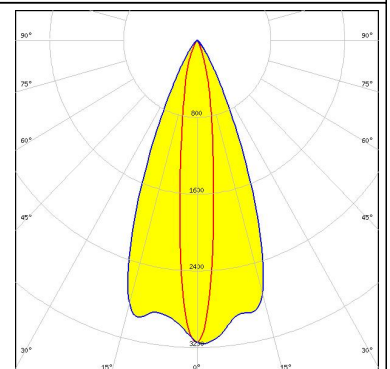
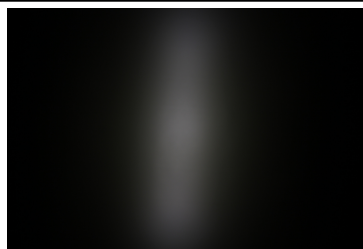
SEOUL SEMICONDUCTOR

LED Z5M3
FWHM 14.0 + 43.0°
Efficiency 85 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

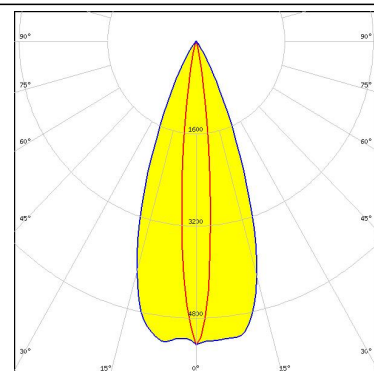
LED Z8Y22P
FWHM 13.0 + 43.0°
Efficiency 79 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



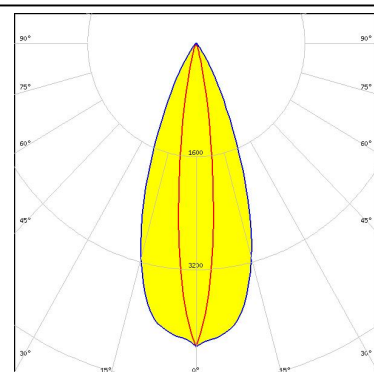
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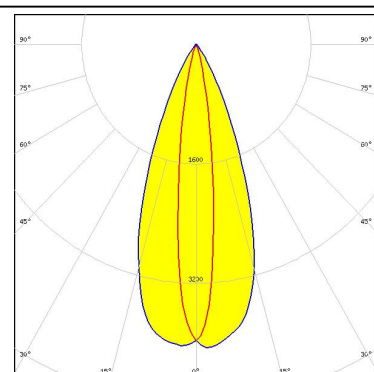
LED XP-G2
FWHM 11.0 + 41.0°
Efficiency 91 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



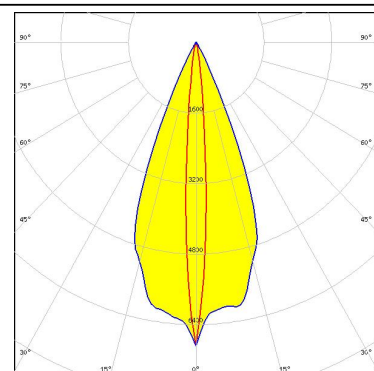
LED XP-G2 HE
FWHM 14.0 + 40.0°
Efficiency 89 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM 14.0 + 41.0°
Efficiency 89 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



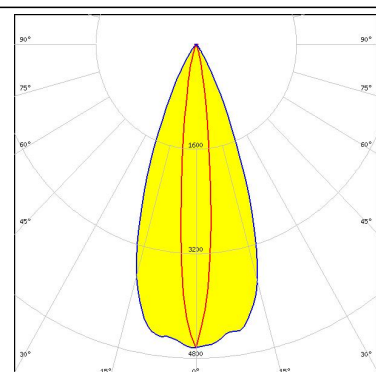
LED XQ-E HI
FWHM 8.0 + 42.0°
Efficiency 90 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



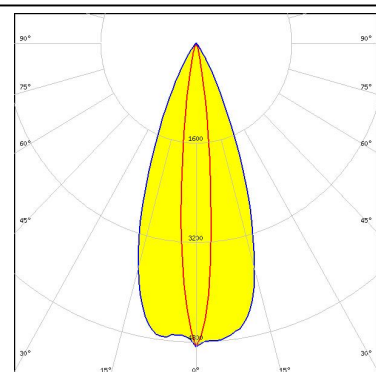
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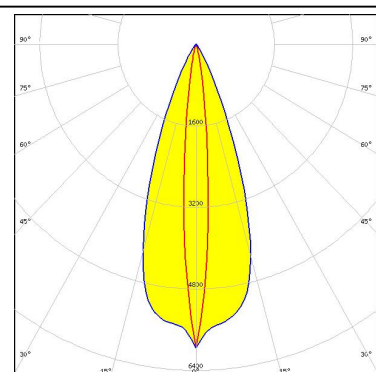
LED XT-E
FWHM 12.0 + 41.0°
Efficiency 88 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



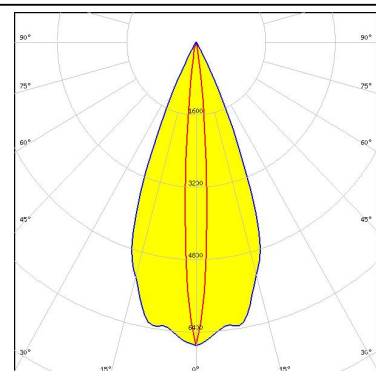
LED H35C1 (LEMWA33)
FWHM 12.0 + 40.0°
Efficiency 90 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM 10.0 + 37.0°
Efficiency 95 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



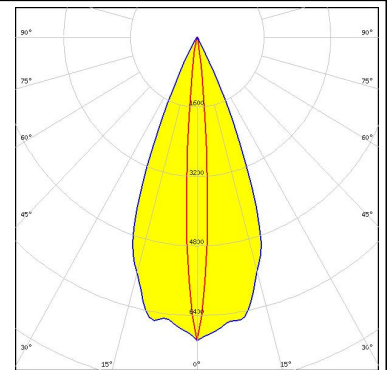
LED LUXEON CZ
FWHM 8.0 + 42.0°
Efficiency 92 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour PC Amber
Required components:



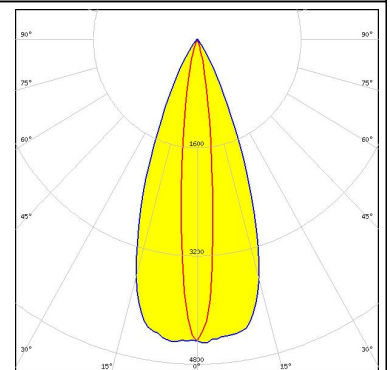
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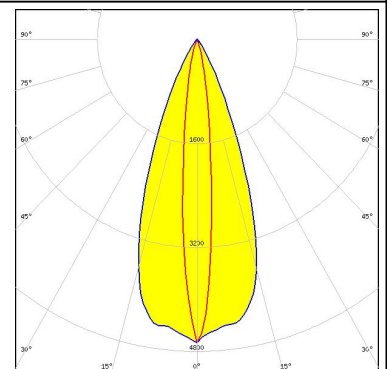
LED LUXEON CZ
FWHM 8.0 + 42.0°
Efficiency 92 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



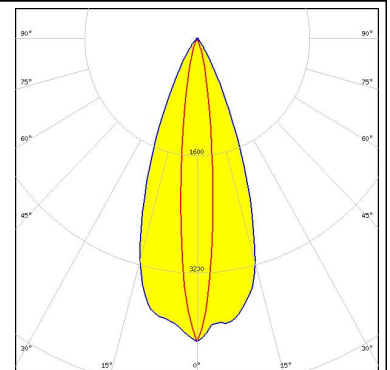
LED LUXEON T
FWHM 12.0 + 41.0°
Efficiency 90 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM 11.0 + 40.0°
Efficiency 89 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



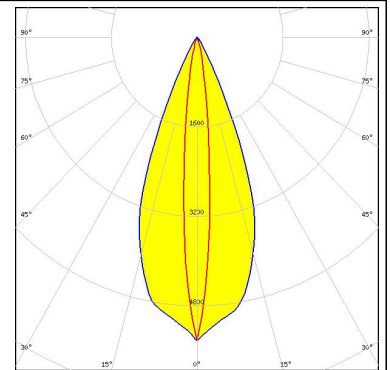
LED NVSxx19B/NVSxx19C
FWHM 13.0 + 40.0°
Efficiency 86 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

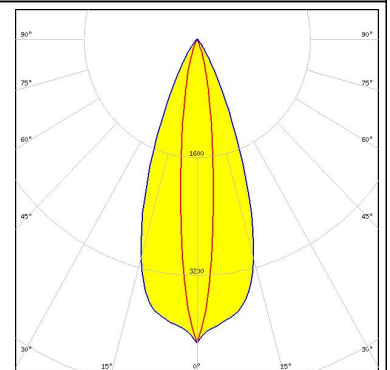
OSRAM Opto Semiconductors

LED OSCONIQ P 3030
FWHM 10.0 + 42.0°
Efficiency 92 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



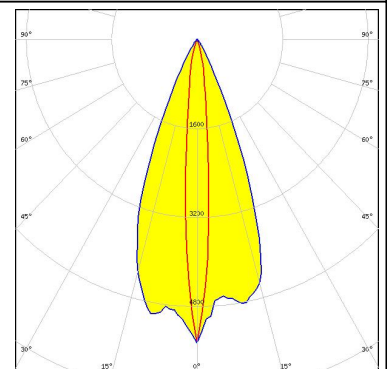
OSRAM Opto Semiconductors

LED OSCONIQ P 3737 Flat
FWHM 12.0 + 40.0°
Efficiency 90 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



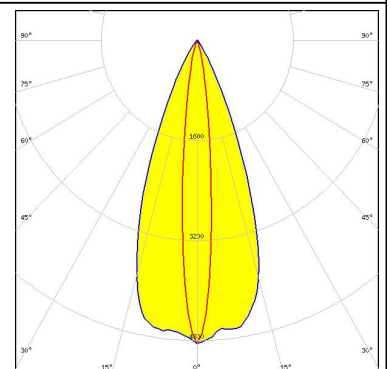
OSRAM Opto Semiconductors

LED OSLON Black Flat
FWHM 9.0 + 42.0°
Efficiency 89 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM 11.0 + 41.0°
Efficiency 90 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

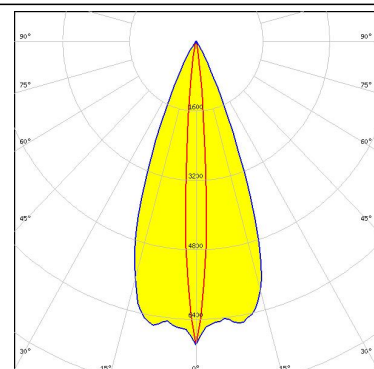


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLOM SSL 80
FWHM 8.0 + 41.0°
Efficiency 90 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



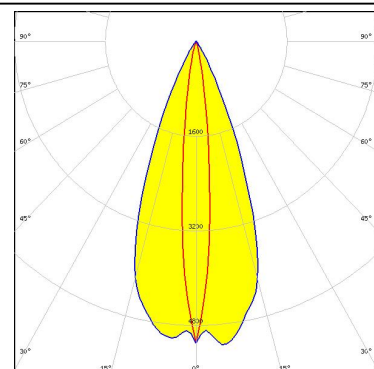
OSRAM

Opto Semiconductors

LED SFH 4770S
FWHM 12.0 + 41.0°
Efficiency 82 %
LEDs/each optic 1
Light colour White
Required components:

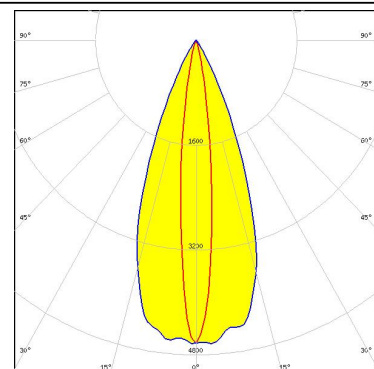
SAMSUNG

LED LH351A
FWHM 11.0 + 41.0°
Efficiency 89 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

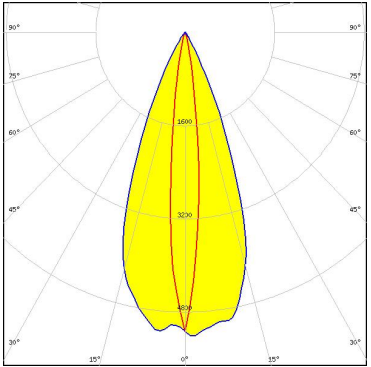
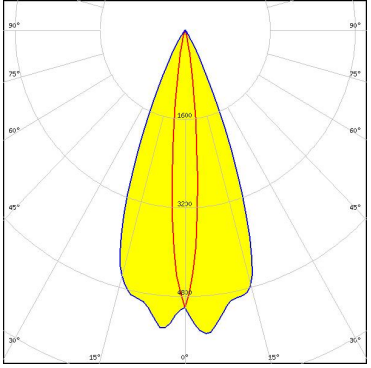


SAMSUNG

LED LH351B
FWHM 12.0 + 41.0°
Efficiency 89 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR			
LED	Z5M1/Z5M2		
FWHM	11.0 + 41.0°		
Efficiency	91 %		
Peak intensity	5.2 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
 SEOUL SEMICONDUCTOR			
LED	Z5P		
FWHM	9.0 + 42.0°		
Efficiency	90 %		
Peak intensity	5.5 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.

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.

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LEDiL Oy

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Hong Kong, China

Distribution Partners

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