

VERONICA-SQ-W

~50° wide beam

TECHNICAL SPECIFICATIONS:

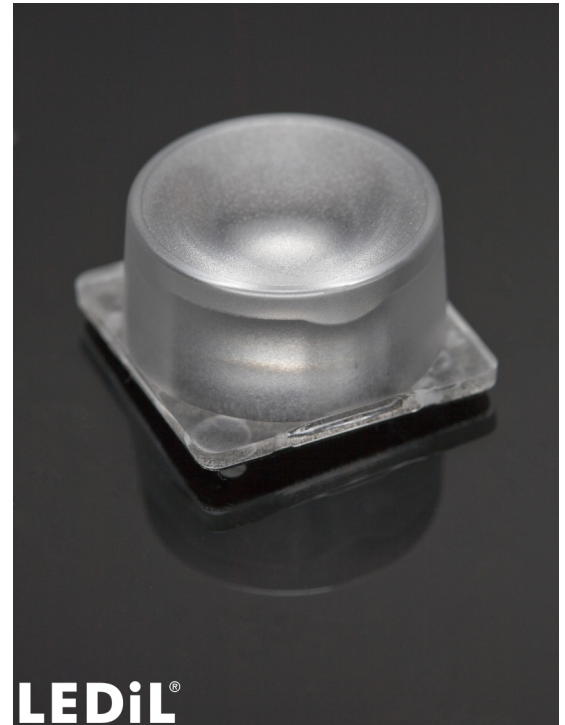
Dimensions	22.5 mm
Height	11.8 mm
Fastening	tape
ROHS compliant	yes 

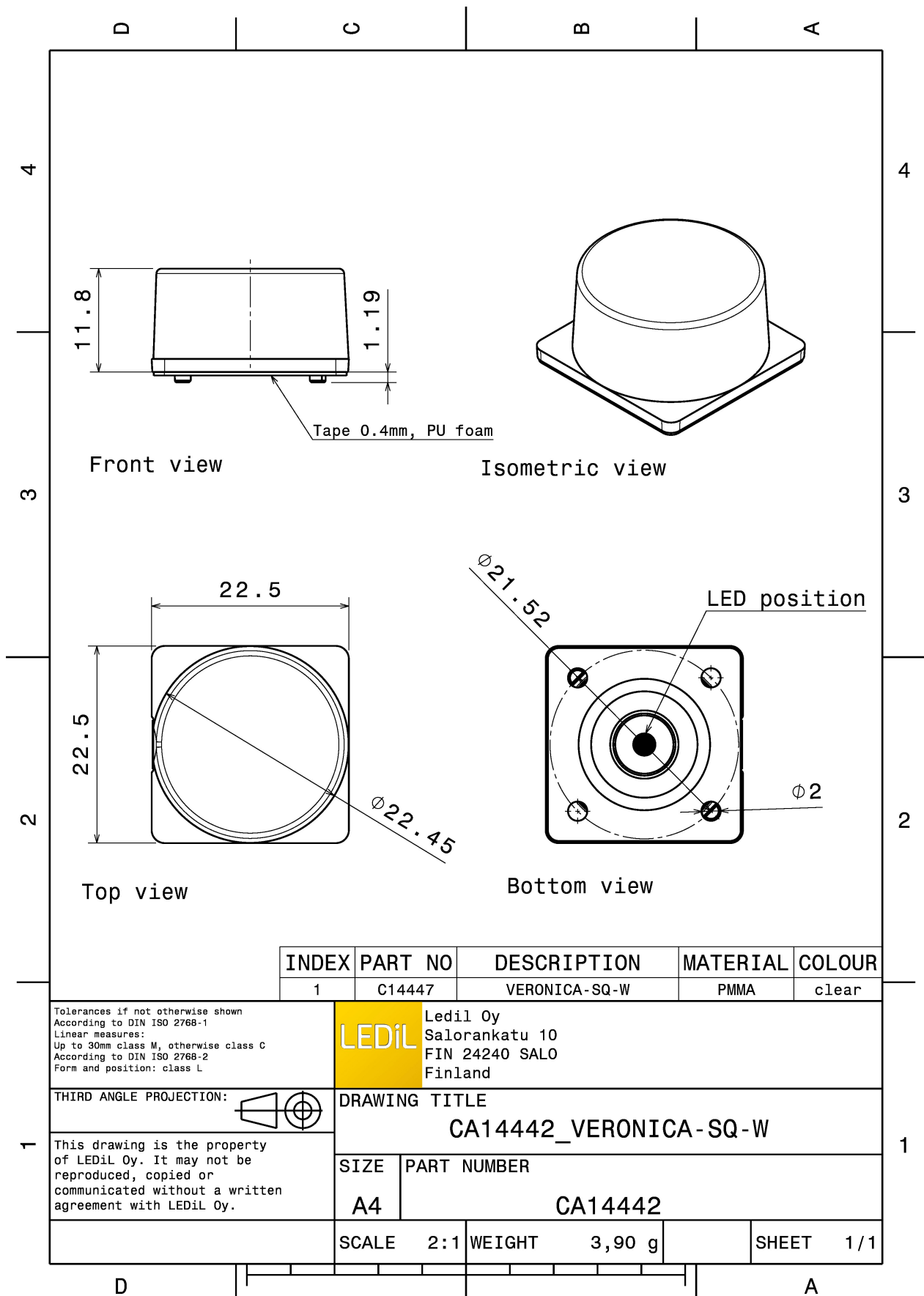
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VERONICA-SQ-W	Single lens	PMMA	clear	
VERONICA-TAPE	Tape	PU tape	clear	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14442_VERONICA-SQ-W	Single lens	1980	360	180	8.8
» Box size: 476 x 273 x 197 mm					

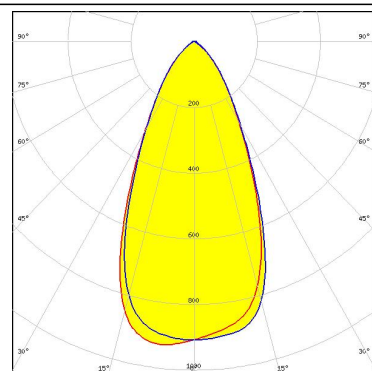
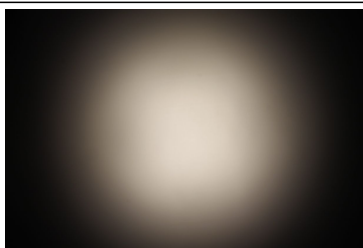




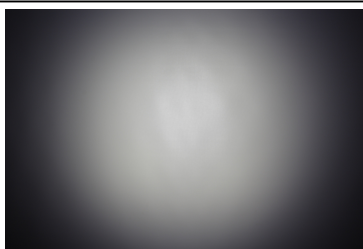
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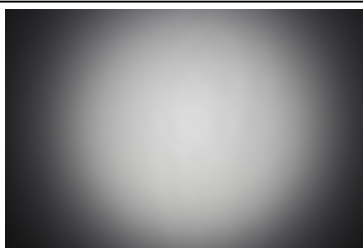
LED XB-H
FWHM 50.0°
Efficiency 80 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



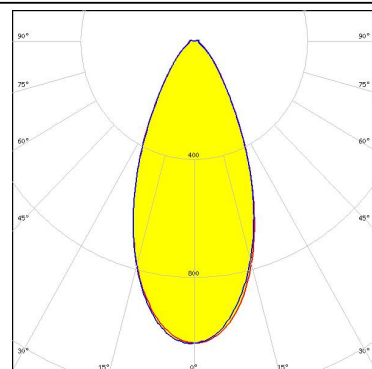
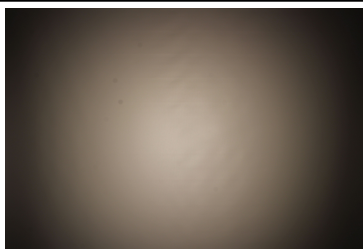
LED XHP35 HD
FWHM 52.0°
Efficiency 78 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HI
FWHM 49.0°
Efficiency 81 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



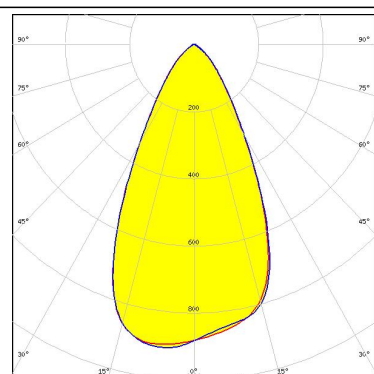
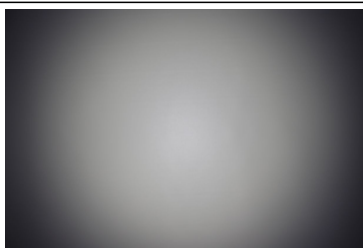
LED XHP50.2
FWHM 47.0°
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



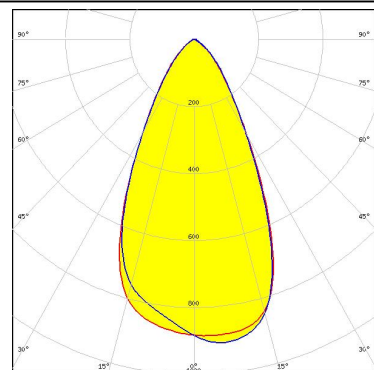
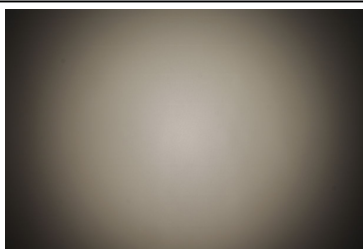
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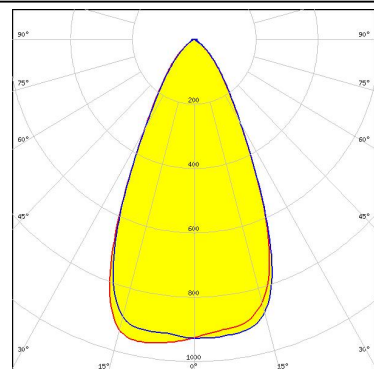
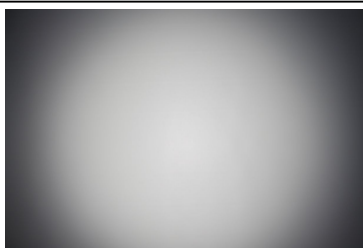
LED XM-L
FWHM 53.0°
Efficiency 81 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



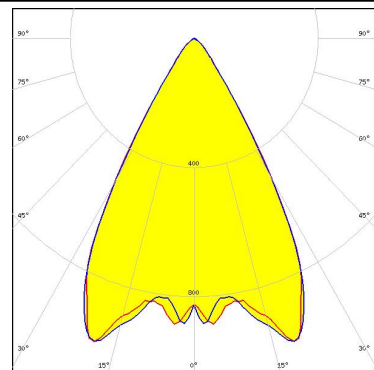
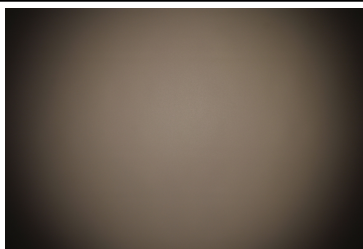
LED XM-L2
FWHM 53.0°
Efficiency 80 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E
FWHM 51.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



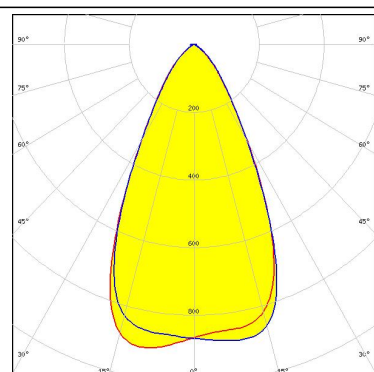
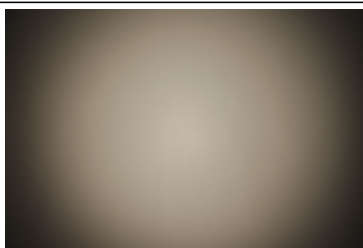
LED XP-E2
FWHM 52.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



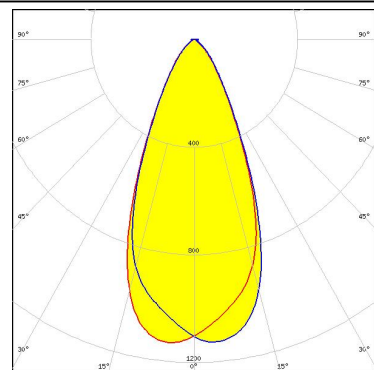
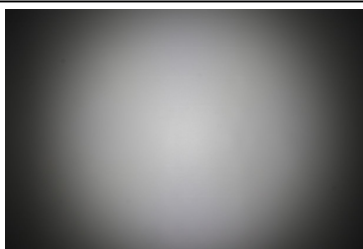
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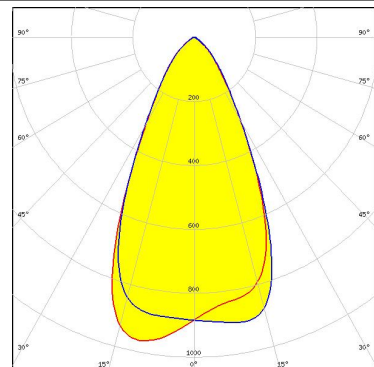
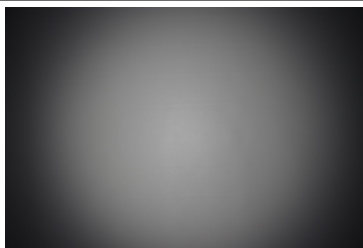
LED XP-G
FWHM 53.0°
Efficiency 81 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



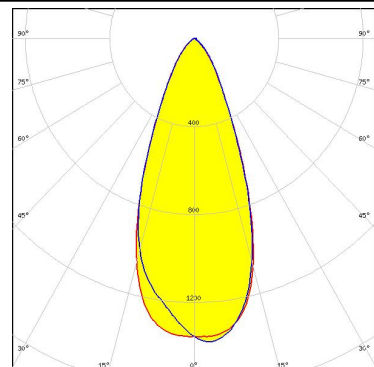
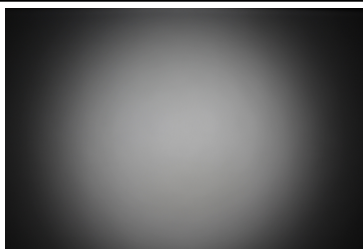
LED XT-E
FWHM 46.0°
Efficiency 80 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED H35C1 (LEMWA33)
FWHM 52.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



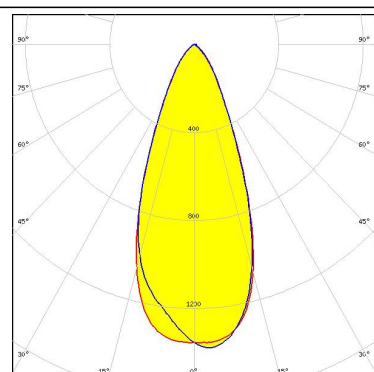
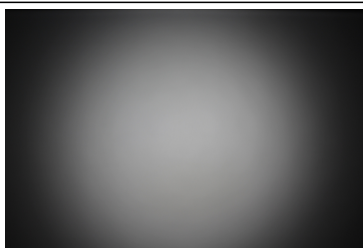
LED LUXEON 3030 2D (Round LES)
FWHM 42.0°
Efficiency 83 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

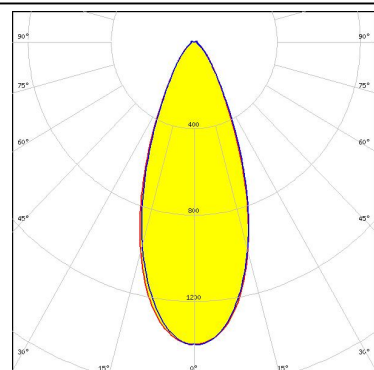
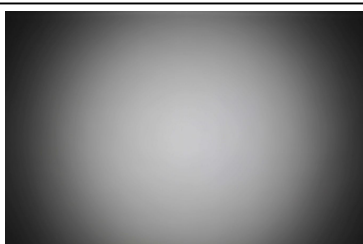
LUMILEDS

LED LUXEON 3030 2D (Square LES)
 FWHM 42.0°
 Efficiency 83 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



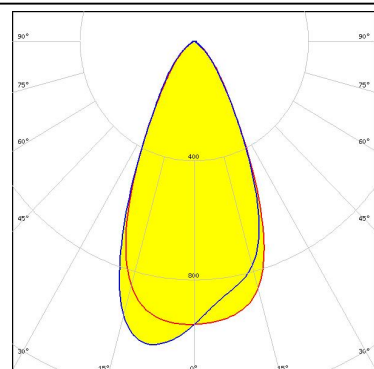
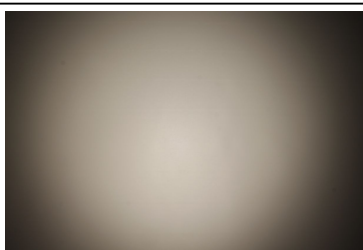
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM 41.0°
 Efficiency 90 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



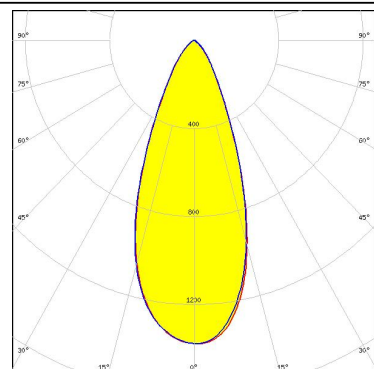
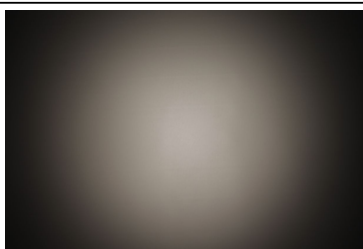
LUMILEDS

LED LUXEON A
 FWHM 50.0°
 Efficiency 79 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

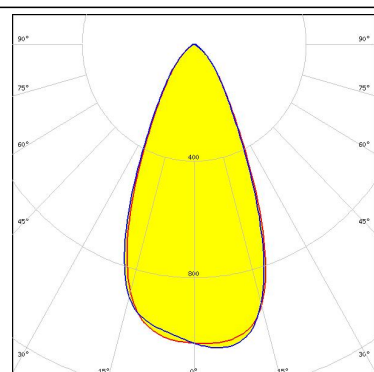
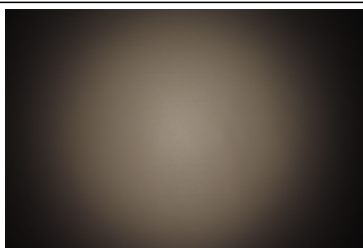
LED LUXEON MZ
 FWHM 41.0°
 Efficiency 83 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



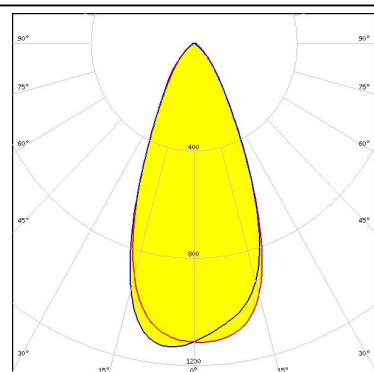
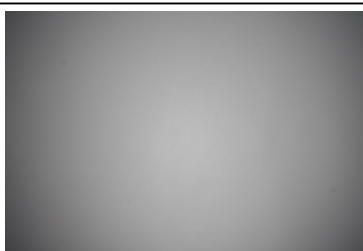
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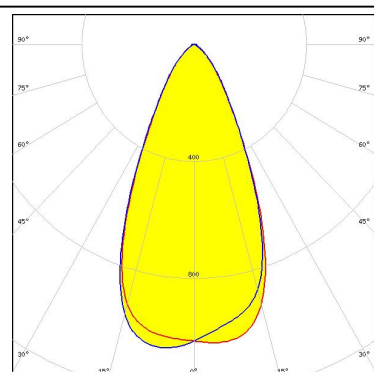
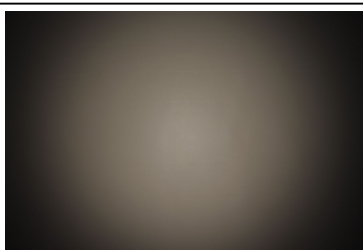
LED LUXEON R
FWHM 48.0°
Efficiency 80 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



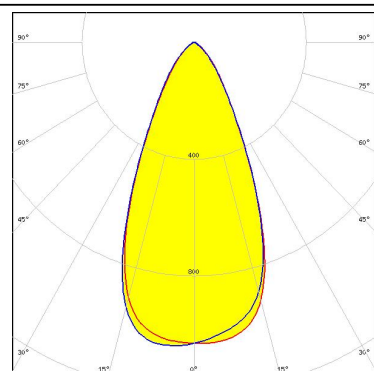
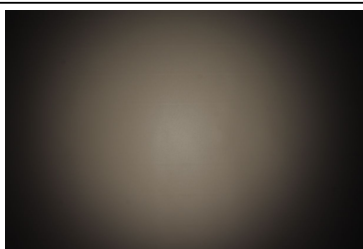
LED LUXEON Rebel ES
FWHM 46.0°
Efficiency 80 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM 49.0°
Efficiency 82 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



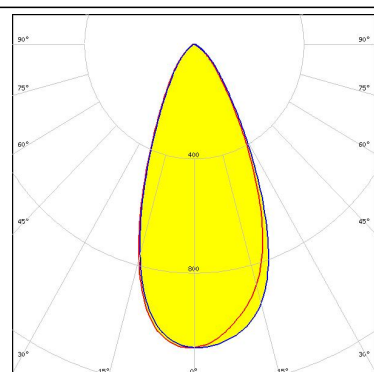
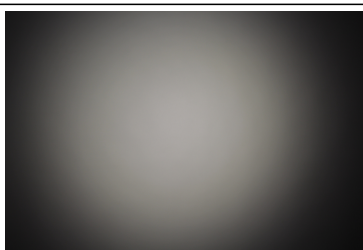
LED LUXEON TX
FWHM 48.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



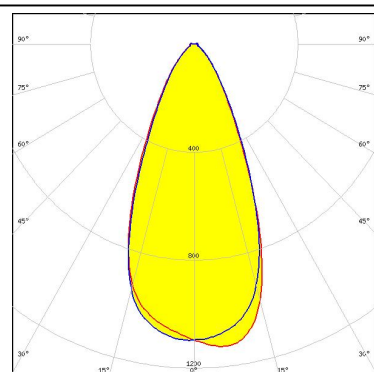
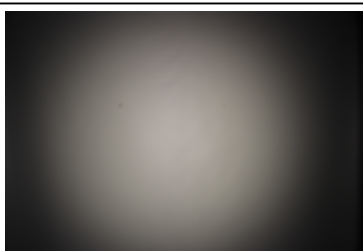
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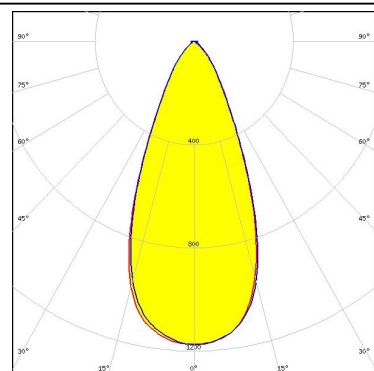
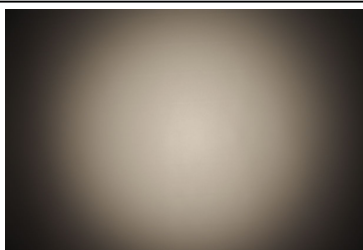
LED LUXEON V
FWHM 46.0°
Efficiency 79 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



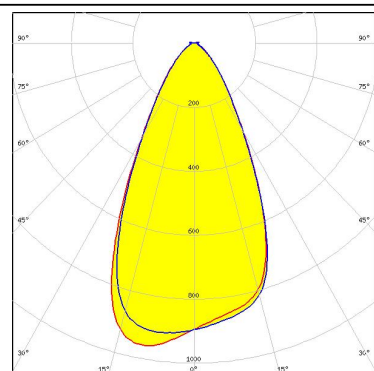
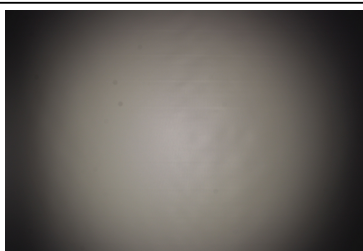
LED LUXEON V2
FWHM 47.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19B
FWHM 45.0°
Efficiency 80 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



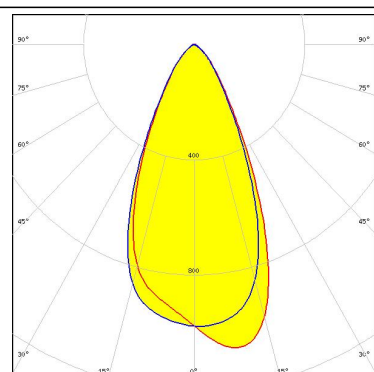
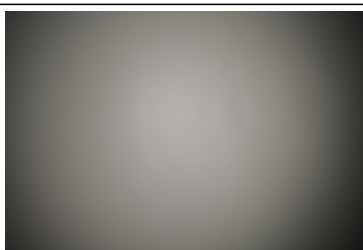
LED NVSW219F
FWHM 52.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



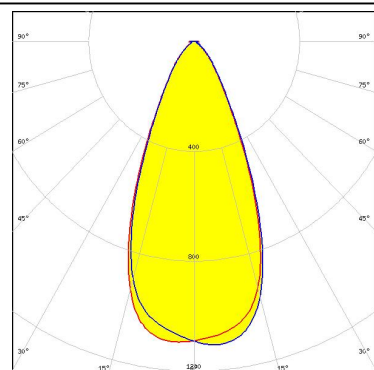
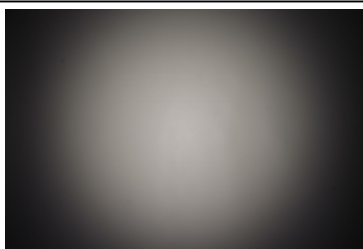
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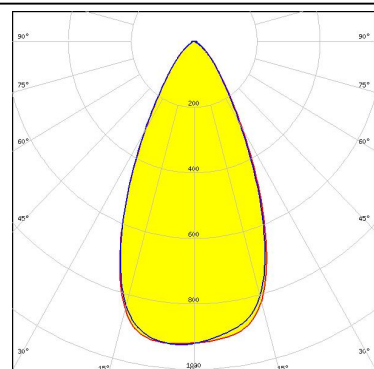
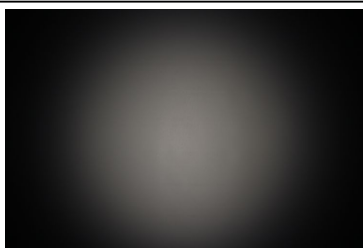
LED NVSW3x9A
FWHM 48.0°
Efficiency 78 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



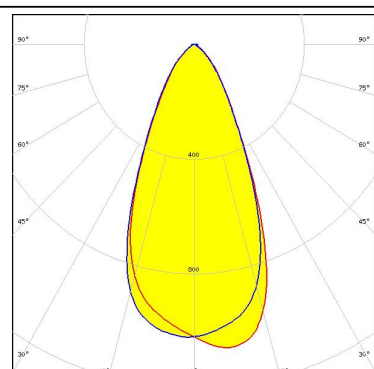
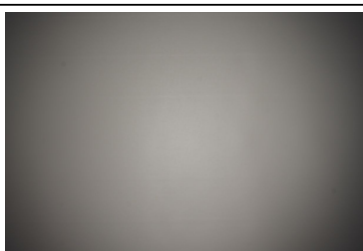
LED NVSxx19B/NVSxx19C
FWHM 46.0°
Efficiency 81 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NWSx229A
FWHM 51.0°
Efficiency 78 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



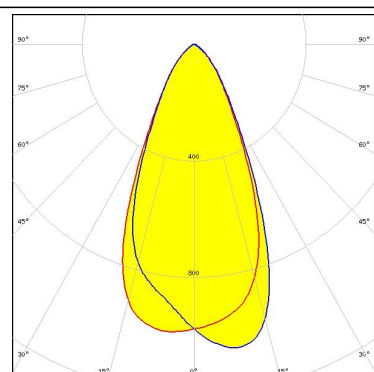
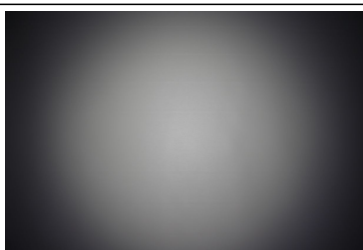
LED OSLOM Square EC
FWHM 48.0°
Efficiency 80 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

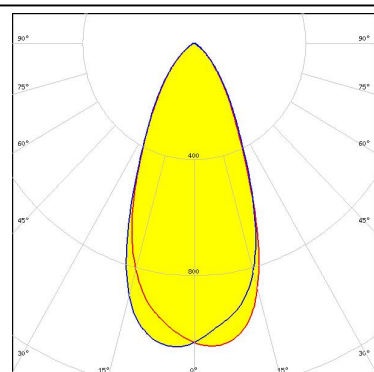
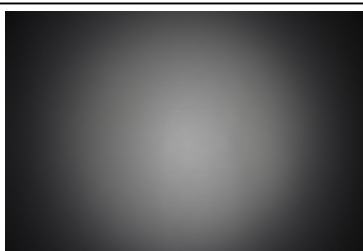
OSRAM
Opto Semiconductors

LED OSLON Square PC
FWHM 48.0°
Efficiency 79 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



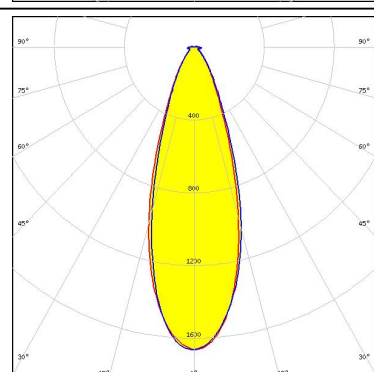
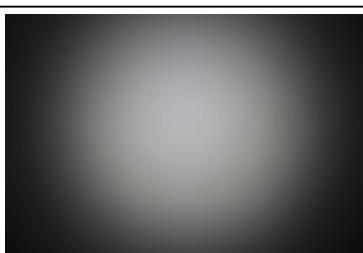
OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM 46.0°
Efficiency 80 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



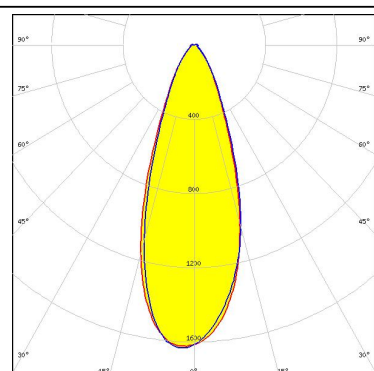
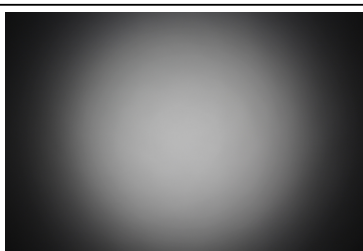
SAMSUNG

LED LH181A
FWHM 34.0°
Efficiency 87 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH181B
FWHM 37.0°
Efficiency 90 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



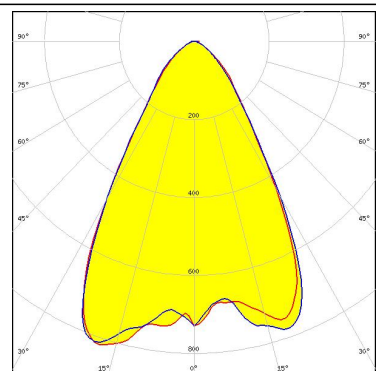
PHOTOMETRIC DATA (MEASURED):

SEOL SEOUL SEMICONDUCTOR LED Z5M3 FWHM 46.0° Efficiency 88 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:		
SEOL SEOUL SEMICONDUCTOR LED Z8Y22P FWHM 42.0° Efficiency 78 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:		
SEOL SEOUL SEMICONDUCTOR LED Z8Y50P FWHM 42.0° Efficiency 77 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:		

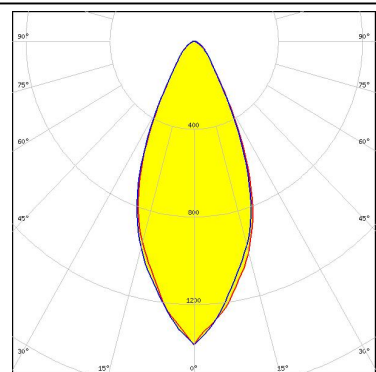
PHOTOMETRIC DATA (SIMULATED):



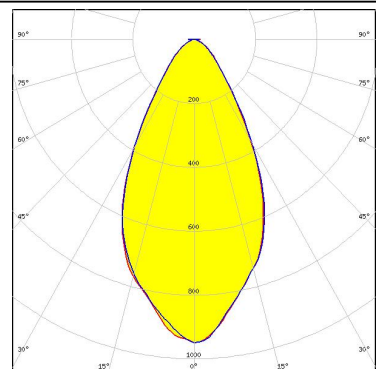
LED XP-G2 HE
FWHM 62.0°
Efficiency 97 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



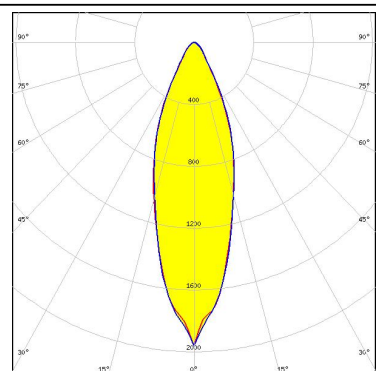
LED LUXEON M/MX
FWHM 45.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NV4x144A
FWHM 54.0°
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ C 2424
FWHM 32.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 4
Light colour White
Required components:

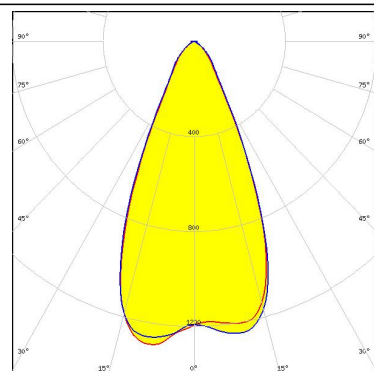


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

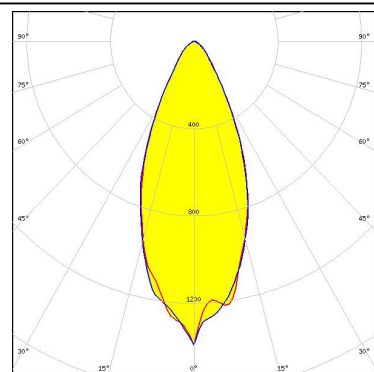
LED OSCONIQ P 3030
FWHM 48.0°
Efficiency 95 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

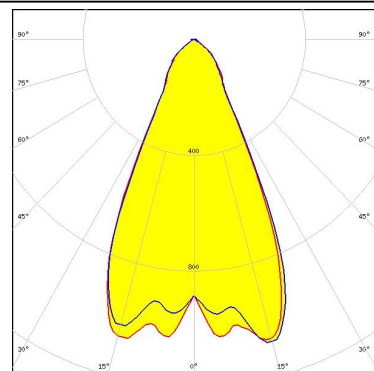
LED OSCONIQ P 7070
FWHM 42.0°
Efficiency 90 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

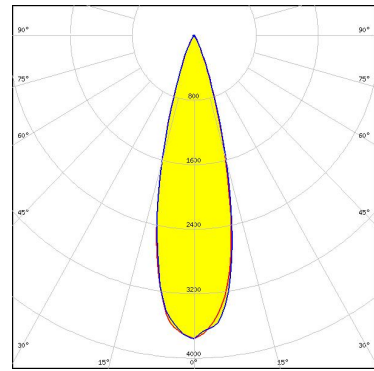
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LED OSLON Square CSSRM2/CSSRM3
FWHM 50.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22T
FWHM 41.0°
Efficiency 94 %
Peak intensity 1.7 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:

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