


VERONICA-SQ-O

~55° + 12° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 22.5 mm
Height	12.2 mm
Fastening	tape, pin
ROHS compliant	yes 

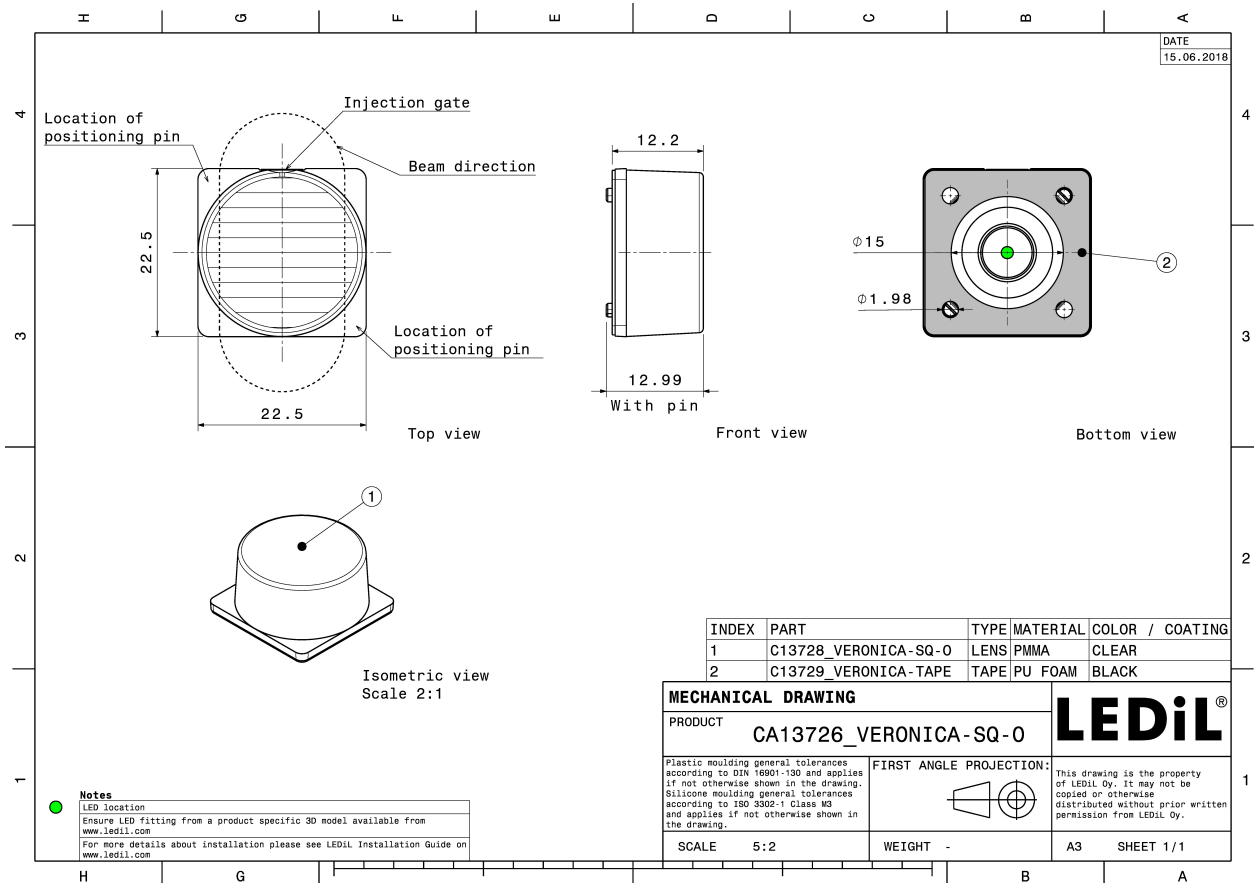
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13726_VERONICA-SQ-O	Single lens	1980	360	90	8.2
» Box size: 480 x 280 x 300 mm					

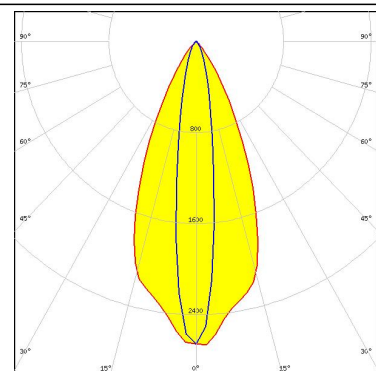
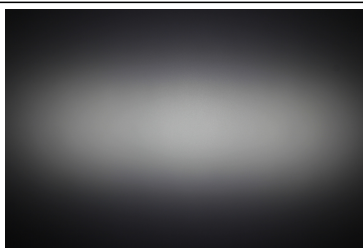




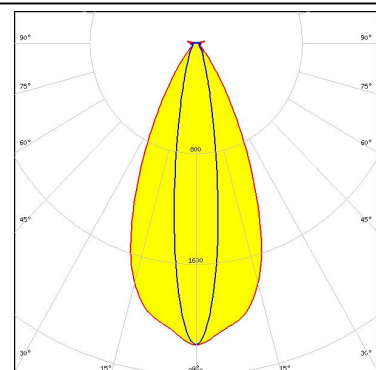
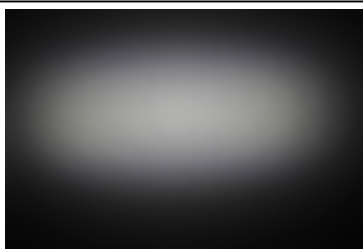
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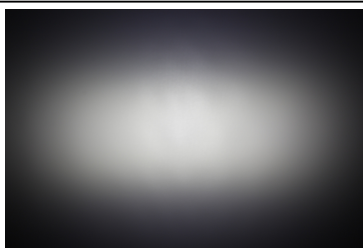
LED XB-H
FWHM 45.0 + 16.0°
Efficiency 77 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XD16
FWHM 47.0 + 17.0°
Efficiency 87 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HD
FWHM 45.0 + 20.0°
Efficiency 73 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



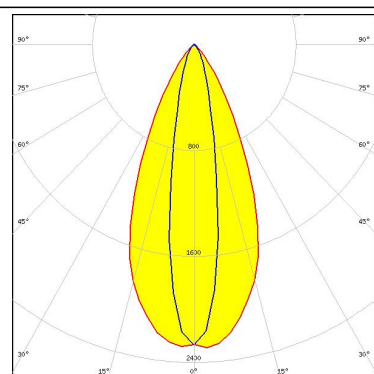
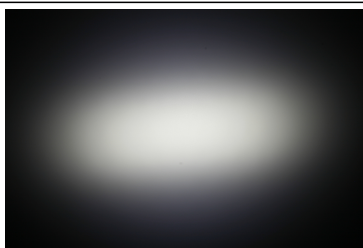
LED XHP35 HI
FWHM 46.0 + 16.0°
Efficiency 75 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



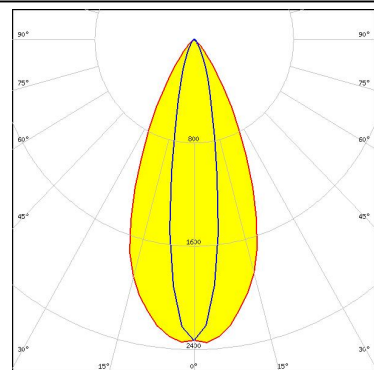
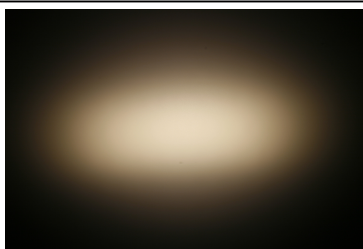
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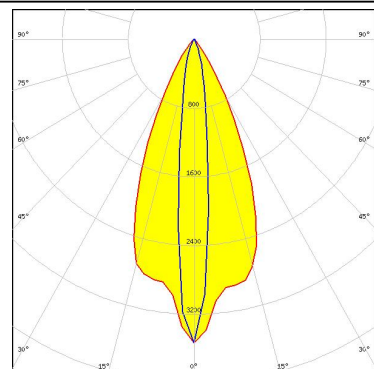
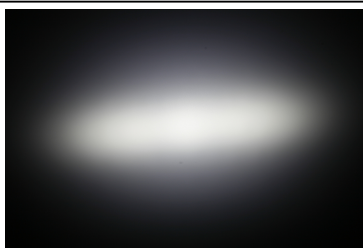
LED XM-L
FWHM $47.0 \pm 20.0^\circ$
Efficiency 80 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



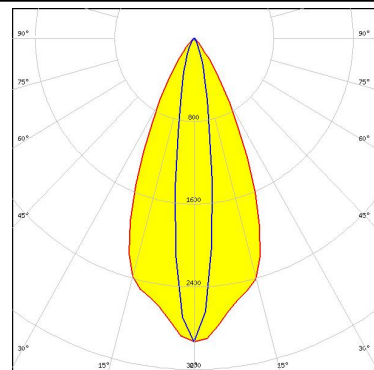
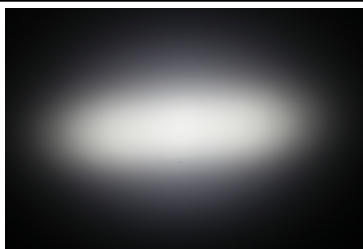
LED XM-L2
FWHM $47.0 \pm 20.0^\circ$
Efficiency 80 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM $46.0 \pm 12.0^\circ$
Efficiency 80 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



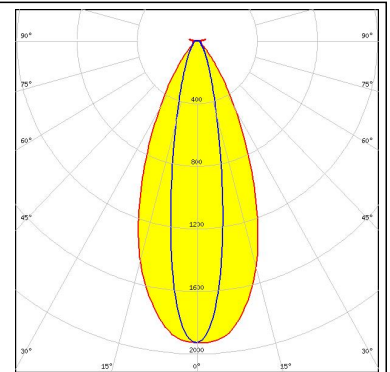
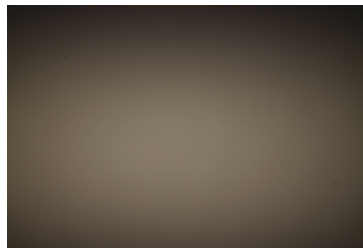
LED XP-G2
FWHM $47.0 \pm 14.0^\circ$
Efficiency 80 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



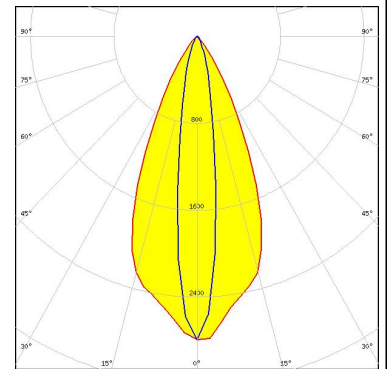
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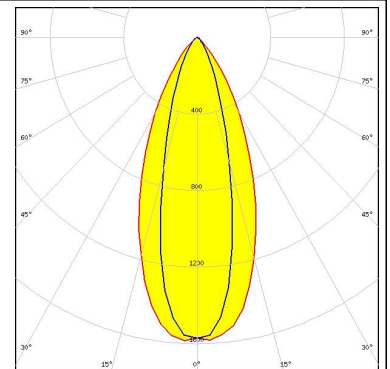
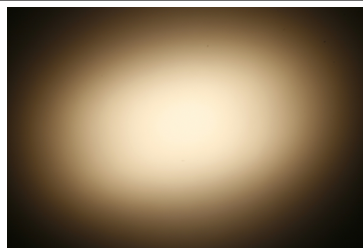
LED XP-L2
FWHM 45.0 + 20.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



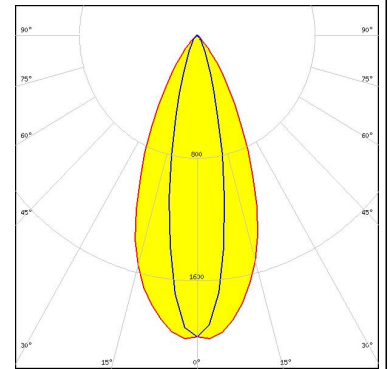
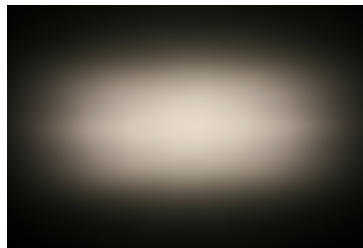
LED XT-E
FWHM 47.0 + 16.0°
Efficiency 79 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON M/MX
FWHM 45.0 + 28.0°
Efficiency 76 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



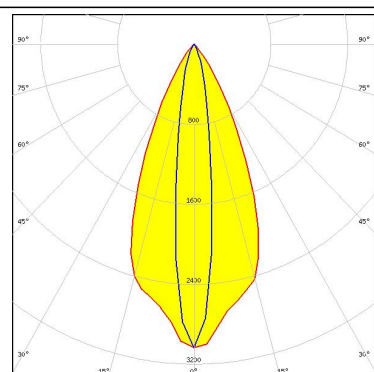
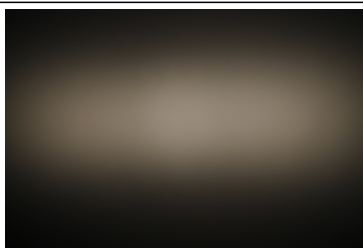
LED LUXEON MZ
FWHM 47.0 + 23.0°
Efficiency 73 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

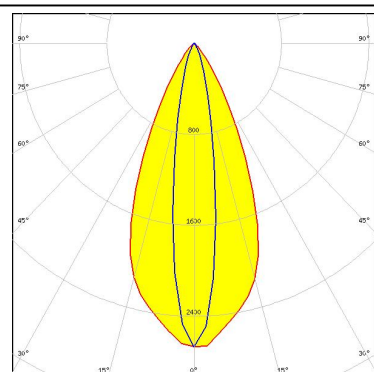
LUMILEDS

LED LUXEON Rebel
FWHM 47.0 + 15.0°
Efficiency 80 %
Peak intensity 3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



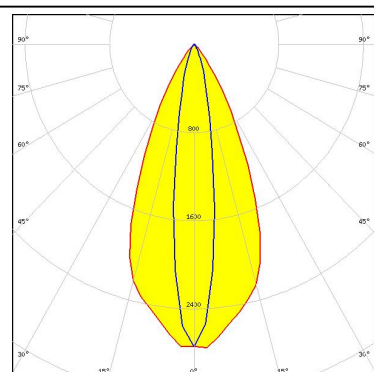
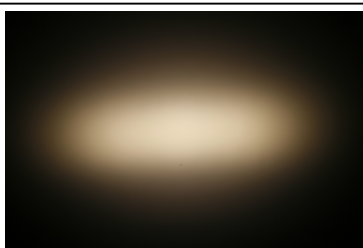
LUMILEDS

LED LUXEON Rebel ES
FWHM 47.0 + 17.0°
Efficiency 80 %
Peak intensity 2.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



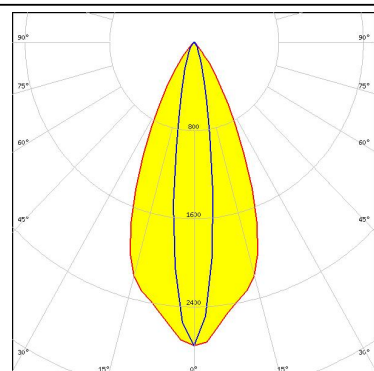
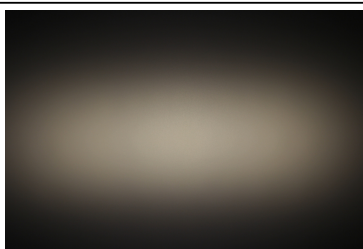
LUMILEDS

LED LUXEON T
FWHM 47.0 + 17.0°
Efficiency 80 %
Peak intensity 2.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

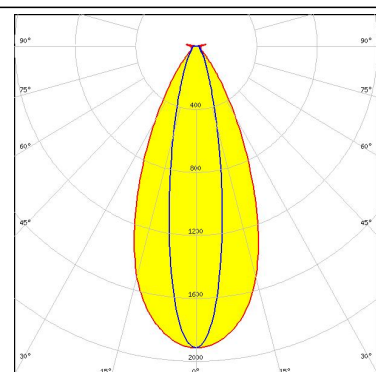
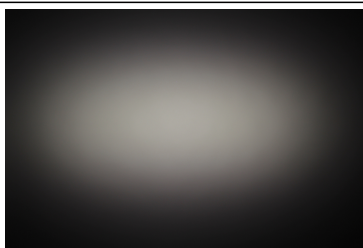
LED LUXEON TX
FWHM 46.0 + 16.0°
Efficiency 77 %
Peak intensity 2.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



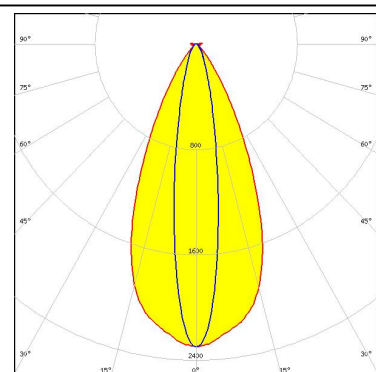
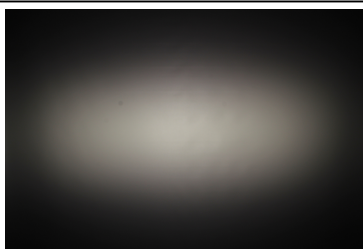
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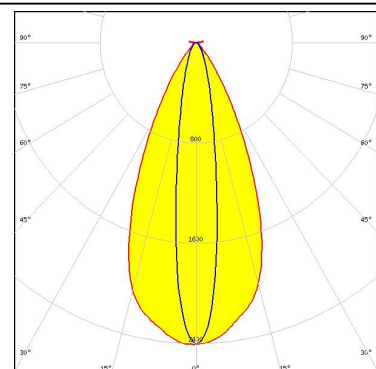
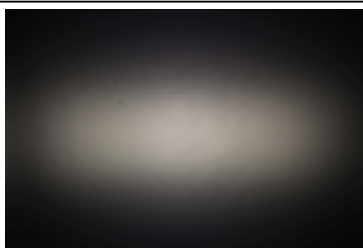
LED LUXEON V
FWHM 46.0 + 21.0°
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



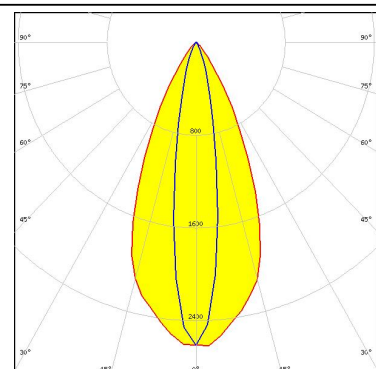
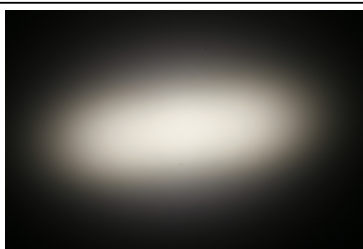
LED LUXEON V2
FWHM 47.0 + 17.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM 48.0 + 16.0°
Efficiency 88 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



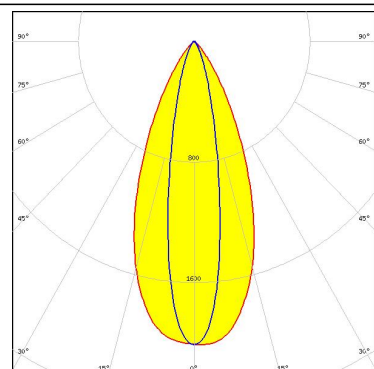
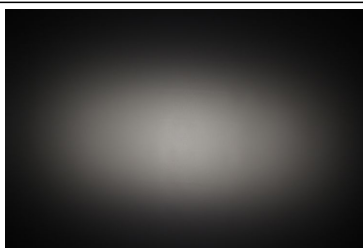
LED NVSxx19B/NVSxx19C
FWHM 47.0 + 18.0°
Efficiency 80 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



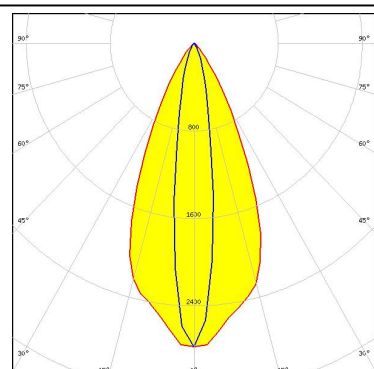
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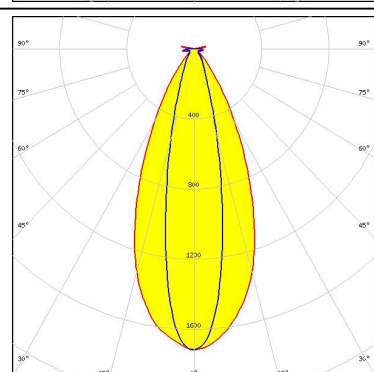
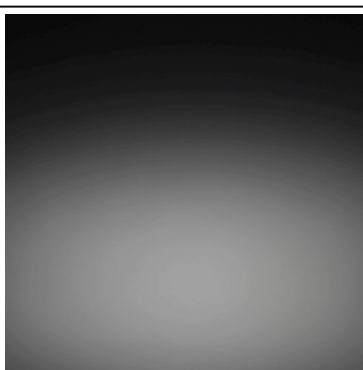
LED NWSx229A
FWHM 20.0 + 45.0°
Efficiency 74 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



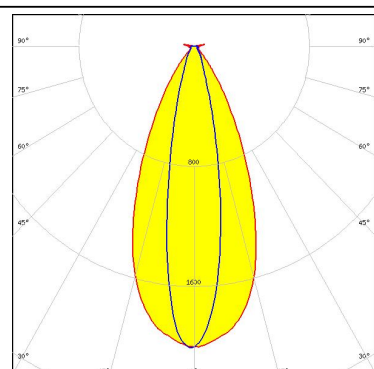
LED OSLOX Square EC
FWHM 47.0 + 17.0°
Efficiency 79 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH181A
FWHM 46.0 + 22.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



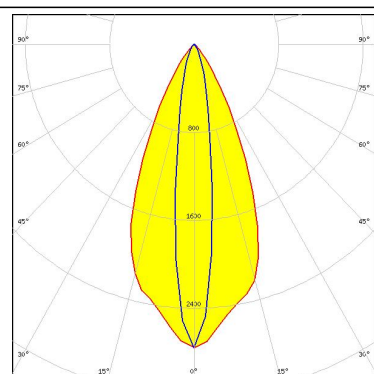
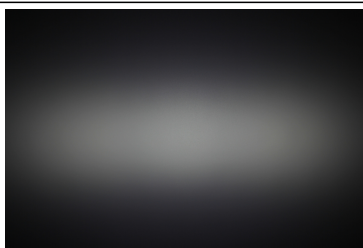
LED LH181B
FWHM 46.0 + 21.0°
Efficiency 88 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

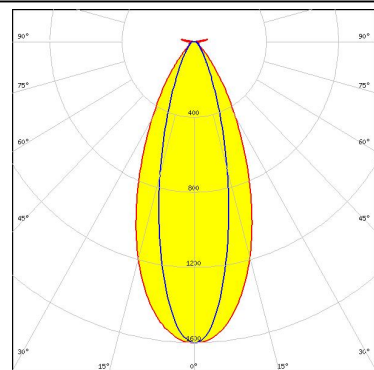
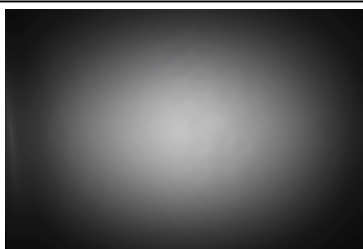
SAMSUNG

LED LH351Z
FWHM 47.0 + 15.0°
Efficiency 78 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



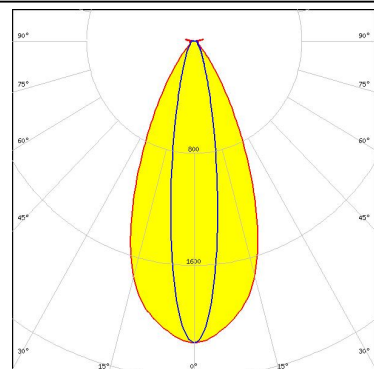
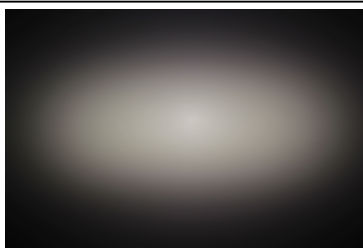
SEOUL SEMICONDUCTOR

LED MJT 5050
FWHM 45.0 + 28.0°
Efficiency 87 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



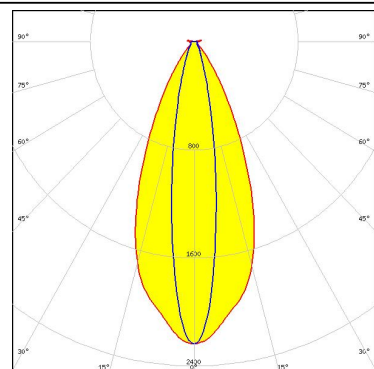
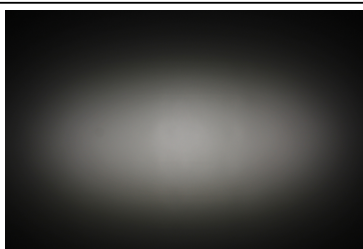
SEOUL SEMICONDUCTOR

LED Z5M3
FWHM 47.0 + 18.0°
Efficiency 89 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

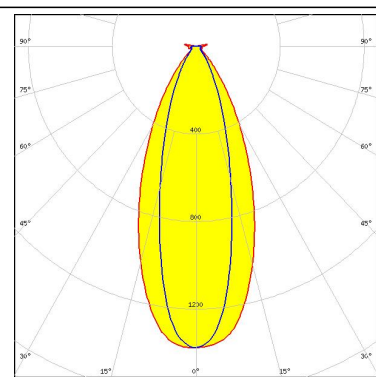
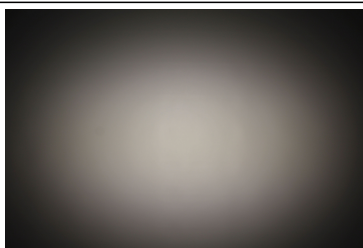
LED Z8Y22P
FWHM 45.0 + 18.0°
Efficiency 86 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

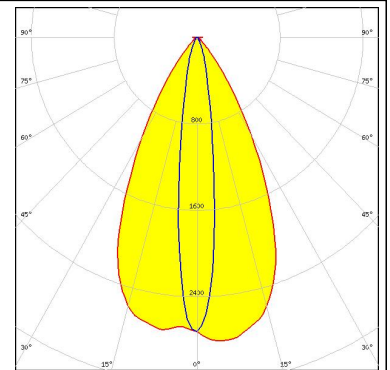
LED Z8Y50P
FWHM 45.0 + 29.0°
Efficiency 81 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



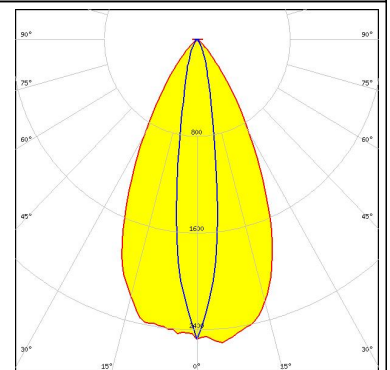
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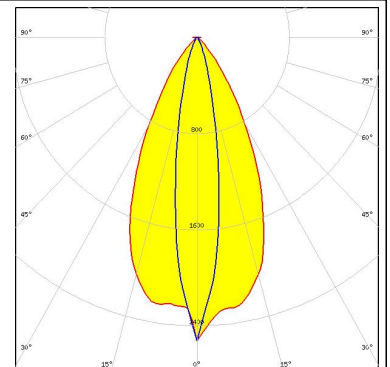
LED XP-G2 HE
 FWHM 54.0 + 14.0°
 Efficiency 92 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



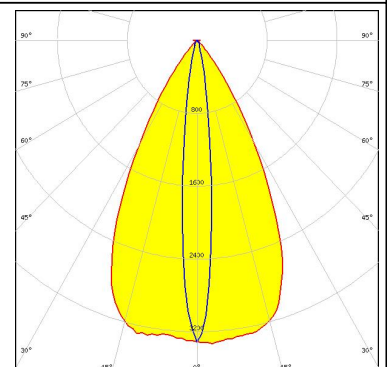
LED XP-L HD
 FWHM 53.0 + 16.0°
 Efficiency 86 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NV4WB35AM
 FWHM 50.0 + 18.0°
 Efficiency 88 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



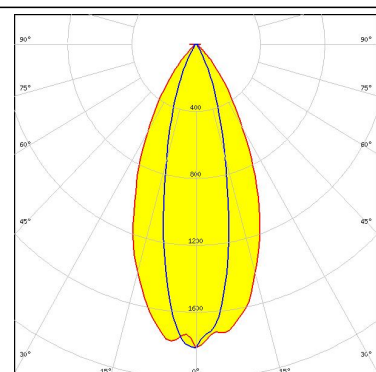
LED OSCONIQ P 3030
 FWHM 56.0 + 12.0°
 Efficiency 88 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

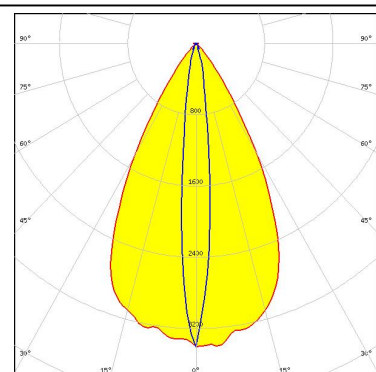
OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
FWHM 49.0 + 25.0°
Efficiency 84 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



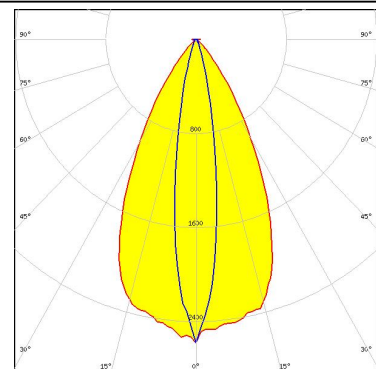
OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM 56.0 + 12.0°
Efficiency 88 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOL
SEOUL SEMICONDUCTOR

LED Z8Y22T
FWHM 54.0 + 16.0°
Efficiency 89 %
Peak intensity 2.6 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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where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)