

VERONICA-SQ-O

~55° + 12° oval beam

TECHNICAL SPECIFICATIONS:

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

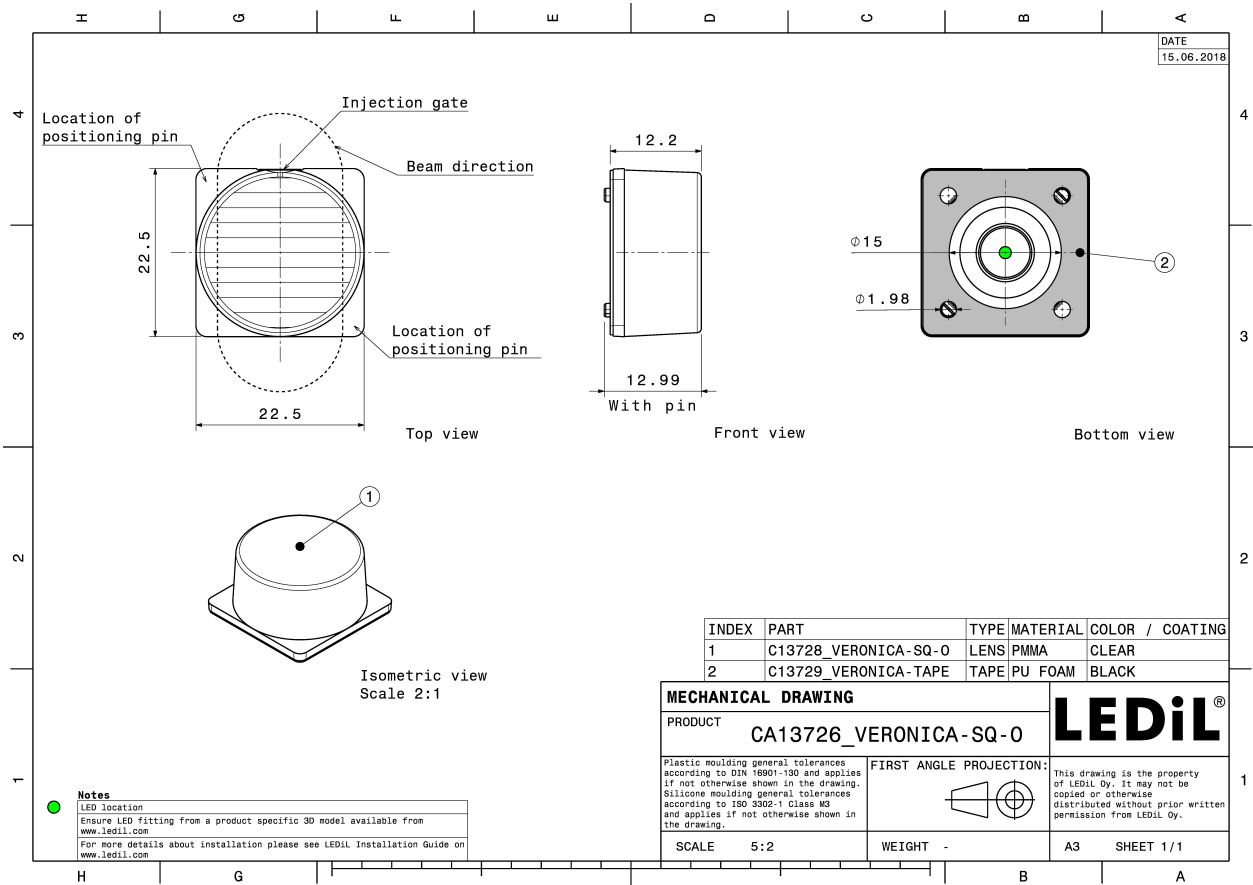
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

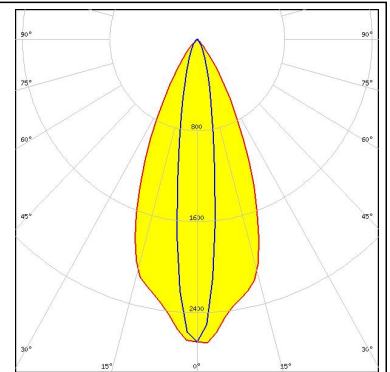
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13726_VERONICA-SQ-O	Single lens	1980	360	90	8.2
» Box size: 480 x 280 x 300 mm					



PHOTOMETRIC DATA (MEASURED):

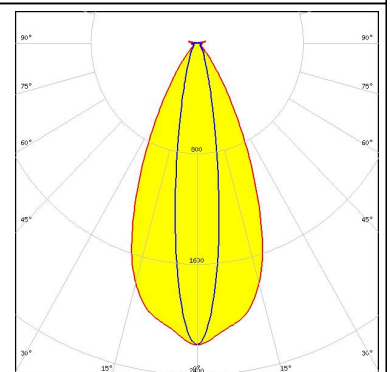
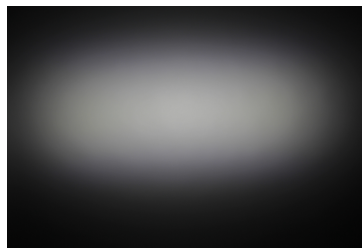
CREE

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:



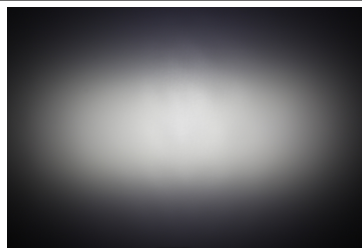
CREE

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



CREE

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:



CREE

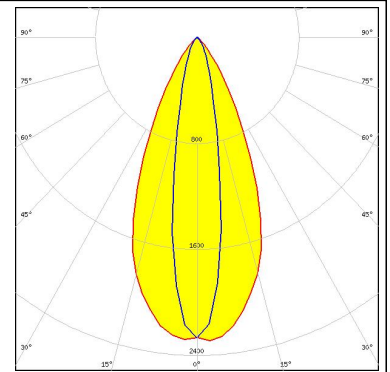
LED XHP35 HI
 FWHM 46.0 + 16.0°
 Efficiency 75 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

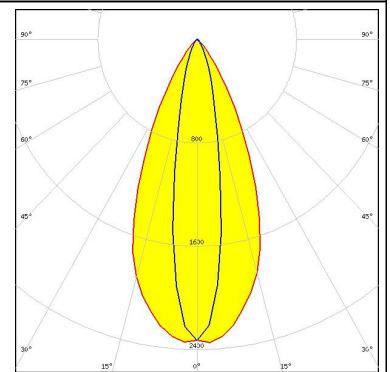
CREE 

LED XM-L
 FWHM 47.0 + 20.0°
 Efficiency 80 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



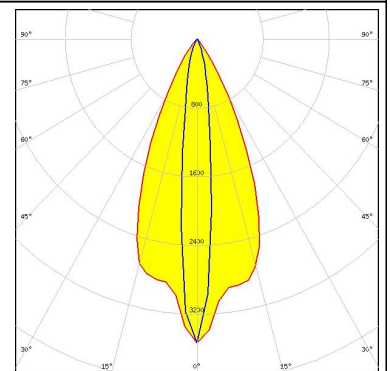
CREE 

LED XM-L2
 FWHM 47.0 + 20.0°
 Efficiency 80 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



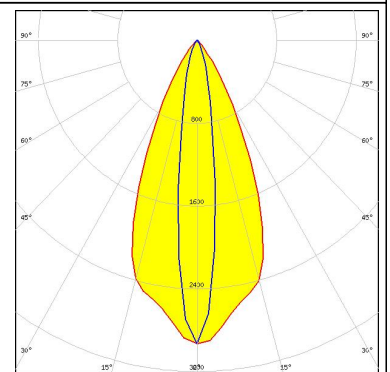
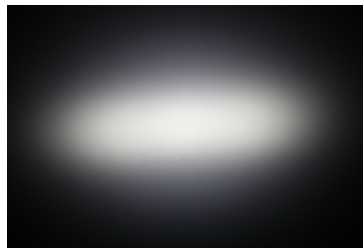
CREE 

LED XP-E2
 FWHM 46.0 + 12.0°
 Efficiency 80 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE 

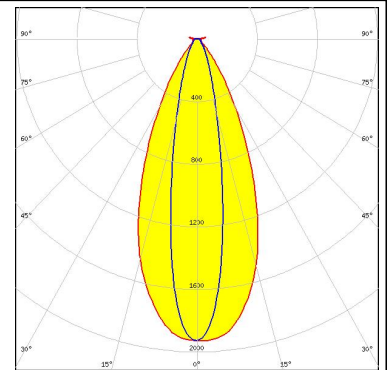
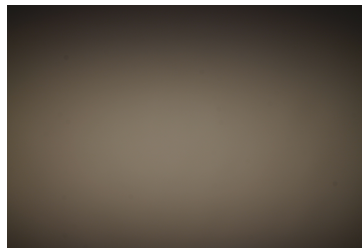
LED XP-G2
 FWHM 47.0 + 14.0°
 Efficiency 80 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



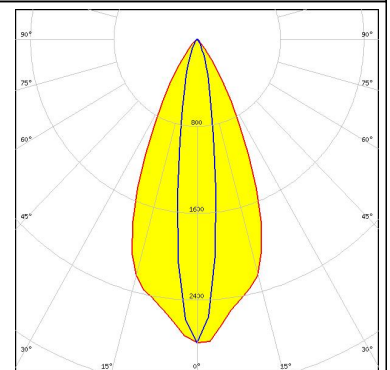
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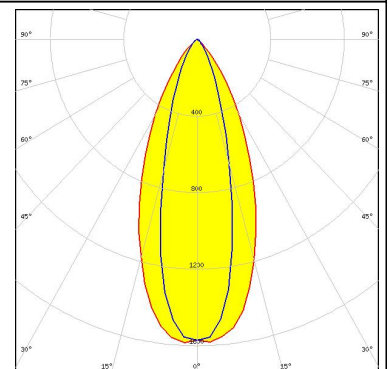
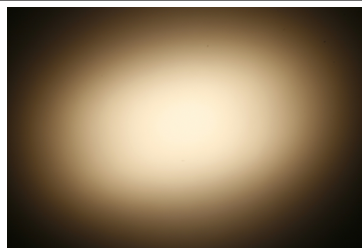
LED XP-L2
 FWHM 45.0 + 20.0°
 Efficiency 86 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



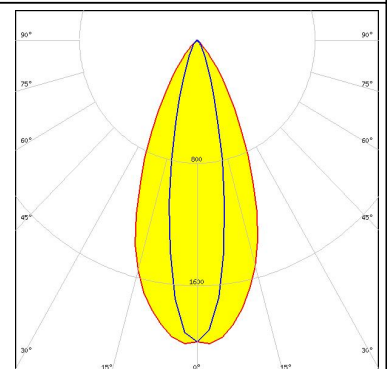
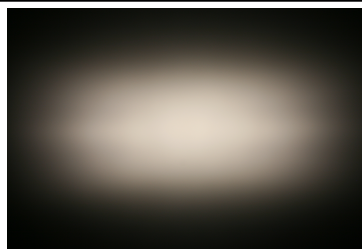
LED XT-E
 FWHM 47.0 + 16.0°
 Efficiency 79 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



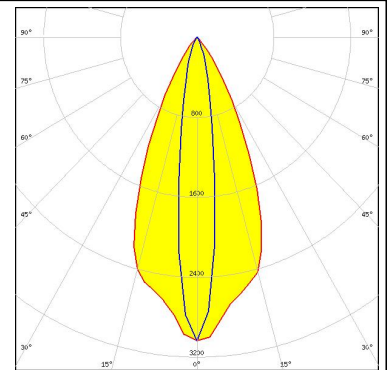
LED LUXEON MZ
 FWHM 47.0 + 23.0°
 Efficiency 73 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

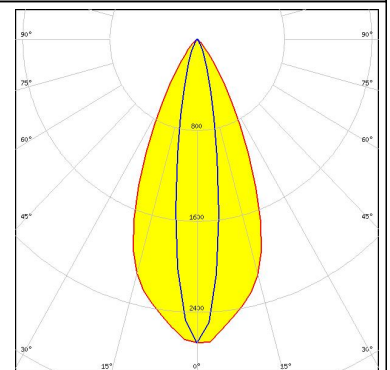
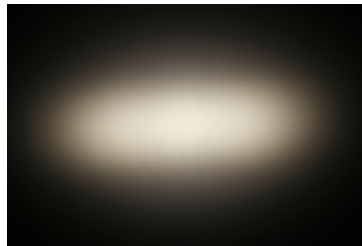
LUMILEDS

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



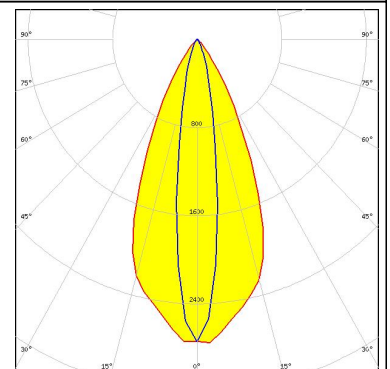
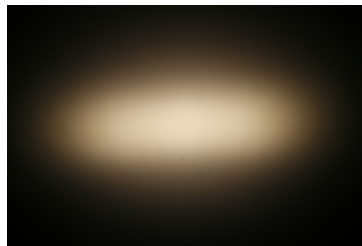
LUMILEDS

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:



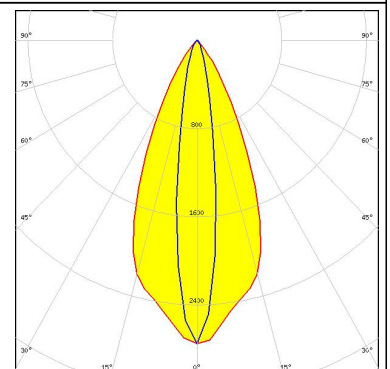
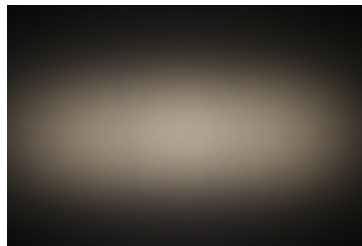
LUMILEDS

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:


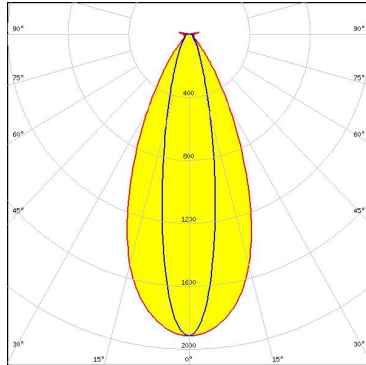
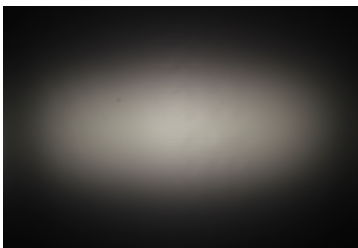
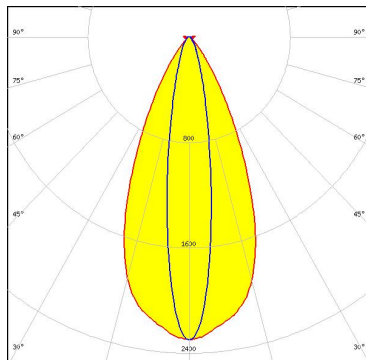

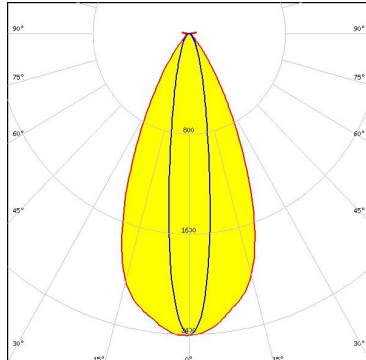
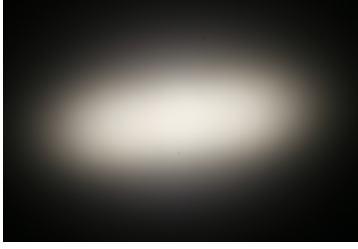
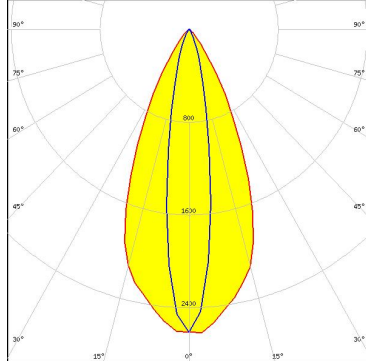


LUMILEDS

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:



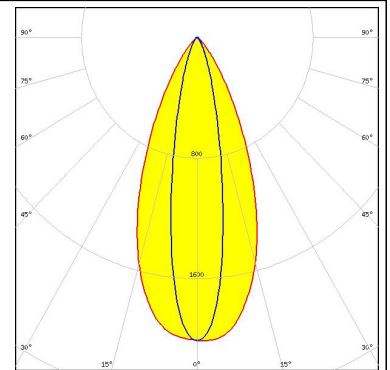
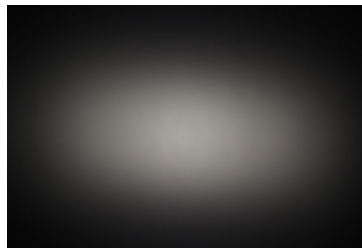
PHOTOMETRIC DATA (MEASURED):

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

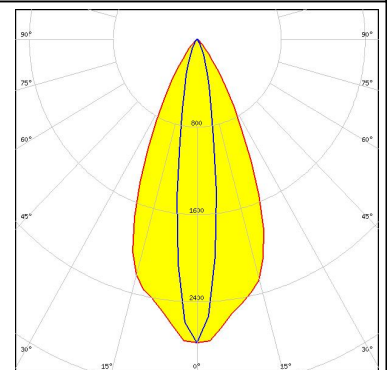
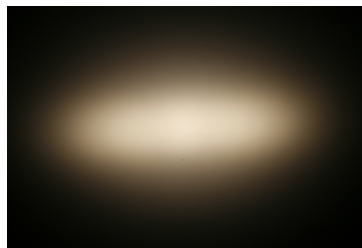
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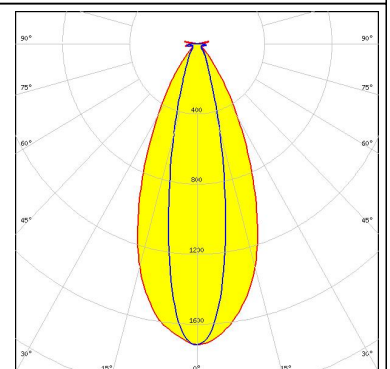
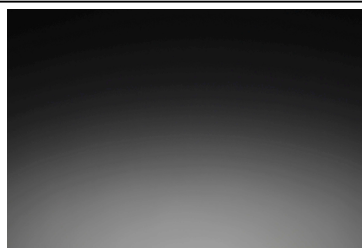
LED NWSx229A
 FWHM 20.0 + 45.0°
 Efficiency 74 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



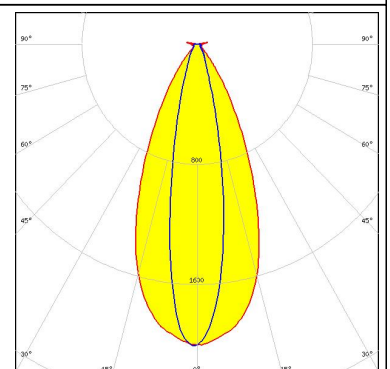
LED OSLOM Square EC
 FWHM 47.0 + 17.0°
 Efficiency 79 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



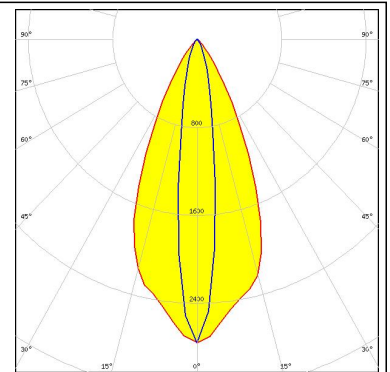
LED LH181B
 FWHM 46.0 + 21.0°
 Efficiency 88 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



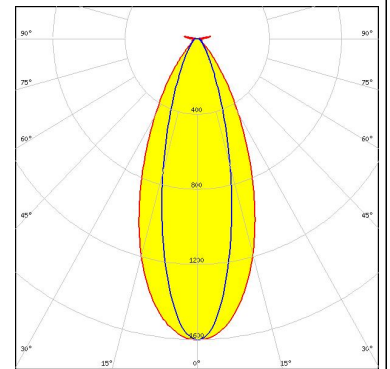
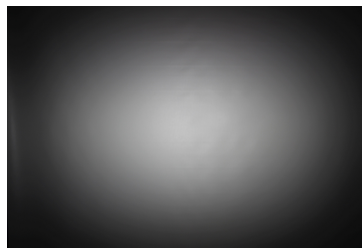
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

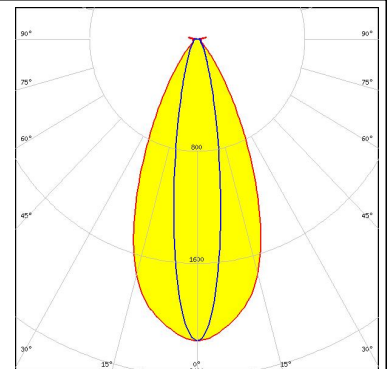
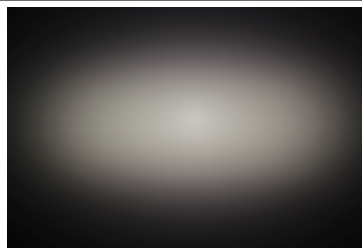
LED LH351Z
 FWHM 47.0 + 15.0°
 Efficiency 78 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



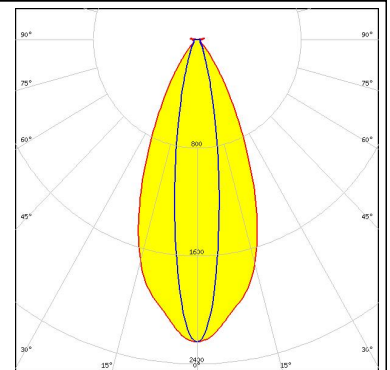
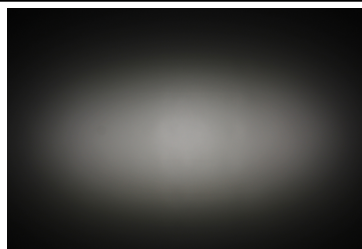
SEOUL SEMICONDUCTOR
 LED MJT 5050
 FWHM 45.0 + 28.0°
 Efficiency 87 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



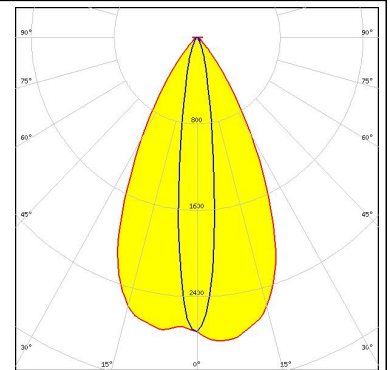
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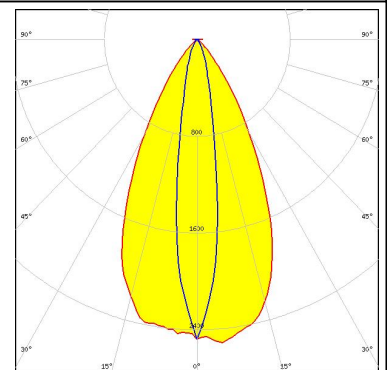
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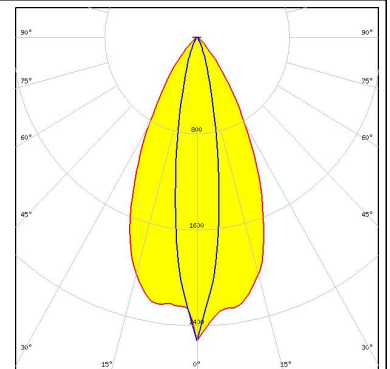
LED XP-G2 HE
 FWHM 54.0 + 14.0°
 Efficiency 92 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



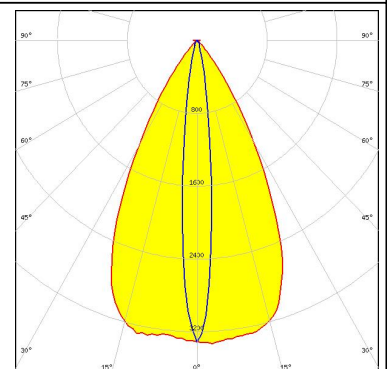
LED XP-L HD
 FWHM 53.0 + 16.0°
 Efficiency 86 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



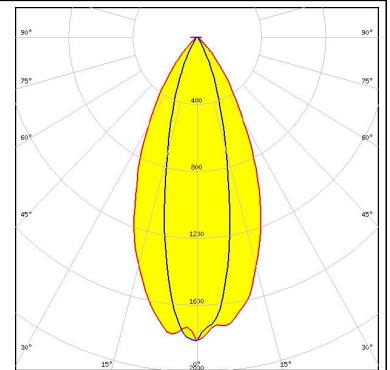
LED OSCONIQ P 3030
 FWHM 56.0 + 12.0°
 Efficiency 88 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

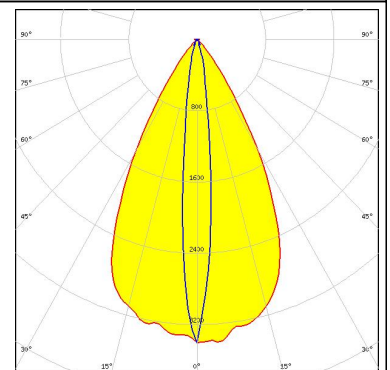
OSRAM Opto Semiconductors

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:



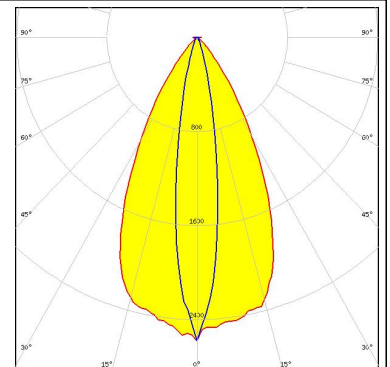
OSRAM Opto Semiconductors

LED OSOLON 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:



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

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LEDiL Oy

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USA

Local sales and technical support

[www.ledil.com/
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)

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Телефон: +7 495 668-12-70 (многоканальный)

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