


VERONICA-SQ-W

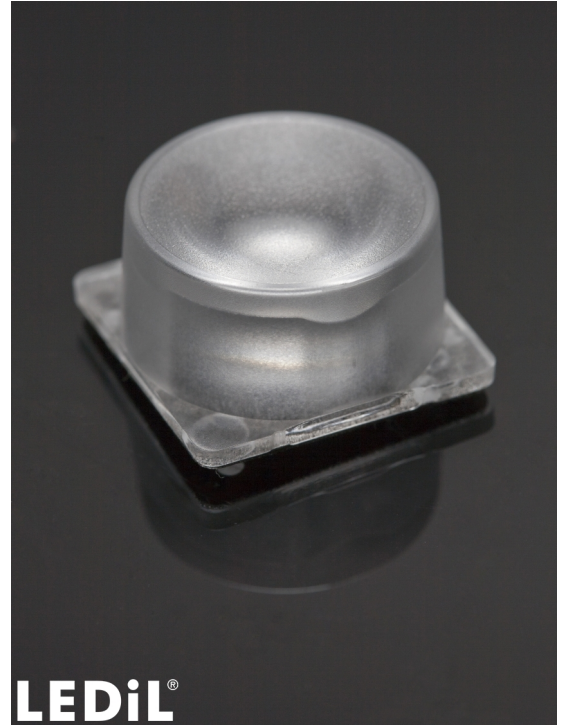
~50° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	22.5 mm
Height	11.8 mm
Fastening	tape
ROHS compliant	yes 

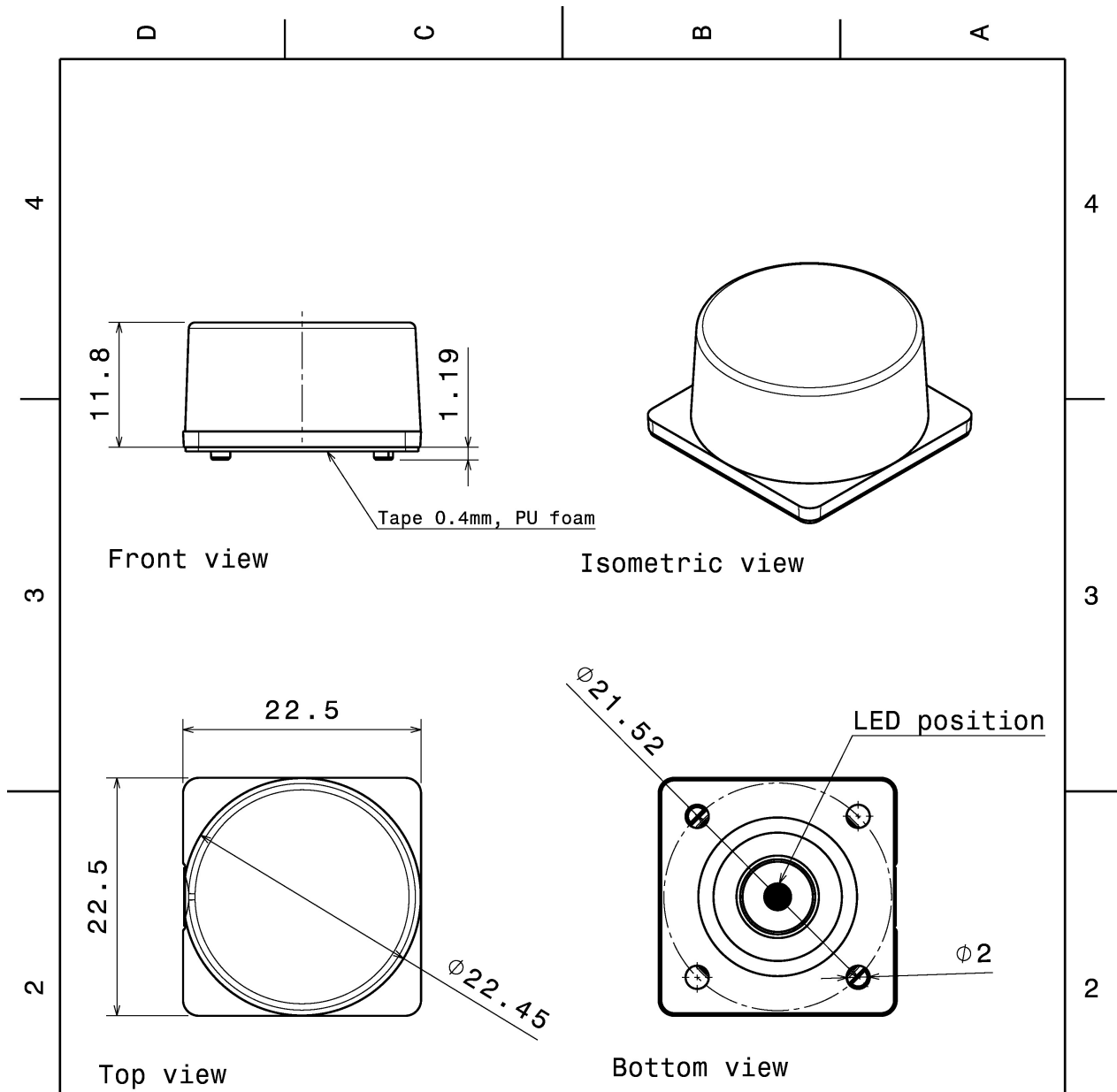
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

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



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14447	VERONICA-SQ-W	PMMA	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

CA14442_VERONICA-SQ-W

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SIZE PART NUMBER

A4

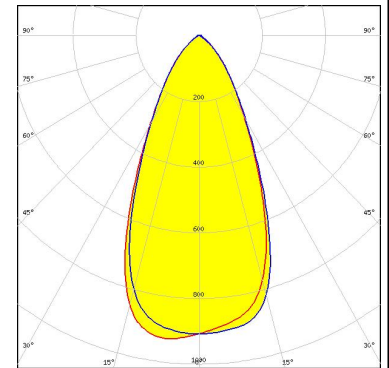
CA14442

SCALE 2:1 WEIGHT 3,90 g SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

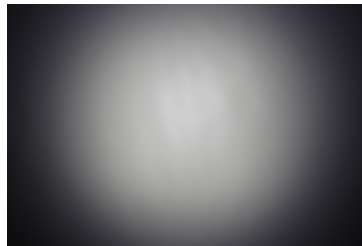
CREE

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



CREE

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



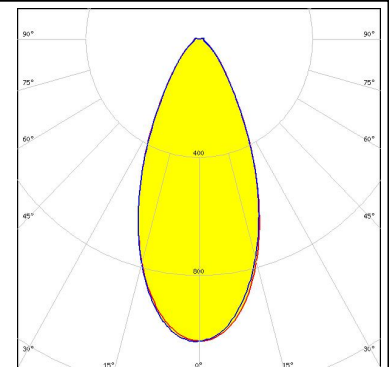
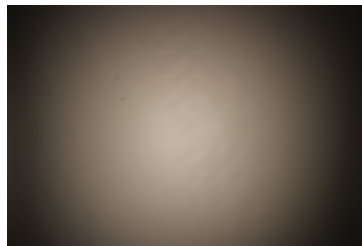
CREE

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



CREE

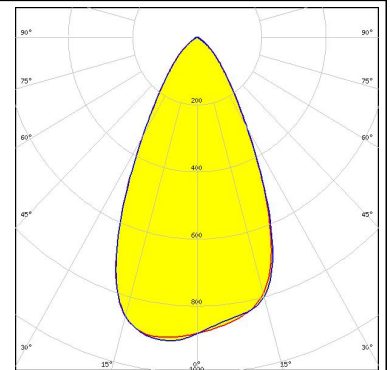
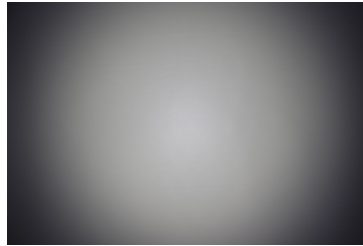
LED XHP50.2
 FWHM 47.0°
 Efficiency 86 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

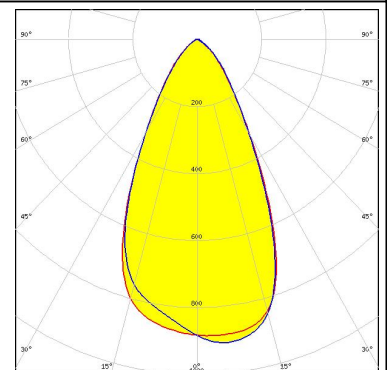
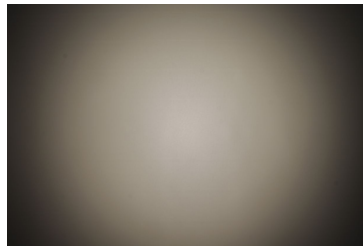
CREE

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



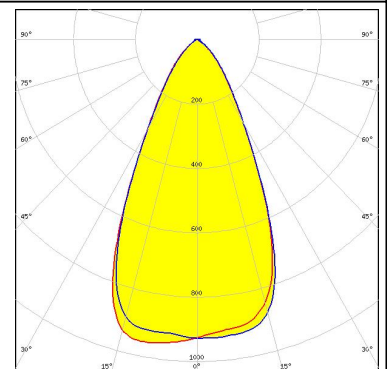
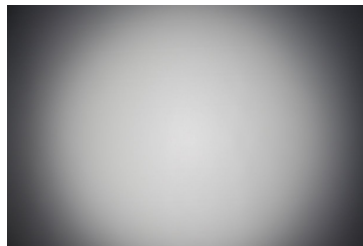
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LED XM-L2
 FWHM 53.0°
 Efficiency 80 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



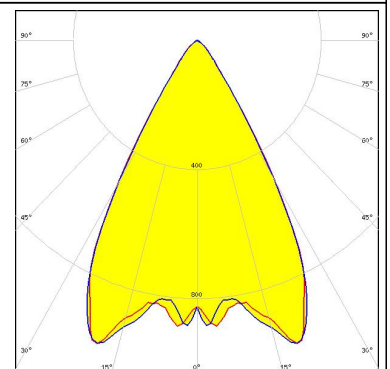
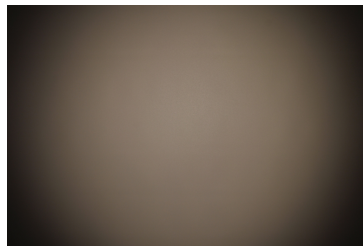
CREE

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



CREE

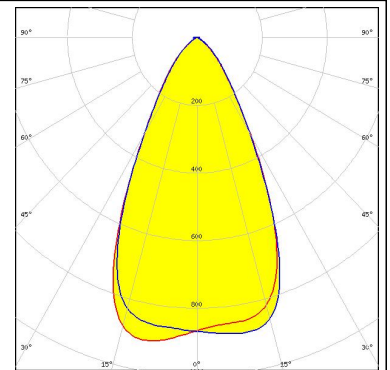
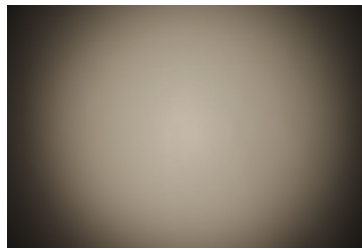
LED XP-E2
 FWHM 52.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



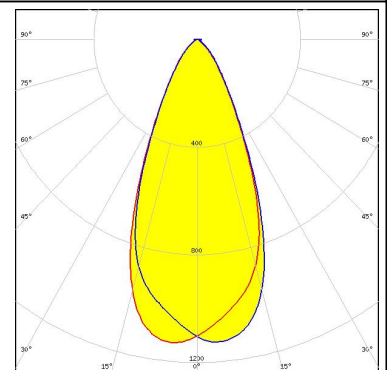
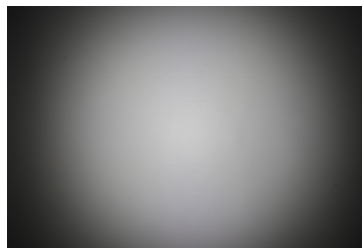
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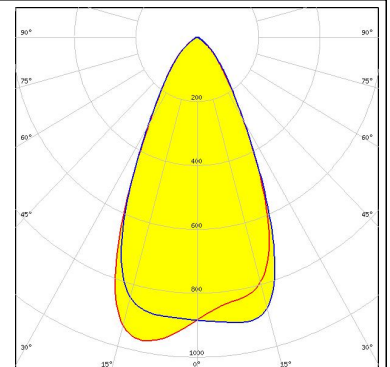
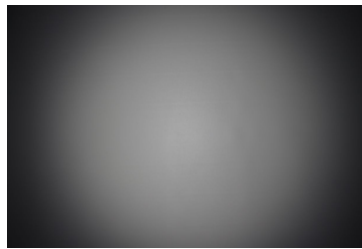
LED XP-G
 FWHM 53.0°
 Efficiency 81 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



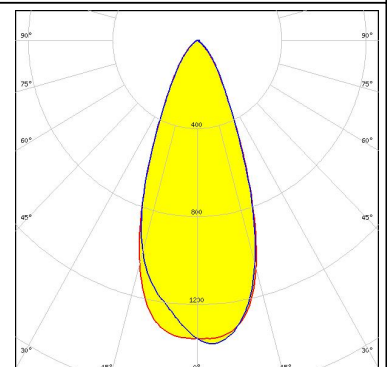
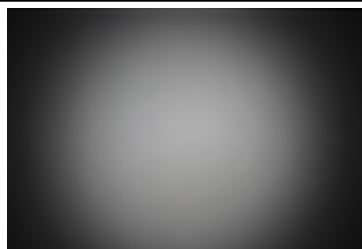
LED XT-E
 FWHM 46.0°
 Efficiency 80 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




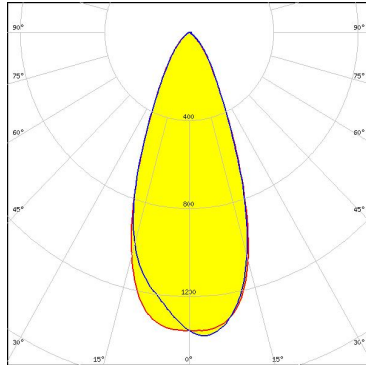
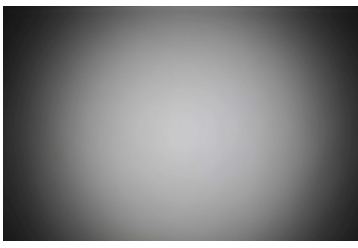
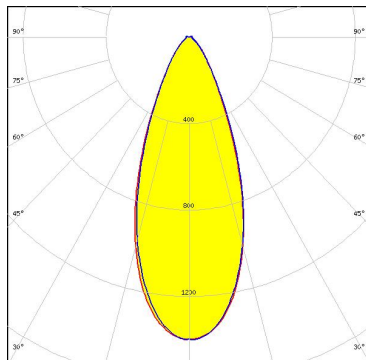

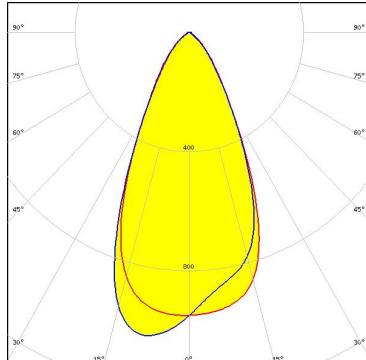
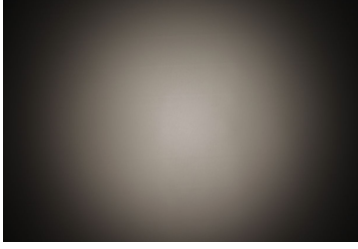
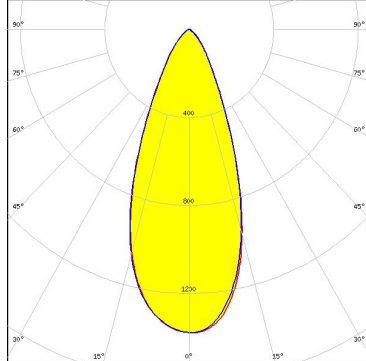
LED H35C1 (LEMWA33)
 FWHM 52.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



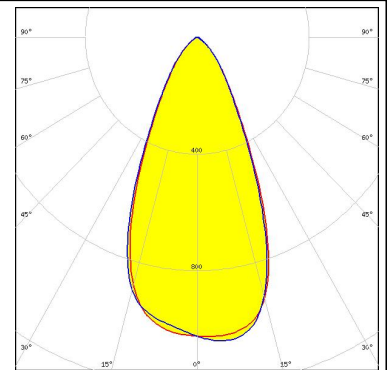
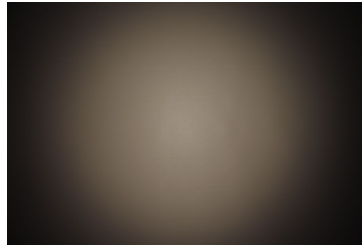
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Square LES)</p> <p>FWHM 42.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM 41.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON A</p> <p>FWHM 50.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON MZ</p> <p>FWHM 41.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

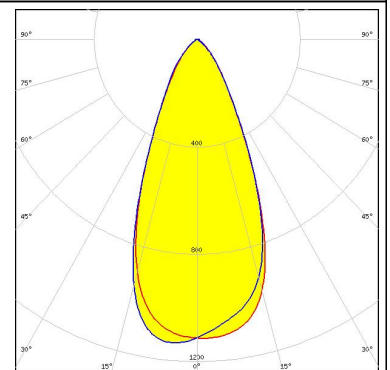
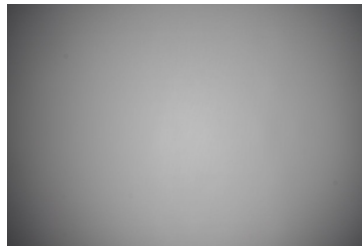
LUMILEDS

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



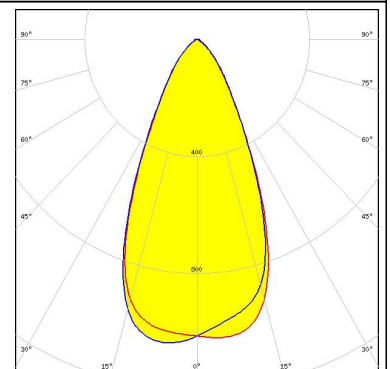
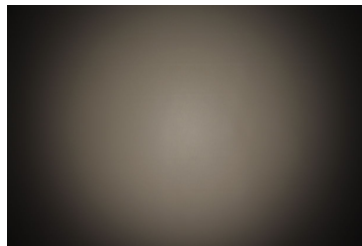
LUMILEDS

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



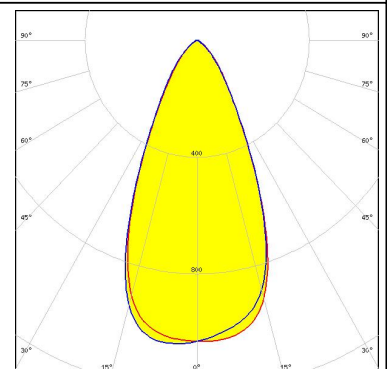
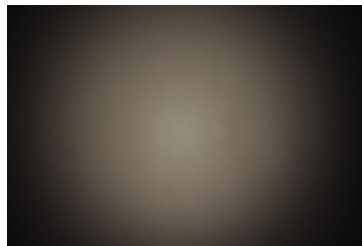
LUMILEDS

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



LUMILEDS

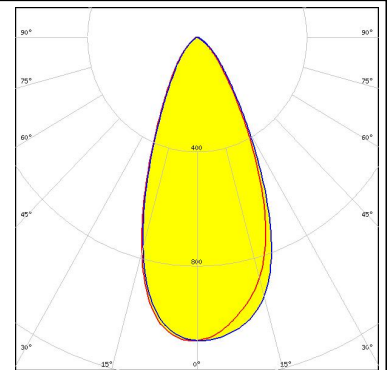
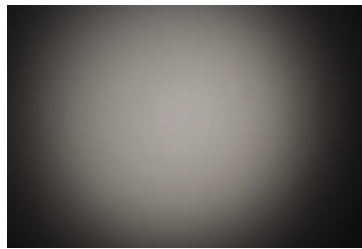
LED LUXEON TX
 FWHM 48.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

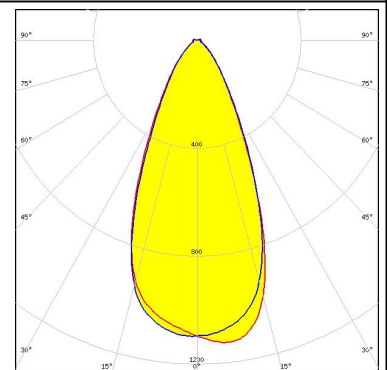
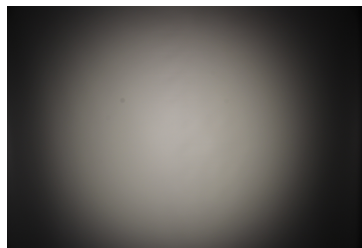
LUMILEDS

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



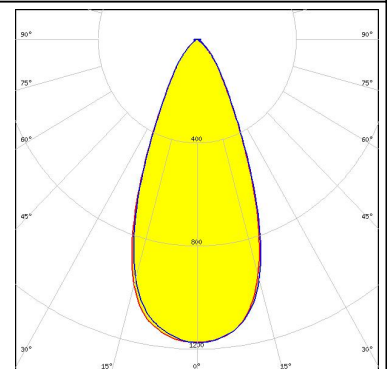
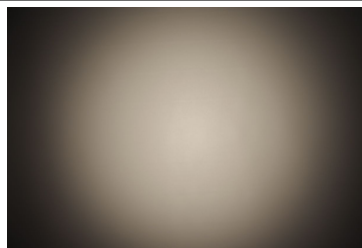
LUMILEDS

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



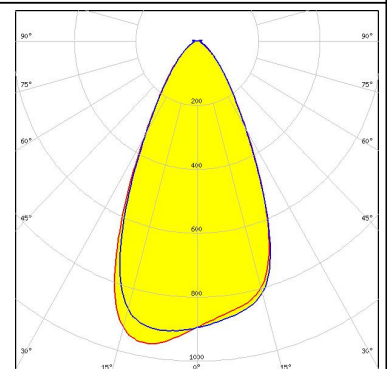
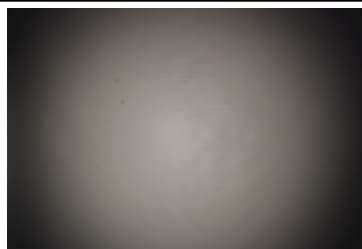
NICHIA

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



NICHIA

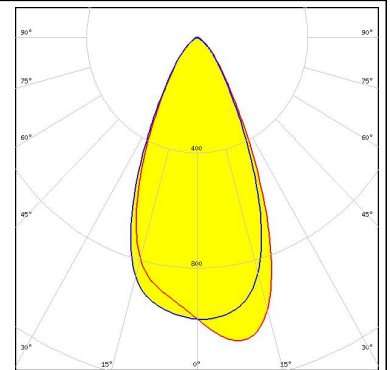
LED NVSW219F
 FWHM 52.0°
 Efficiency 88 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



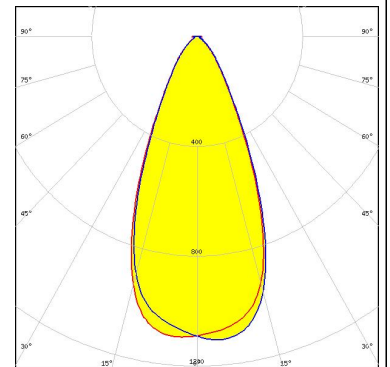
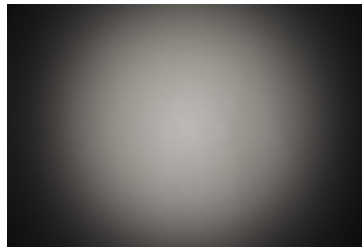
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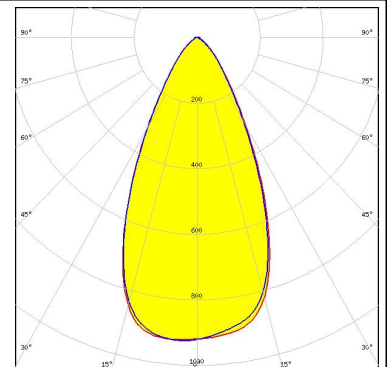
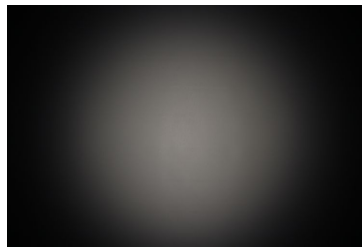
LED NVSW3x9A
 FWHM 48.0°
 Efficiency 78 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



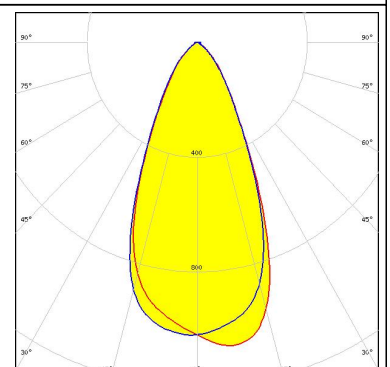
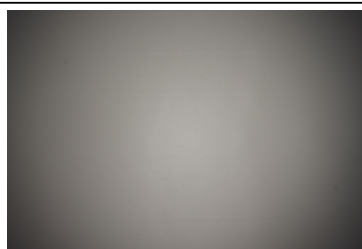
LED NVSxx19B/NVSxx19C
 FWHM 46.0°
 Efficiency 81 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



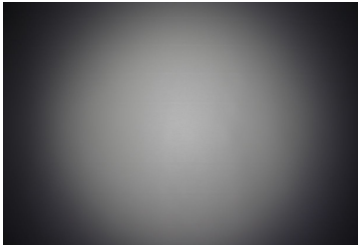
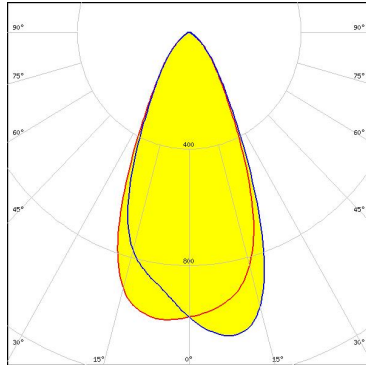
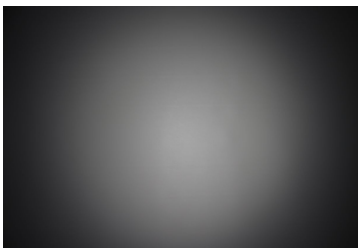
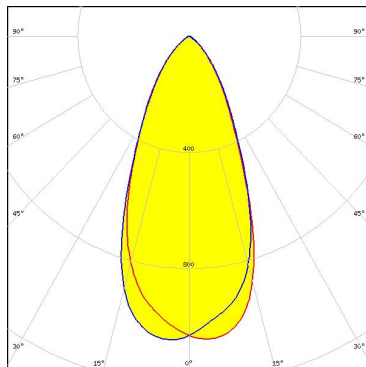

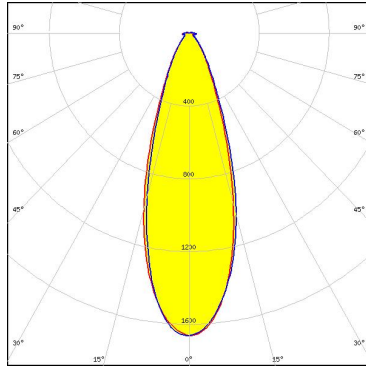
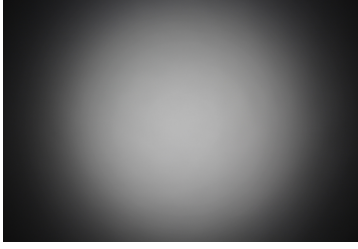
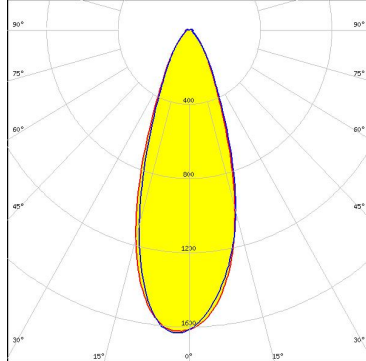
LED NWSx229A
 FWHM 51.0°
 Efficiency 78 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:





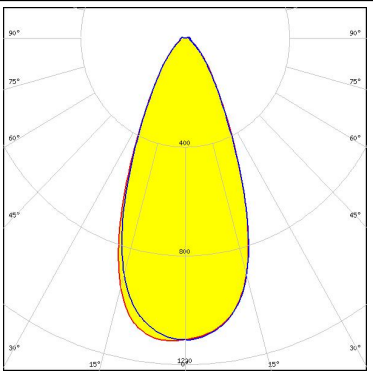


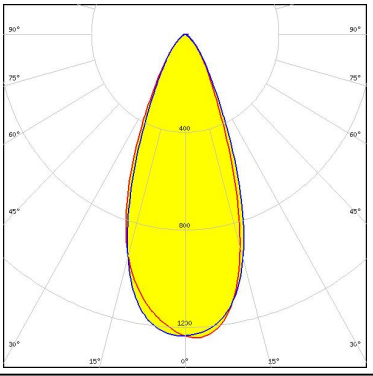

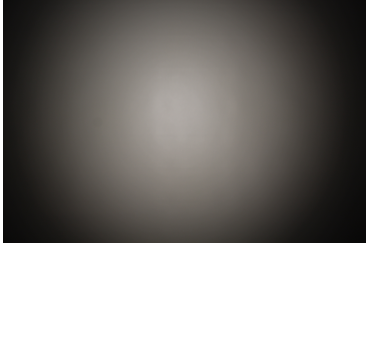
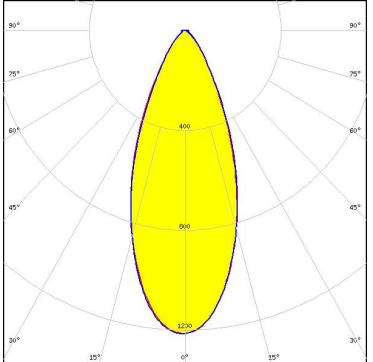
LED OSLON Square EC
 FWHM 48.0°
 Efficiency 80 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square PC FWHM 48.0° Efficiency 79 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 80 FWHM 46.0° Efficiency 80 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SAMSUNG</p> <p>LED LH181A FWHM 34.0° Efficiency 87 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SAMSUNG</p> <p>LED LH181B FWHM 37.0° Efficiency 90 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

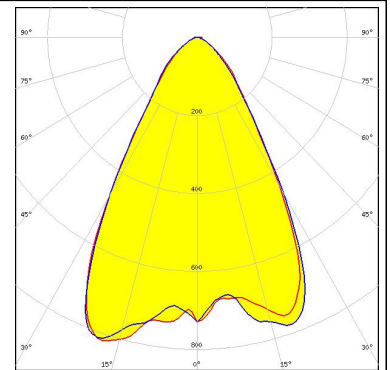
PHOTOMETRIC DATA (MEASURED):

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

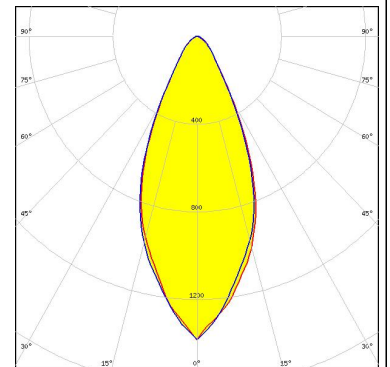
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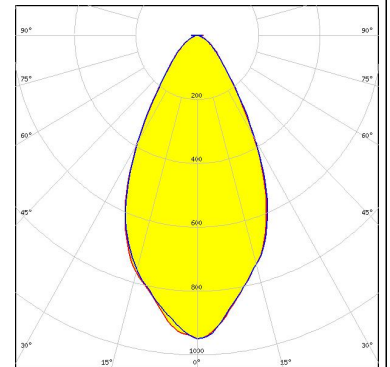
LED XP-G2 HE
 FWHM 62.0°
 Efficiency 97 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



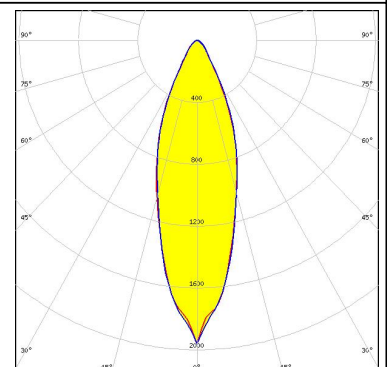
LED LUXEON M/MX
 FWHM 45.0°
 Efficiency 94 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



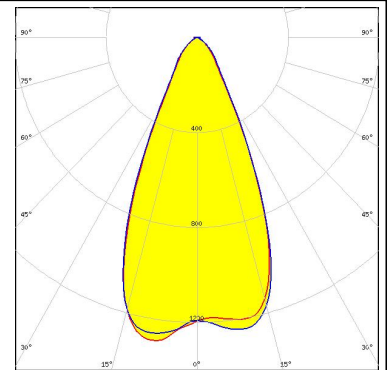
LED OSCONIQ C 2424
 FWHM 32.0°
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

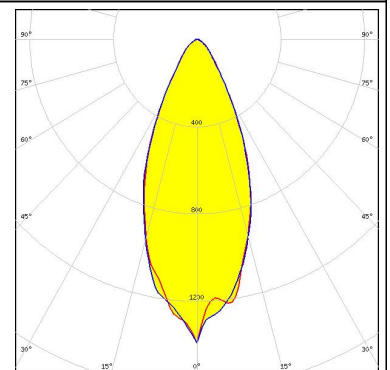
OSRAM Opto Semiconductors

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



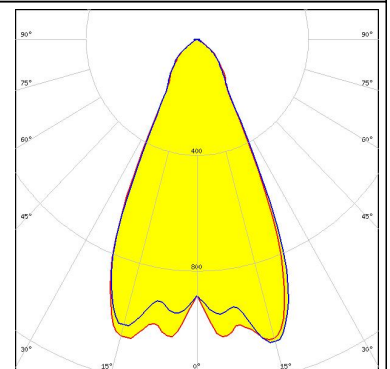
OSRAM Opto Semiconductors

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



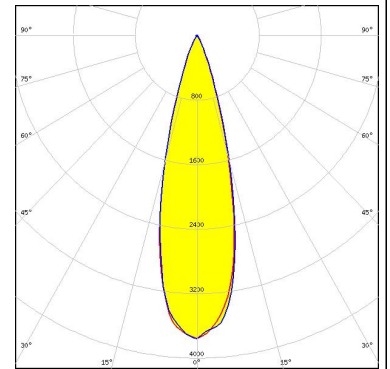
OSRAM Opto Semiconductors

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:

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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Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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