

LISA2-WWW-PIN

~80° wide beam. 7.0 mm high variant with location pin installation.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA2-WWW	Single lens	PMMA	clear	
LISA2-HLD-PIN	Holder	PC	black	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11429_LISA2-WWW-PIN	Single lens	2000		100	1.4
» Box size:					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F10989	LISA2-HLD-PIN	PC	black
2	-	LISA2_lens	PMMA	

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
Lisa2-PIN-XP assembly

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SIZE	PART NUMBER
A4	-

SCALE	WEIGHT	SHEET
4:1	0,5 g	1/1

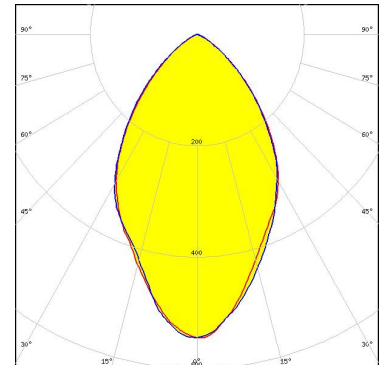
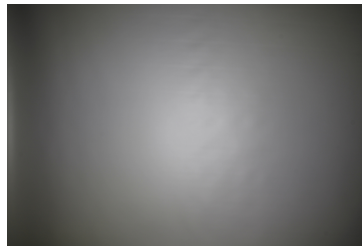
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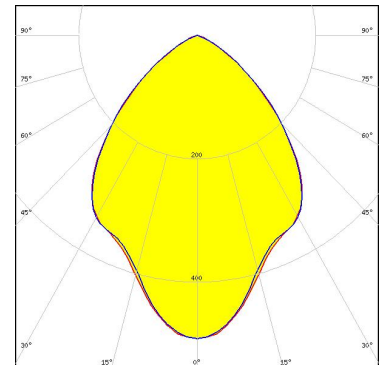
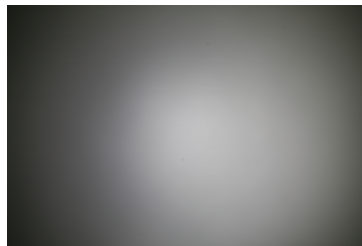
LED XB-D
FWHM 73.0°
Efficiency 71 %
LEDs/each optic 1
Light colour White
Required components:



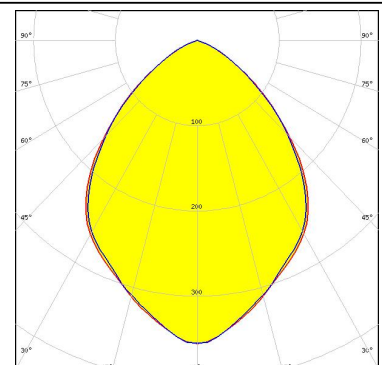
LED XD16
FWHM 66.0°
Efficiency 66 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E
FWHM 84.0°
Efficiency 77 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



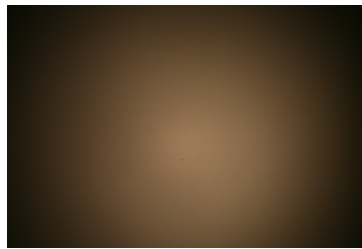
LED XP-G
FWHM 86.0°
Efficiency 75 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

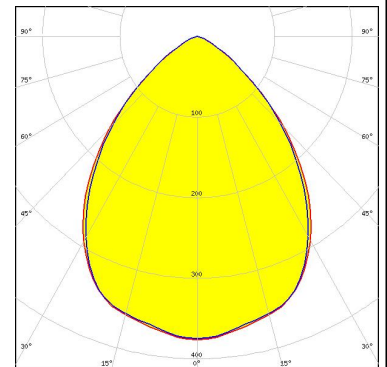
LUMILEDS

LED LUXEON A
FWHM 86.0°
Efficiency 72 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



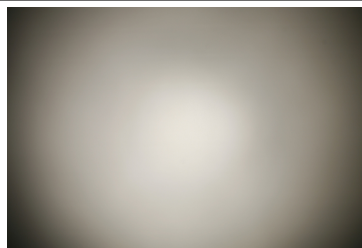
LUMILEDS

LED LUXEON Rebel ES
FWHM 88.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



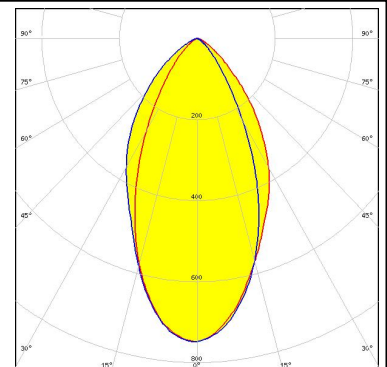
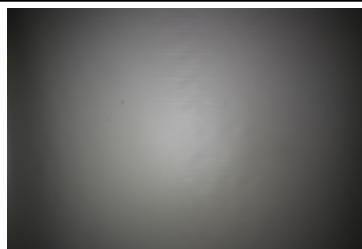
LUMILEDS

LED LUXEON Z
FWHM 73.0°
Efficiency 75 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NVSxE21A
FWHM 53.0°
Efficiency 70 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED SFH 4170S
FWHM 58.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

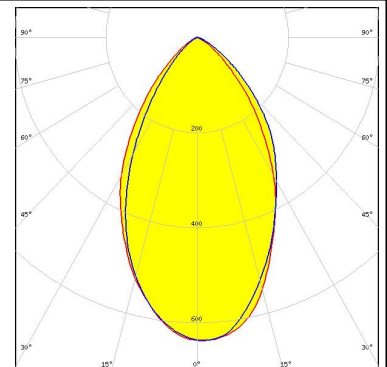
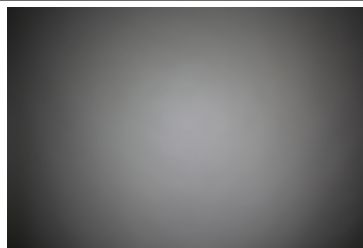
OSRAM

Opto Semiconductors

LED SFH 4180S
FWHM 57.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

SAMSUNG

LED LH181B
FWHM 62.0°
Efficiency 72 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



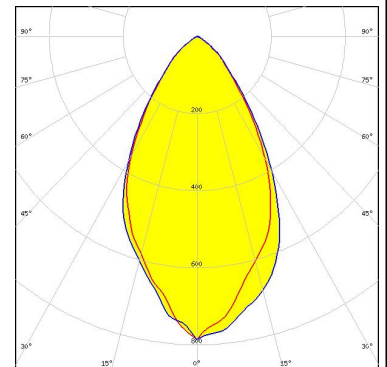
PHOTOMETRIC DATA (SIMULATED):



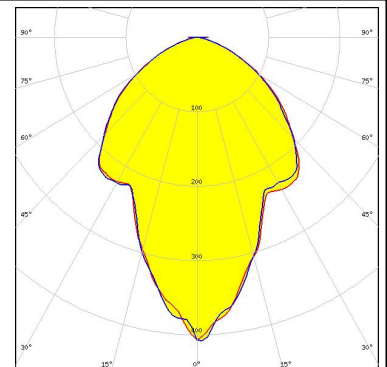
LED XQ-E HD
 FWHM 70.0°
 Efficiency 81 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



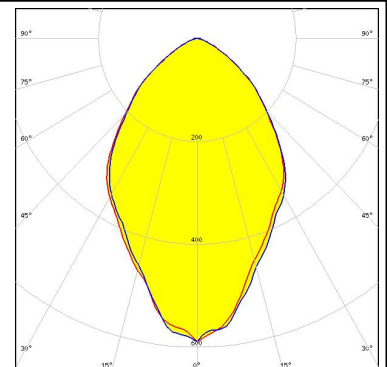
LED LUXEON IR 2720
 FWHM 58.0°
 Efficiency 76 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 84.0°
 Efficiency 73 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



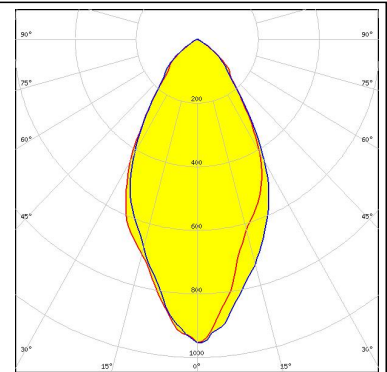
LED SST-20
 FWHM 73.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

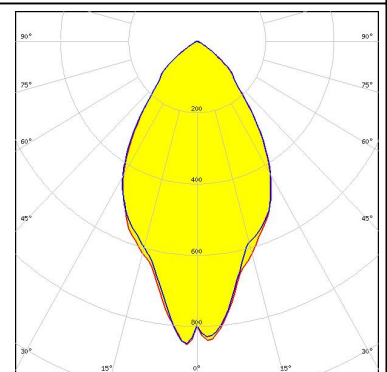
OSRAM Opto Semiconductors

LED SFH 4715AS
FWHM 54.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED SFH 4725S
FWHM 61.0°
Efficiency 88 %
LEDs/each optic 1
Light colour IR
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM 70.0°
Efficiency %
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.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

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

Shipping locations

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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:

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- Специальные условия для постоянных клиентов.
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- 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.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru