

CRYSTAL-MINE

~4.9° spot beam especially designed for mining headlamps

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 46.8 mm
Height	27.4 mm
Fastening	snaps
ROHS compliant	yes ⓘ

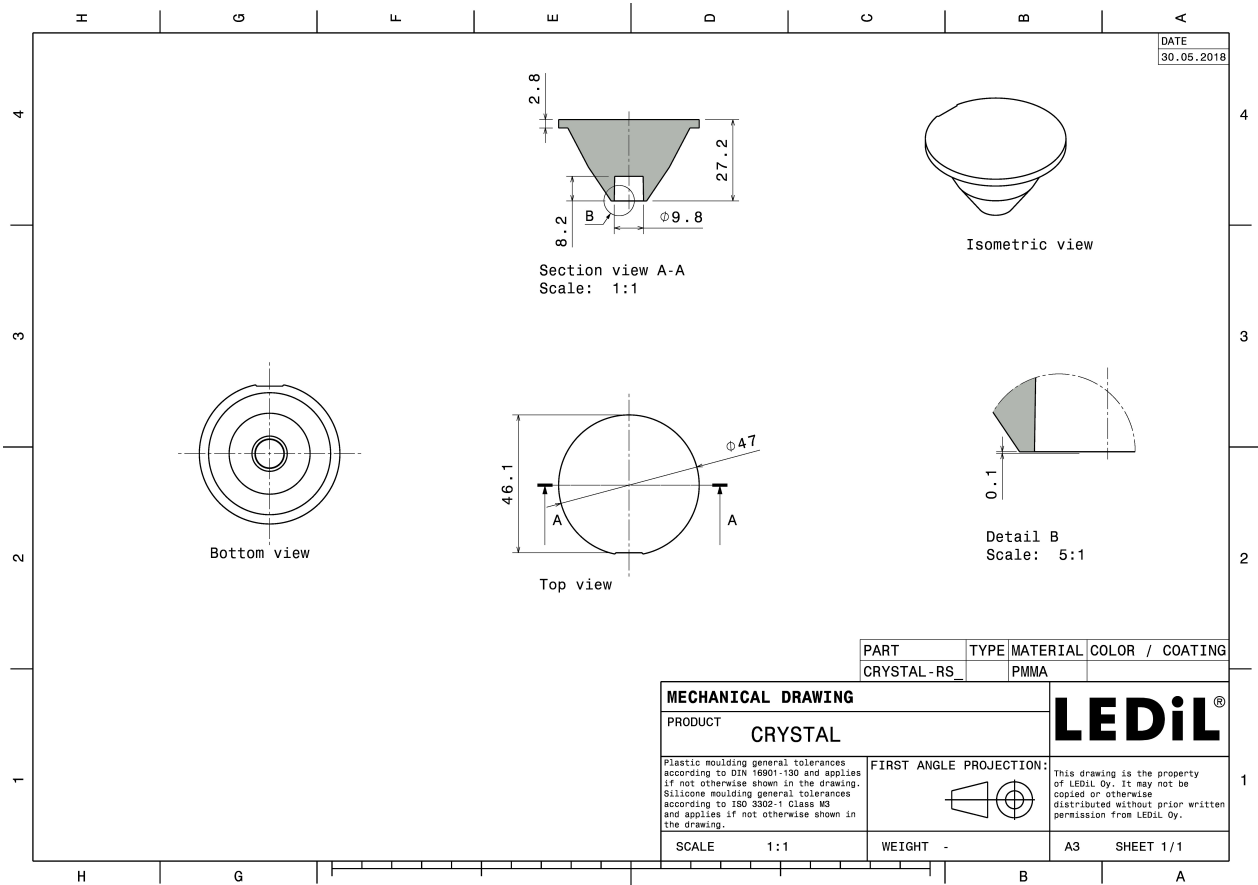
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
CRYSTAL-MINE	Single lens	PMMA	clear	



ORDERING INFORMATION:

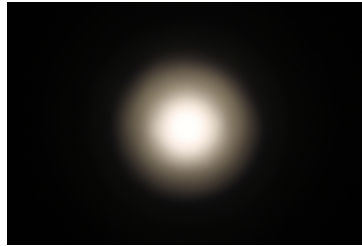
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F12985_CRYSTAL-MINE » Box size: 480 x 280 x 300 mm	288	64	32	7.1



PHOTOMETRIC DATA (MEASURED):

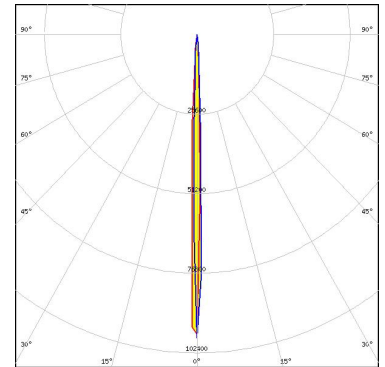
CREE

LED XM-L2
 FWHM 6.9°
 Efficiency 90 %
 Peak intensity 35.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



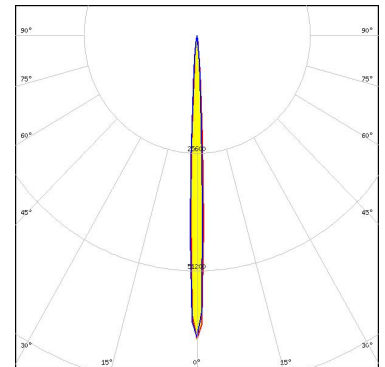
CREE

LED XP-E
 FWHM 3.0°
 Efficiency 92 %
 Peak intensity 96.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

LED XP-G
 FWHM 4.7°
 Efficiency 90 %
 Peak intensity 66.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

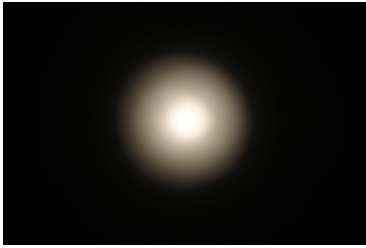

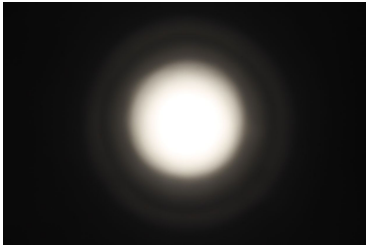
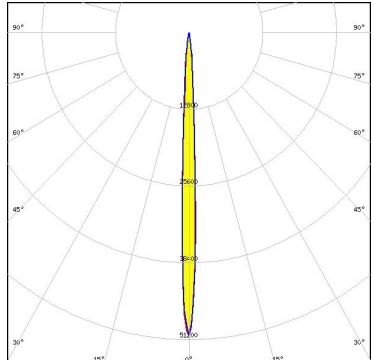



CREE

LED XP-G2
 FWHM 4.6°
 Efficiency 90 %
 Peak intensity 65.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



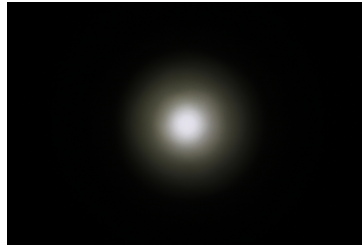
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON A FWHM 4.9° Efficiency 89 % Peak intensity 58.200 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON T FWHM 4.9° Efficiency 89 % Peak intensity 55.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON TX FWHM 5.0° Efficiency 94 % Peak intensity 50.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 
<p>NICHIA</p> <p>LED NCSxx19B FWHM 3.6° Efficiency 90 % Peak intensity 73.300 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH351B
FWHM 5.1°
Efficiency 90 %
Peak intensity 51.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351Z
FWHM 4.2°
Efficiency 90 %
Peak intensity 71.400 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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Hong Kong, China

Distribution Partners

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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:

- 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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