

## LXP-O-90

~10° x 40° oval beam optimized for CREE XP-E.  
14.7 mm high assembly with installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

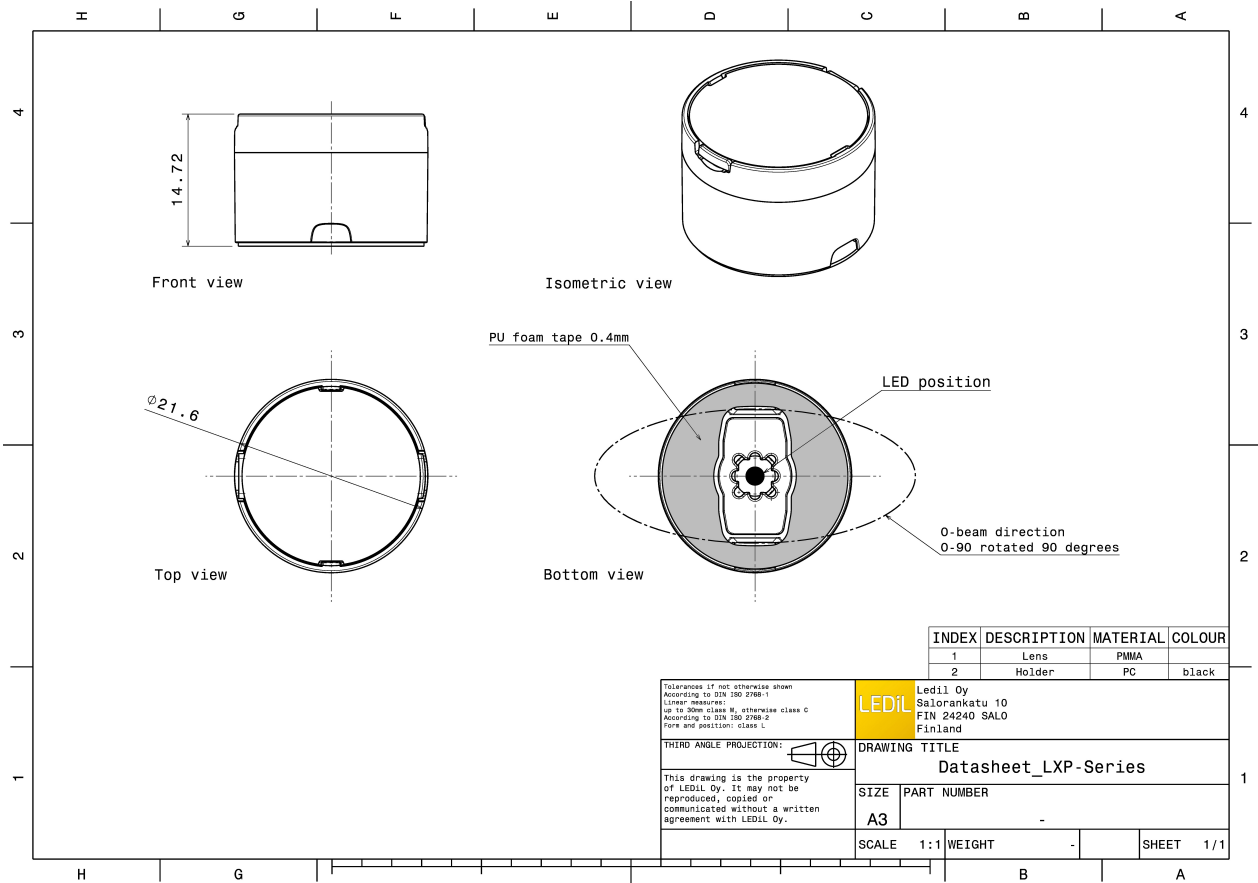
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LR1-O-90	Single lens	PMMA	clear	
LXP-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11116_LXP-O-90	Single lens	2304	288	144	11.6
» Box size:					



### PHOTOMETRIC DATA (MEASURED):

#### CREE

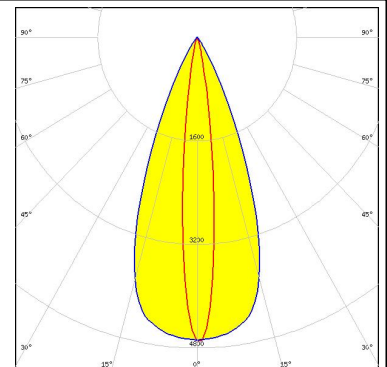
LED XP-E  
FWHM 41.0 + 10.0°  
Efficiency 89 %  
Peak intensity 5.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

LED XP-E-HEW  
FWHM 13.0 + 37.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

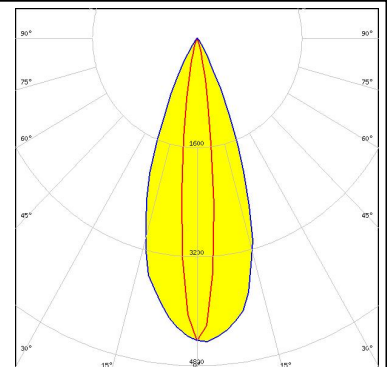
#### CREE

LED XP-G  
FWHM 41.0 + 13.0°  
Efficiency 91 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE

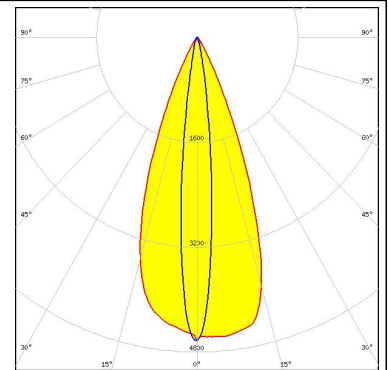
LED XP-G2  
FWHM 13.0 + 39.0°  
Efficiency 86 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

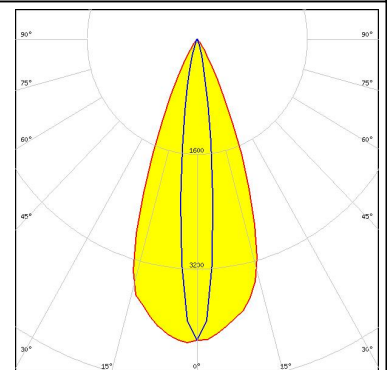
#### CREE

LED XP-L HI  
 FWHM 41.0 + 12.0°  
 Efficiency 86 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



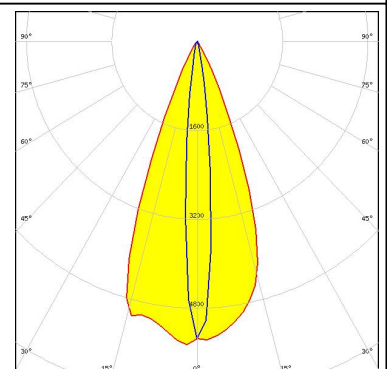
#### CREE

LED XT-E  
 FWHM 41.0 + 13.0°  
 Efficiency 85 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

LED LH351A  
 FWHM 41.0 + 11.0°  
 Efficiency 89 %  
 Peak intensity 5.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



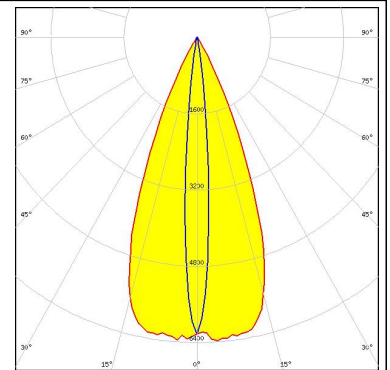
SEOUL SEMICONDUCTOR

LED Z5  
 FWHM 38.0 + 21.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

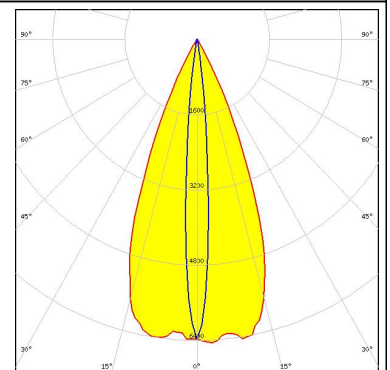
#### PHOTOMETRIC DATA (SIMULATED):



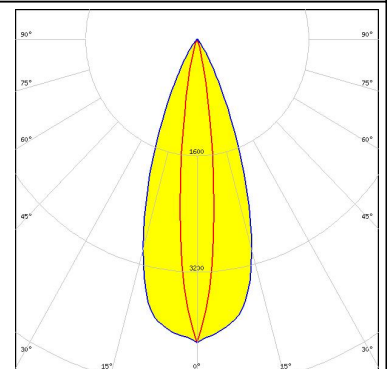
LED XP-E  
 FWHM 9.0 + 43.0°  
 Efficiency 92 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



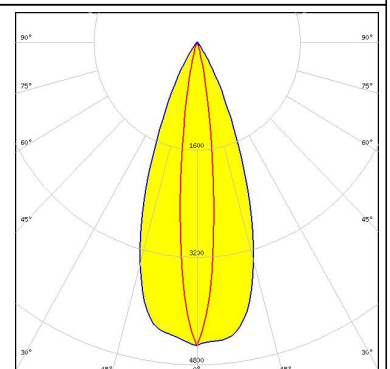
LED XP-E2  
 FWHM 9.0 + 43.0°  
 Efficiency 91 %  
 Peak intensity 6.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM 13.0 + 39.0°  
 Efficiency 84 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON V2  
 FWHM 13.0 + 40.0°  
 Efficiency 91 %  
 Peak intensity 4.5 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.

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#### Shipping locations

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#### Distribution Partners

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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