

## IRIS

~5° real spot beam optimized for CREE XM-L.  
Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	27.7 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

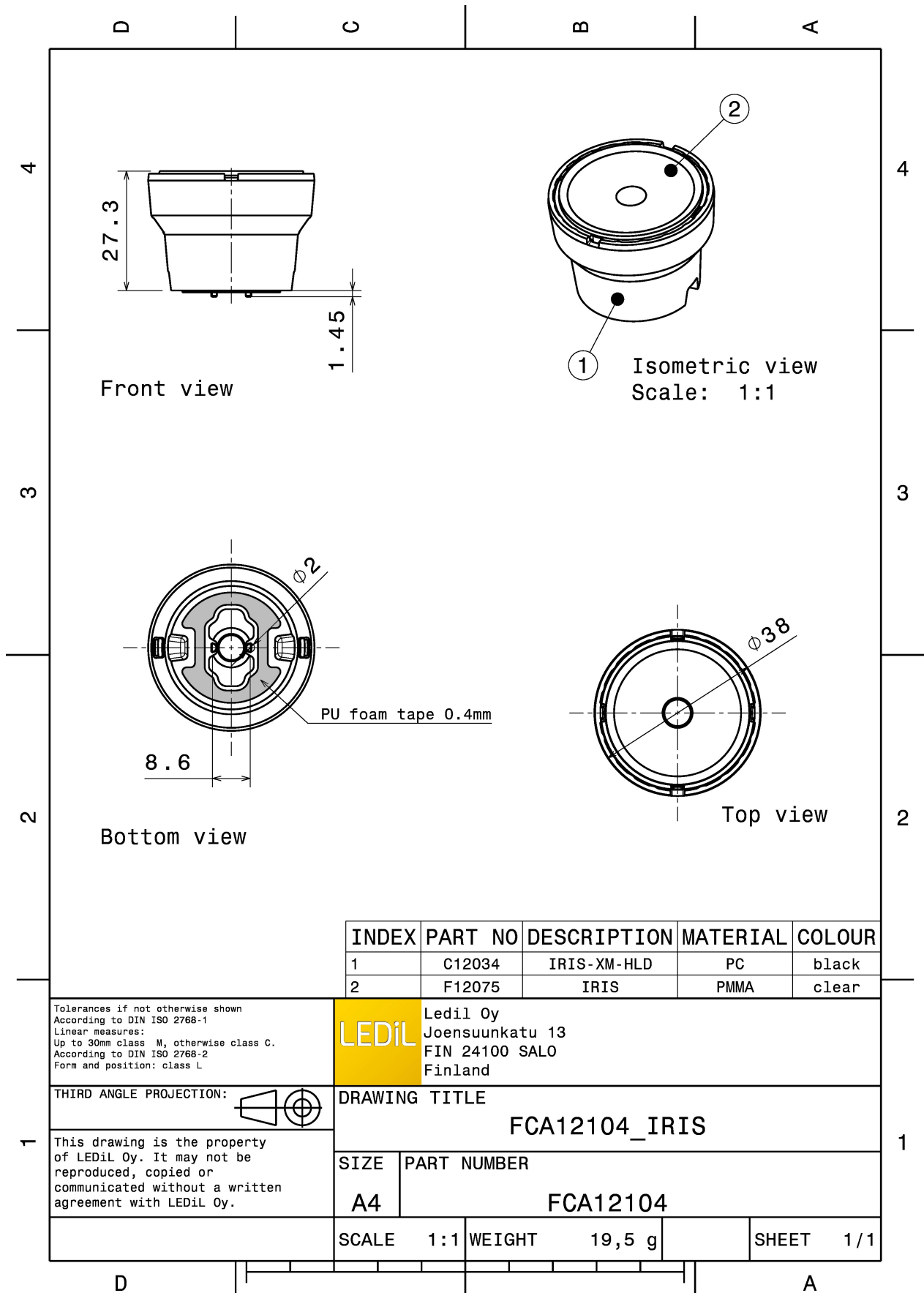
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-XM-HLD	Holder	PC	black	
SPUTNIK-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

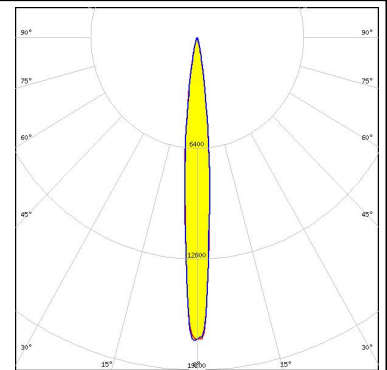
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA12104_IRIS	Single lens	378	126	42	9.0
» Box size: 480 x 280 x 300 mm					



#### PHOTOMETRIC DATA (MEASURED):

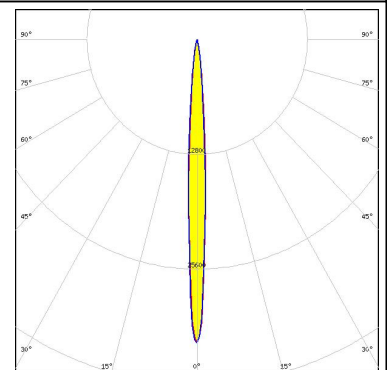
#### CREE

LED XHP35 HD  
 FWHM 10.0°  
 Efficiency 91 %  
 Peak intensity 17.5 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



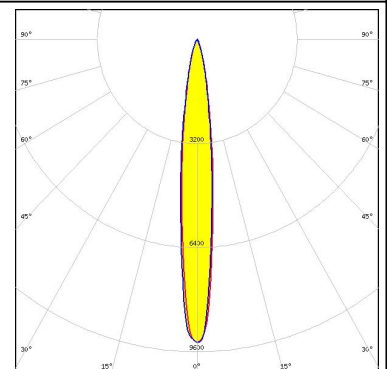
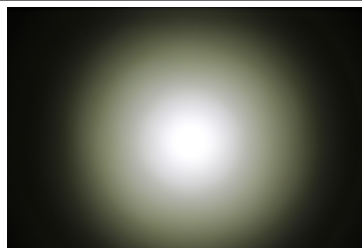
#### CREE

LED XHP35 HI  
 FWHM 7.0°  
 Efficiency 93 %  
 Peak intensity 33.8 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



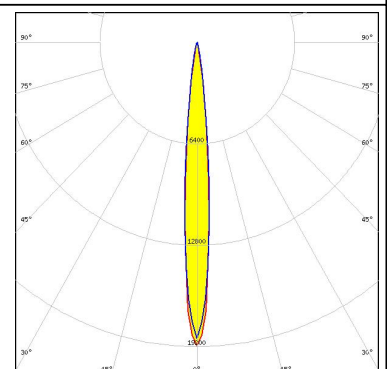
#### CREE

LED XHP50.2  
 FWHM 12.0°  
 Efficiency 88 %  
 Peak intensity 9.3 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

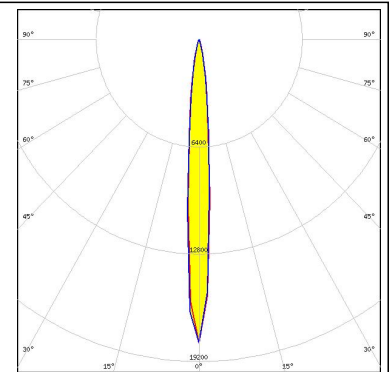
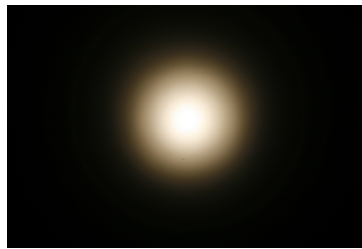
LED XM-L  
 FWHM 9.0°  
 Efficiency 91 %  
 Peak intensity 19.2 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



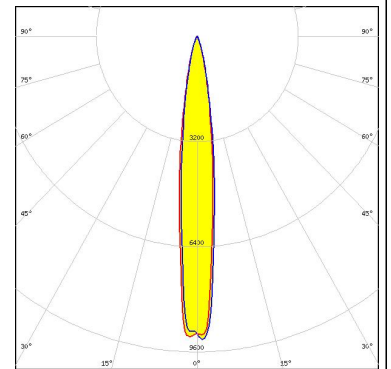
#### PHOTOMETRIC DATA (MEASURED):



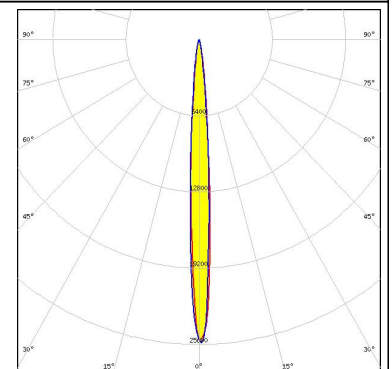
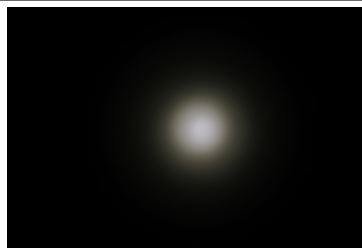
LED XM-L2  
 FWHM 10.0°  
 Efficiency 86 %  
 Peak intensity 18.1 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



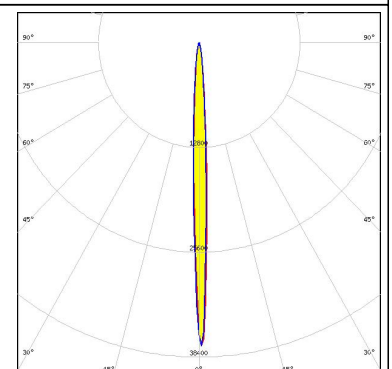
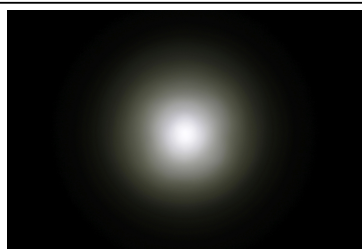
LED NV4x144A  
 FWHM 13.0°  
 Efficiency 89 %  
 Peak intensity 9.3 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSW3x9A  
 FWHM 7.0°  
 Efficiency 85 %  
 Peak intensity 25.5 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



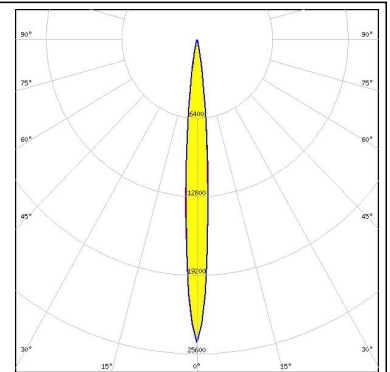
LED OSCONIQ P 3737 (2W version)  
 FWHM 5.0°  
 Efficiency 91 %  
 Peak intensity 38.8 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

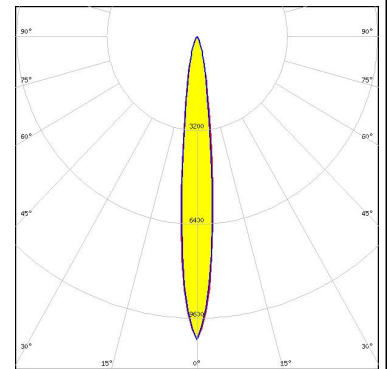
**CREE** 

LED XP-L HD  
FWHM 8.8°  
Efficiency 93 %  
Peak intensity 24.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**OSRAM**  
Opto Semiconductors

LED Duris S8  
FWHM 12.0°  
Efficiency 92 %  
Peak intensity 10.3 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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<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

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