

## CXP-D

~16° diffused spot beam optimized for CREE XP-E. Assembly with black holder.

### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.2 mm
Fastening	tape
ROHS compliant	yes ⓘ

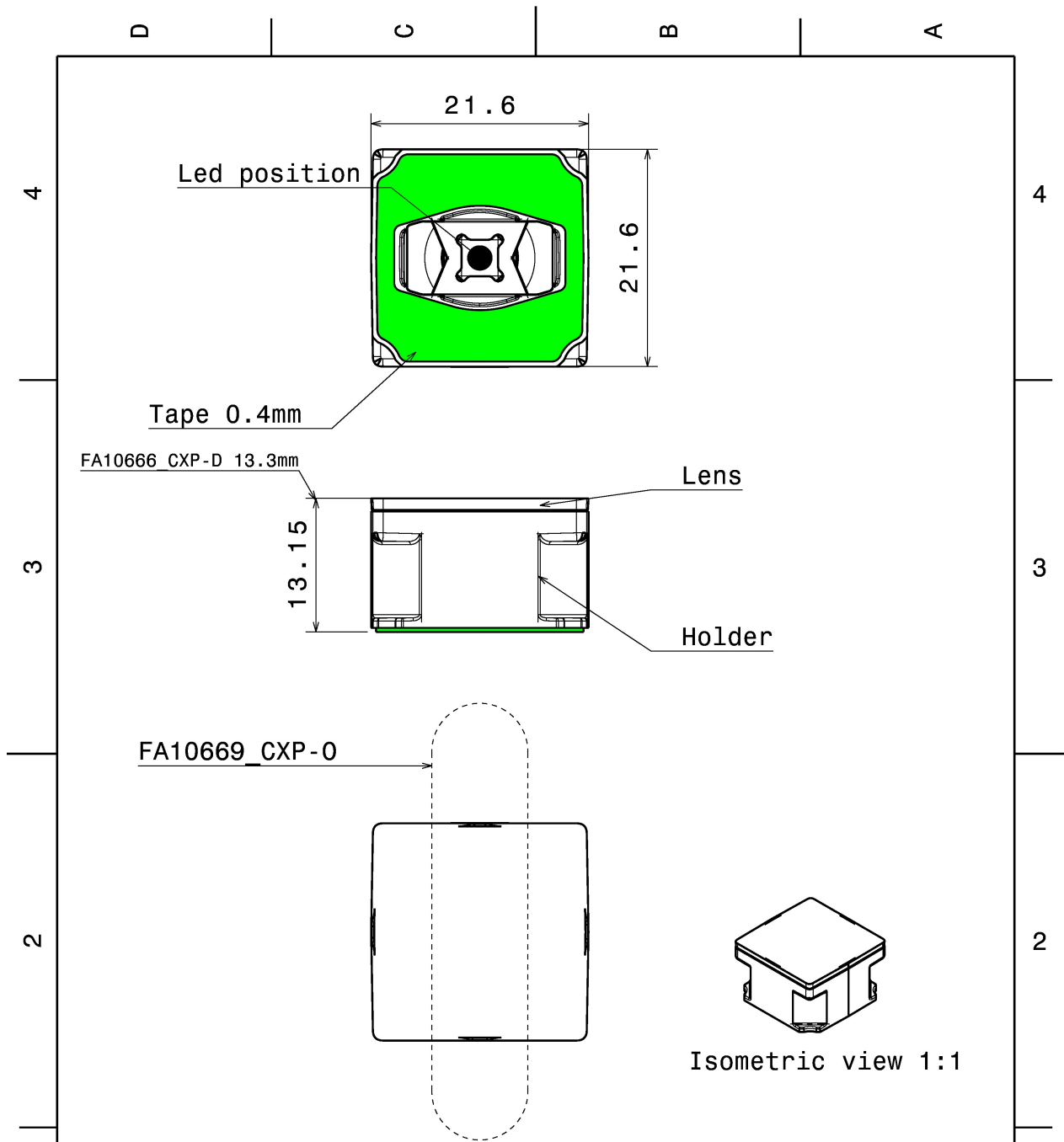
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-B-B-D	Single lens	PC		
ROSE-HLD-CXP-BLK	Holder	PC		
ROSE-TAPE	Tape	PU tape		



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10666_CXP-D	Single lens	2448	288	144	10.2
» Box size:					



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

Datasheet CXP

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SIZE PART NUMBER

A4

-

SCALE 2:1 WEIGHT

-

SHEET 1/1

### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E  
FWHM 13.0°  
Efficiency 85 %  
Peak intensity 7.860 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

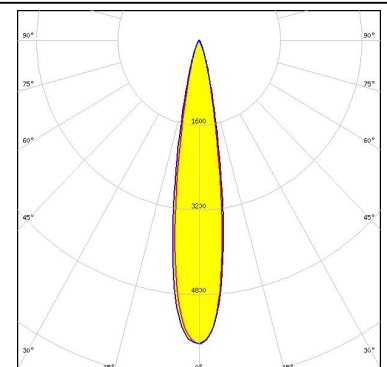
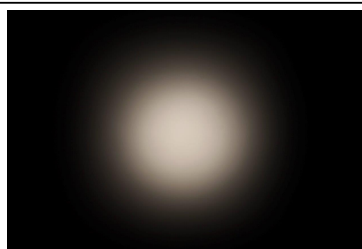
LED XP-E-HEW  
FWHM 13.0°  
Efficiency 85 %  
Peak intensity 7.860 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE


LED XP-G  
FWHM 14.0°  
Efficiency 83 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

LED XP-L HD  
FWHM 18.0°  
Efficiency 78 %  
Peak intensity 5.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



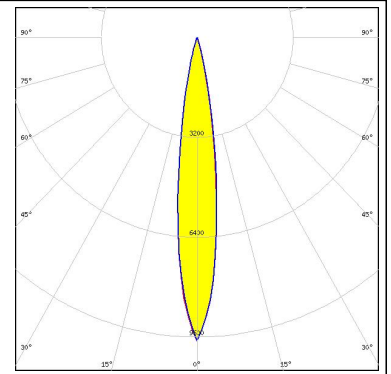
## PHOTOMETRIC DATA (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	13.0°
Efficiency	80 %
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

## PHOTOMETRIC DATA (SIMULATED):

**CREE** 

LED XP-G2  
FWHM 15.0°  
Efficiency 86 %  
Peak intensity 9.700 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:

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