

CXP-O

~45° + 15° oval beam optimized for CREE XP-E.
Assembly with black holder.

SPECIFICATION:

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

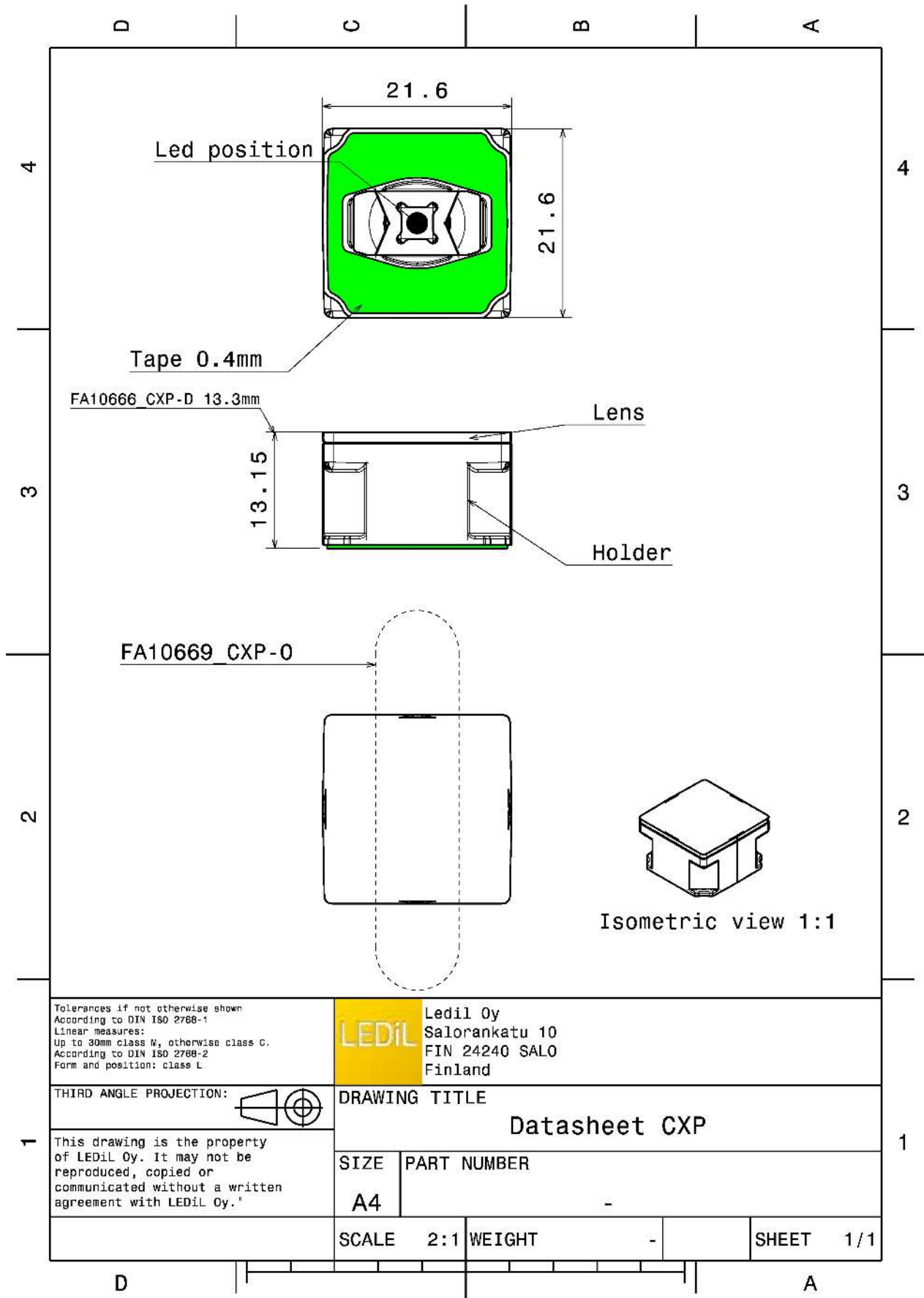


MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-B-B-O	Single lens	PC	clear	
ROSE-HLD-CXP-BLK	Holder	PC	black	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10669_CXP-O	Single lens	2448	288	144	11.9
» 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



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THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet CXP

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SIZE	PART NUMBER
A4	-

SCALE	2:1	WEIGHT	-	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LED

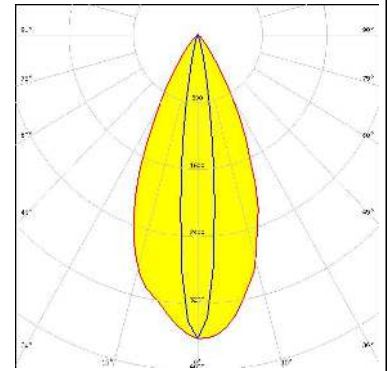
LED XP-E
 FWHM / FWTM 11.0 + 45.0° / 24.0 + 69.0°
 Efficiency 81 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE LED

LED XP-E-HEW
 FWHM / FWTM 44.0 + 16.0° / 72.0 + 32.0°
 Efficiency %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

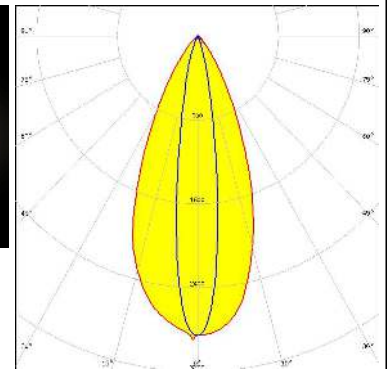
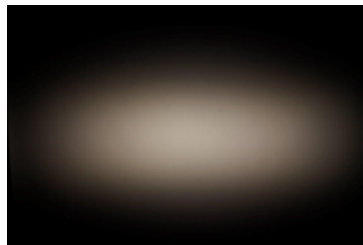
CREE LED

LED XP-G
 FWHM / FWTM 47.0 + 14.0° / 72.0 + 30.0°
 Efficiency 79 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-L HD
 FWHM / FWTM 45.0 + 16.0° / 74.0 + 34.0°
 Efficiency 75 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



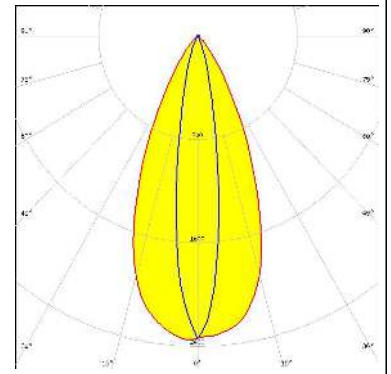
OPTICAL RESULTS (MEASURED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	15.0 + 44.0°
Efficiency	80 %
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):



LED	XP-L2
FWHM / FWTM	46.0 + 16.0° / 74.0 + 37.0°
Efficiency	70 %
Peak intensity	2.4 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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