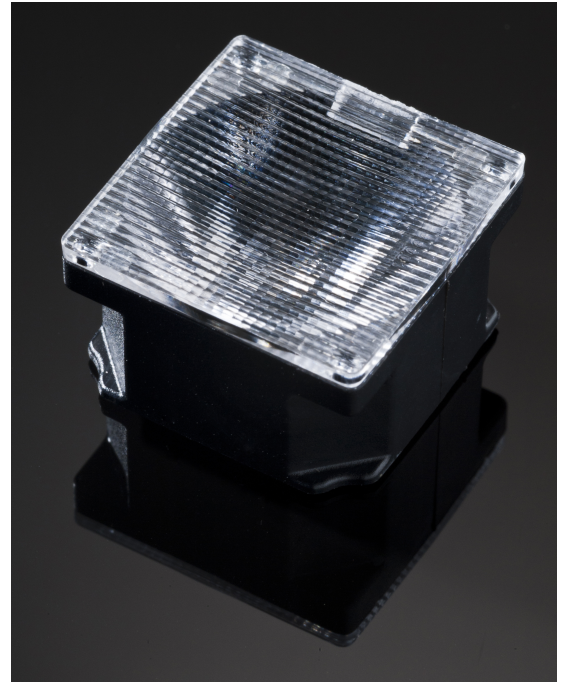


CXP-O

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

SPECIFICATION:

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

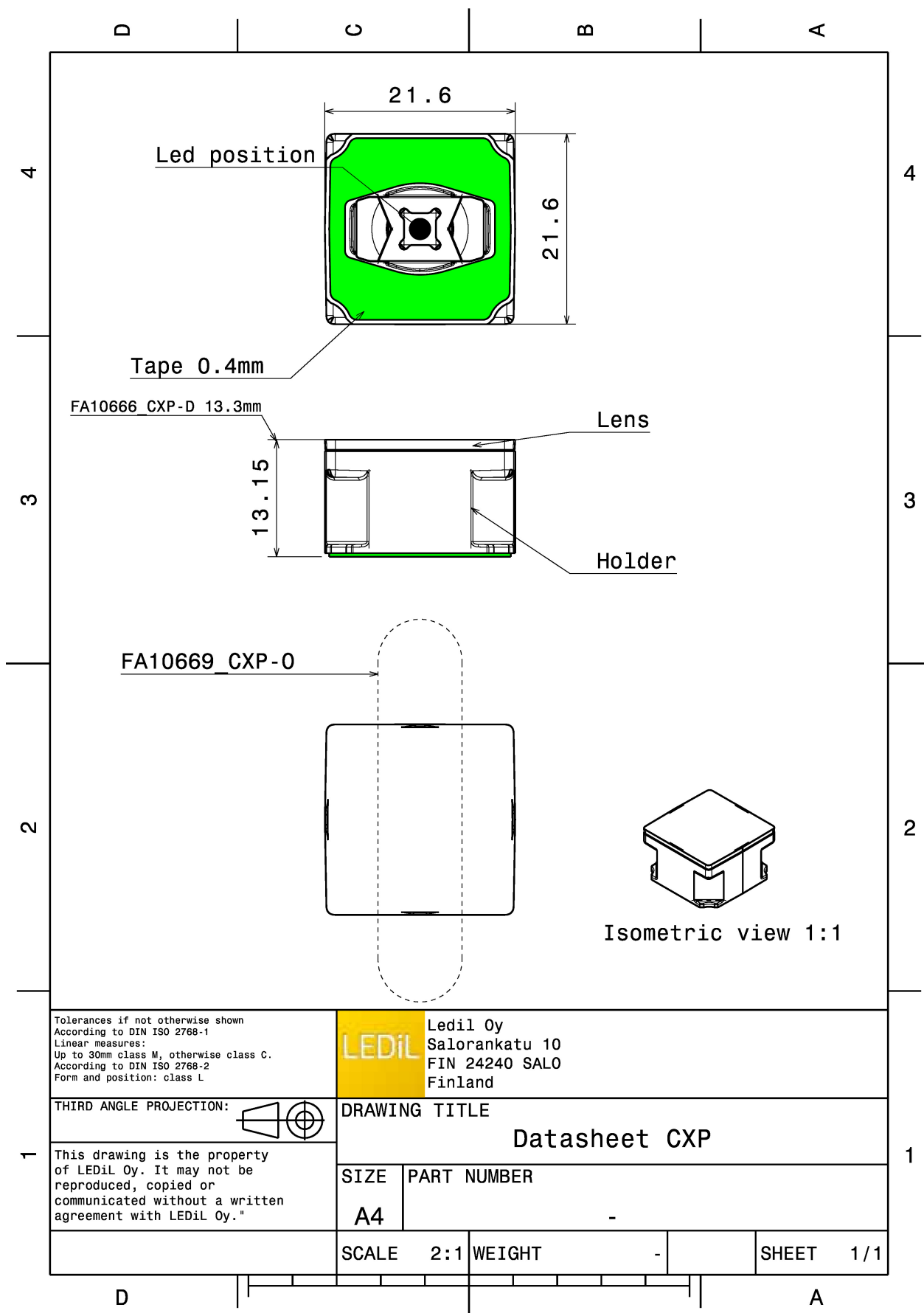


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
ROSE-B-B-O	Single lens	PC	clear		
ROSE-HLD-CXP-BLK	Holder	PC	black		
ROSE-TAPE	Tape	Acryl tape	black		

ORDERING INFORMATION:

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



See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



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/type	White
Required components:	

Light distribution files

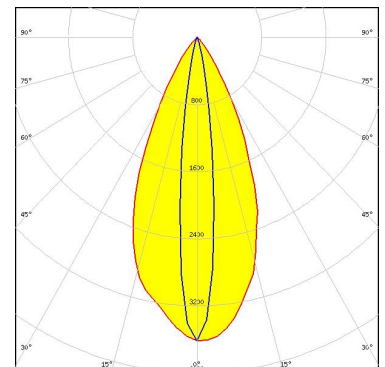


LED	XP-E-HEW
FWHM / FWTM	44.0 + 16.0° / 72.0 + 32.0°
Efficiency	%
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



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/type	White
Required components:	

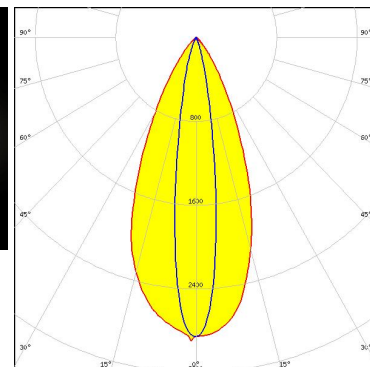
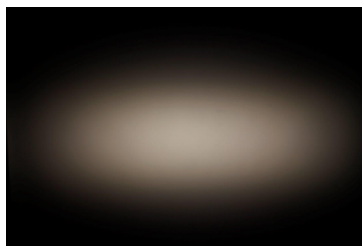


Light distribution files

OPTICAL RESULTS (MEASURED):



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/type White
 Required components:



Light distribution files



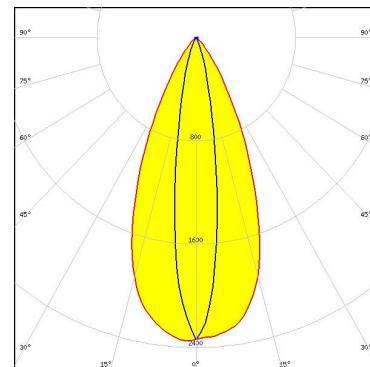
LED Z5
 FWHM / FWTM 15.0 + 44.0°
 Efficiency 80 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



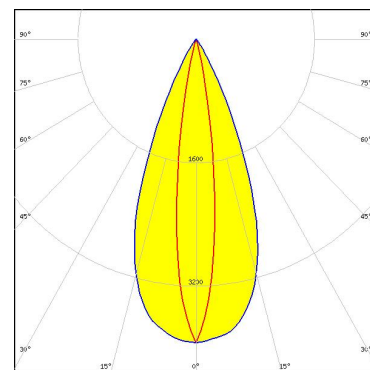
LED XP-L2
 FWHM / FWTM 46.0 + 16.0° / 74.0 + 37.0°
 Efficiency 70 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxE21A
 FWHM / FWTM 14.0 + 44.0° / 26.0 + 62.0°
 Efficiency 87 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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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