CXP-RS

~11° spot beam optimized for CREE XP-E. Assembly with black holder.



TECHNICAL SPECIFICATIONS:

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

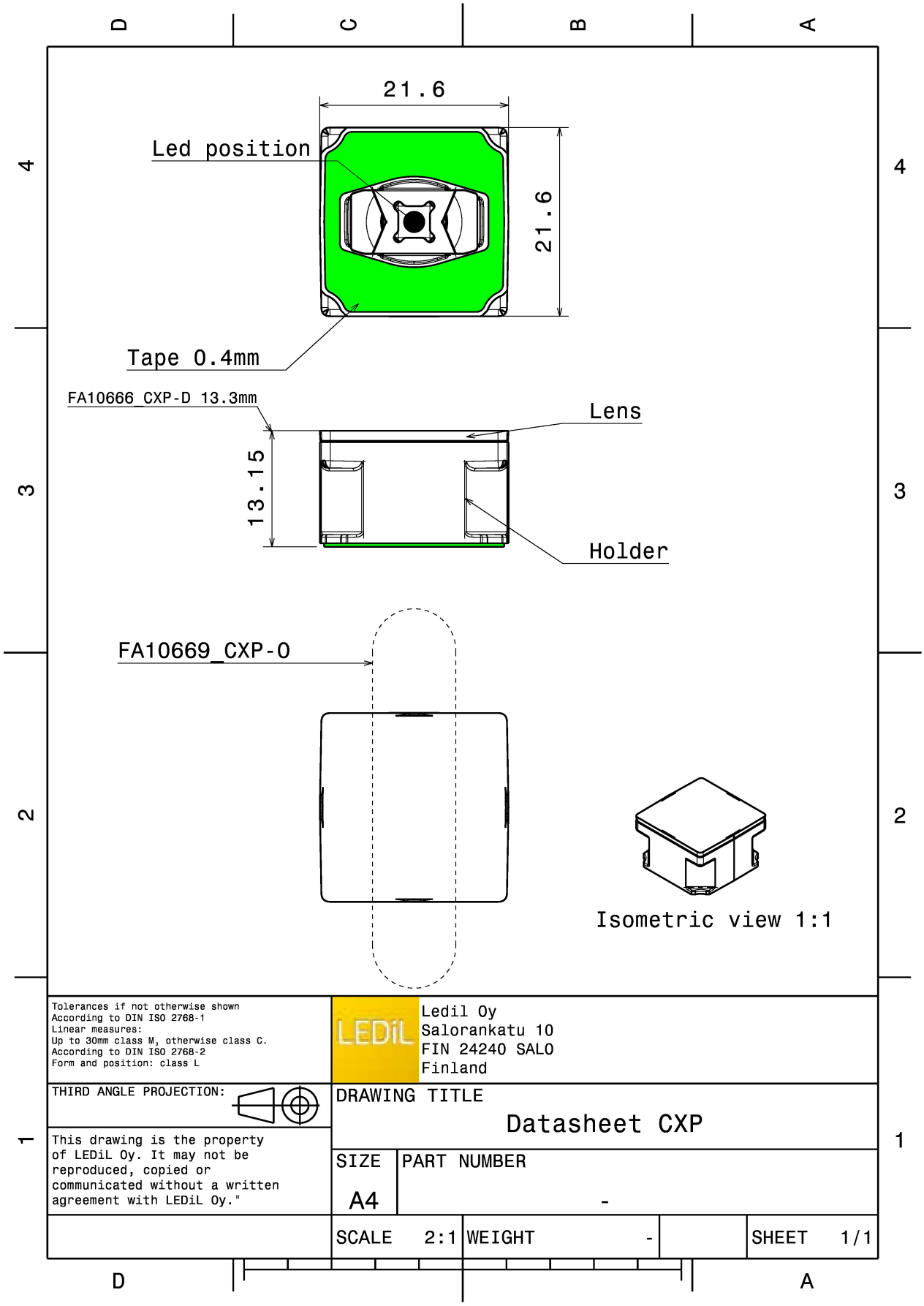
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-B-B-RS	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)
FA10668_CXP-RS	Single lens	2448	288	144	11.9
» Box size:					

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

PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XP-E
FWHM / FWTM	7.0° / 15.0°
Efficiency	86 %
Peak intensity	24.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

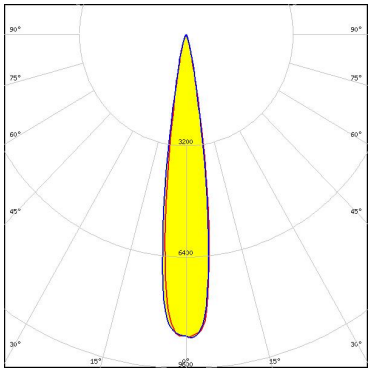
CREE LED

LED	XP-G
FWHM / FWTM	11.0° / 21.0°
Efficiency	85 %
Peak intensity	15.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LED

LED	XP-L HD
FWHM / FWTM	16.0° / 28.0°
Efficiency	80 %
Peak intensity	8.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





SEOUL SEMICONDUCTOR

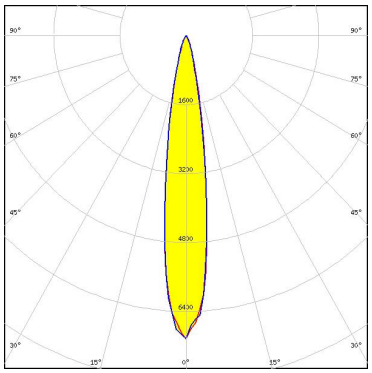
LED	Z5
FWHM / FWTM	7.0°
Efficiency	83 %
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (SIMULATED):

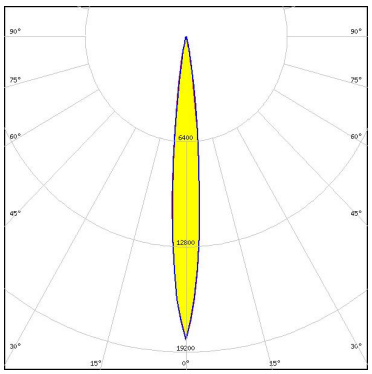
CREE LED

LED	XHP35 HD
FWHM / FWTM	16.0° / 32.0°
Efficiency	84 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



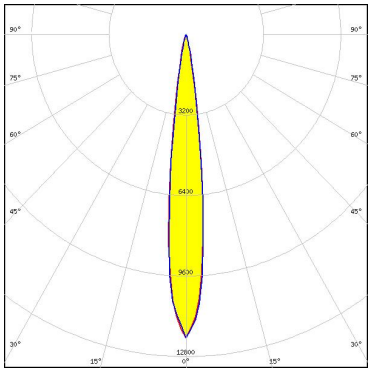
CREE LED

LED	XP-G2
FWHM / FWTM	11.0° / 21.0°
Efficiency	87 %
Peak intensity	20.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351C
FWHM / FWTM	12.0° / 23.0°
Efficiency	76 %
Peak intensity	12.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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