LXP3-W

~40° wide beam optimized for CREE XP-E. 14.7 mm high assembly.



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	glue
ROHS compliant	yes

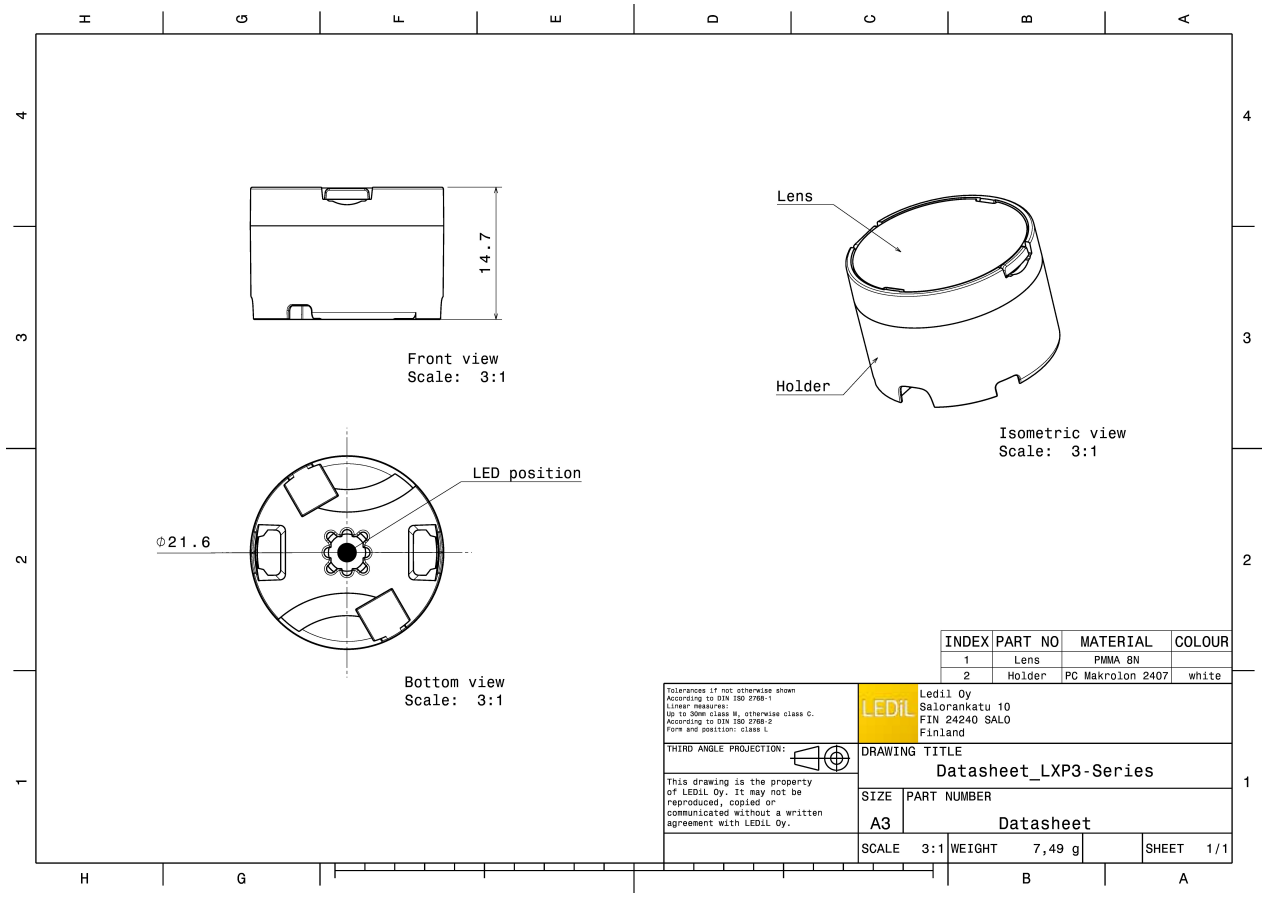
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-W	Single lens	PMMA		
LXP3-LH1-WHT	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12395_LXP3-W » Box size: 480 x 280 x 300 mm	Single lens	1680	336	112	9.5

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INDEX	PART NO	MATERIAL	COLOUR
1	Lens	PMMA 8N	
2	Holder	PC Makrolon 2407	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class H, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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DRAWING TITLE
Datasheet_LXP3-Series

SIZE A3 | PART NUMBER Datasheet

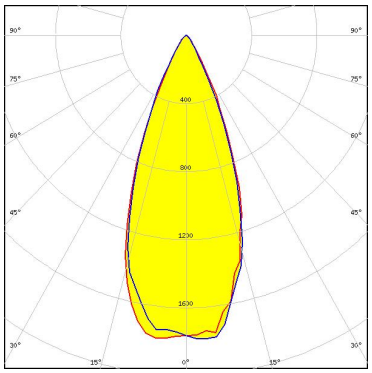
SCALE 3:1 | WEIGHT 7,49 g | SHEET 1/1

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

PHOTOMETRIC DATA (MEASURED):

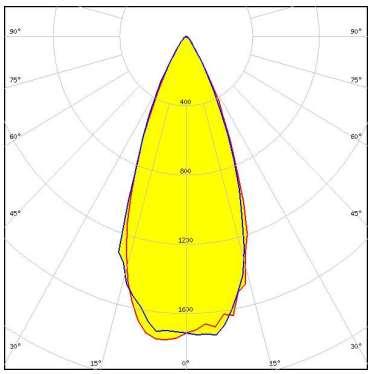
CREE LED

LED	XP-E
FWHM / FWTM	42.0° / 65.0°
Efficiency	92 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

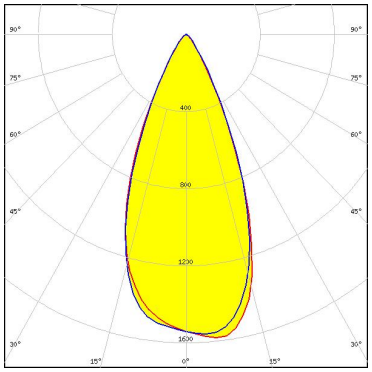
LED	XP-G
FWHM / FWTM	43.0° / 66.0°
Efficiency	92 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

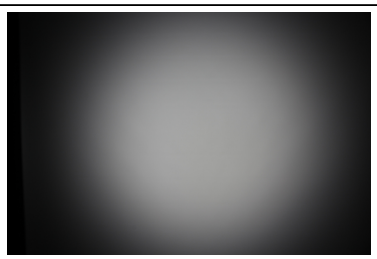
LED	XP-G2
FWHM / FWTM	45.0° / 70.0°
Efficiency	91 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

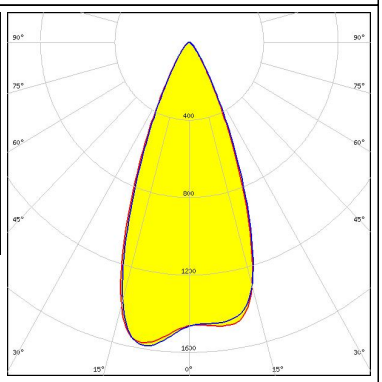




CREE LED

LED	XP-L HI
FWHM / FWTM	43.0° / 67.0°
Efficiency	91 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





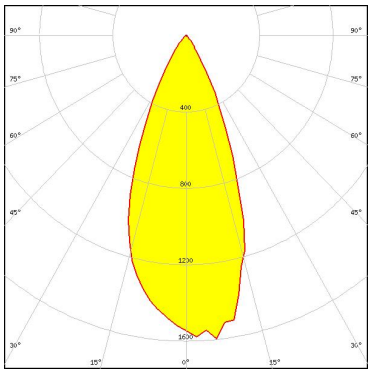
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PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XT-E
FWHM / FWTM	41.0° / 64.0°
Efficiency	89 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

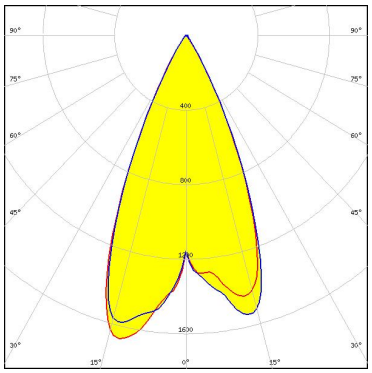
Required components:



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PHOTOMETRIC DATA (SIMULATED):

LED	XQ-E HD
FWHM / FWTM	48.0° / 64.0°
Efficiency	95 %
Peak intensity	1.7 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.

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