LXP-RS

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.



TECHNICAL SPECIFICATIONS:

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

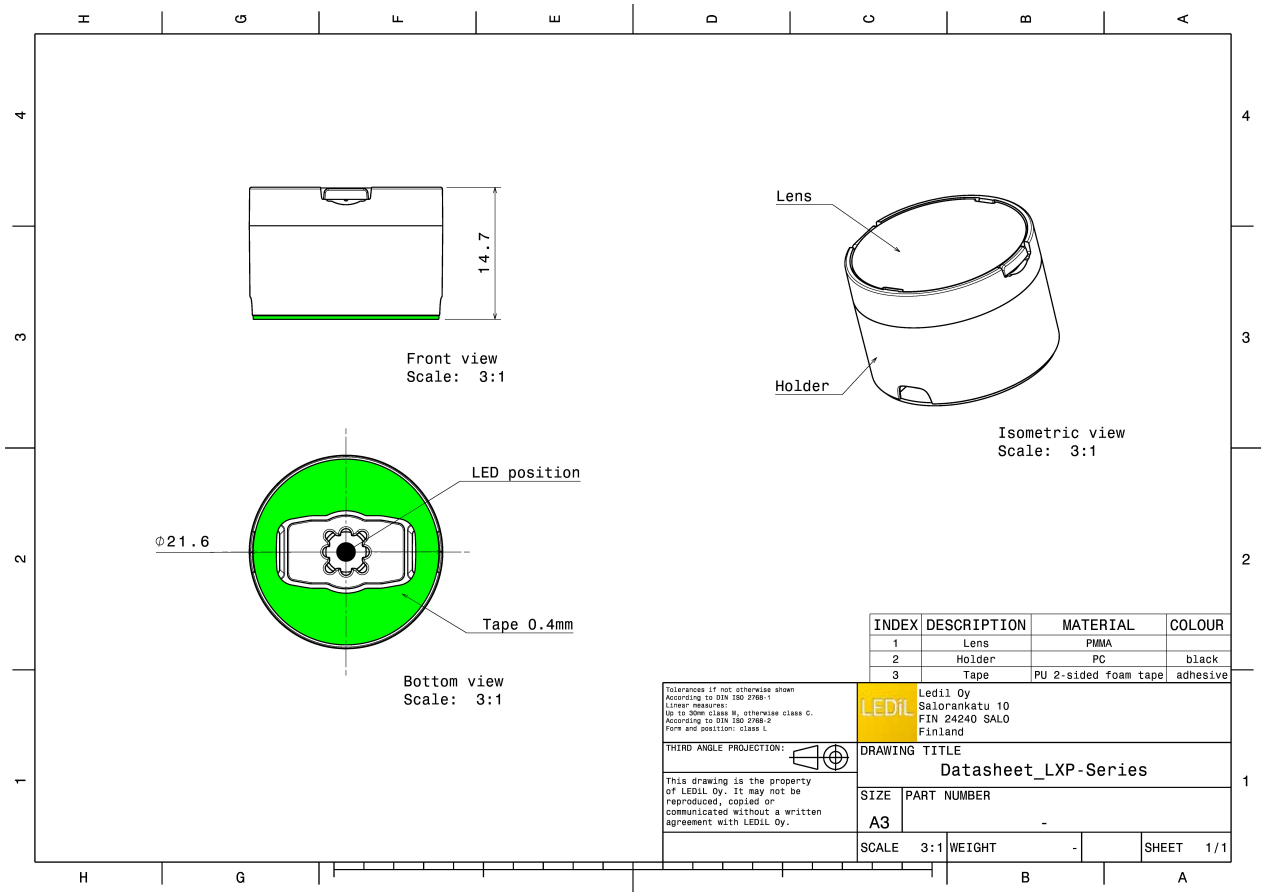
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LR1-RS	Single lens	PMMA	clear	
LXP-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10661_LXP-RS » Box size: 470 x 235 x 270 mm	Single lens	2304	288	144	11.8

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INDEX	DESCRIPTION	MATERIAL	COLOUR
1	Lens	PMMA	
2	Holder	PC	black
3	Tape	PU 2-sided foam tape	adhesive

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

THIRD ANGLE PROJECTION:

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DRAWING TITLE
Datasheet_LXP-Series

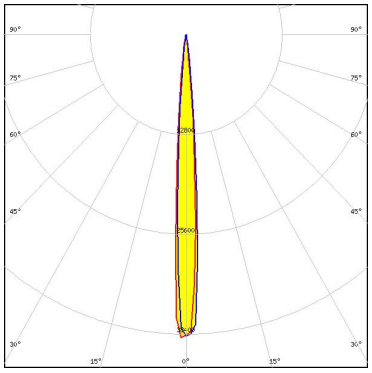
SIZE A3 | PART NUMBER -

SCALE 3:1 | WEIGHT - | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	7.5°
Efficiency	92 %
Peak intensity	39.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

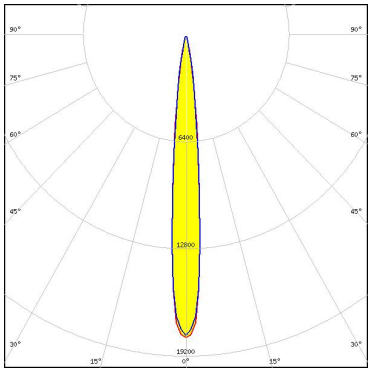


CREE

LED	XP-E-HEW
FWHM	10.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

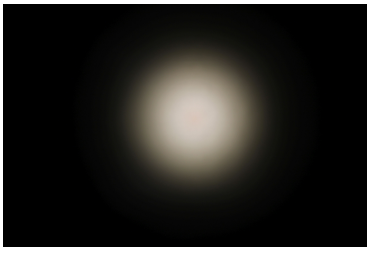
CREE

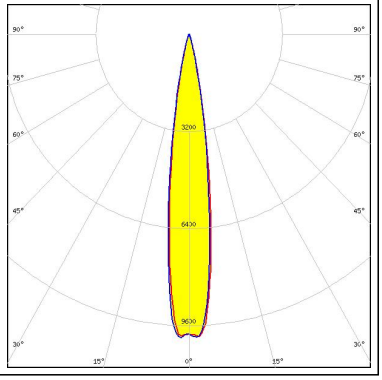
LED	XP-G
FWHM	11.0°
Efficiency	94 %
Peak intensity	20.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XP-L HD
FWHM	16.0°
Efficiency	91 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



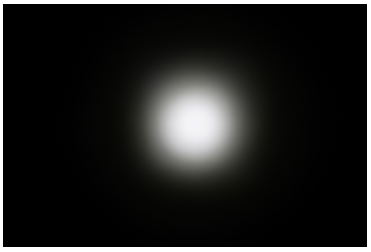


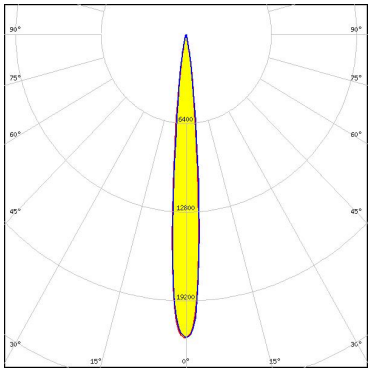
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PHOTOMETRIC DATA (MEASURED):

CREE

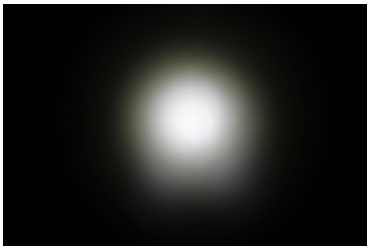
LED	XP-L HI
FWHM	10.0°
Efficiency	90 %
Peak intensity	22 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

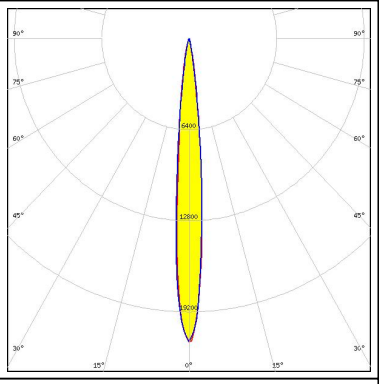




OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	10.0°
Efficiency	93 %
Peak intensity	21 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





SEOUL SEMICONDUCTOR

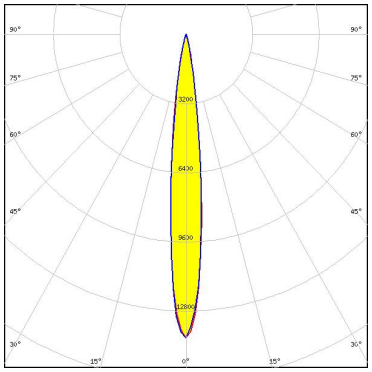
LED	Z5
FWHM	10.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (SIMULATED):

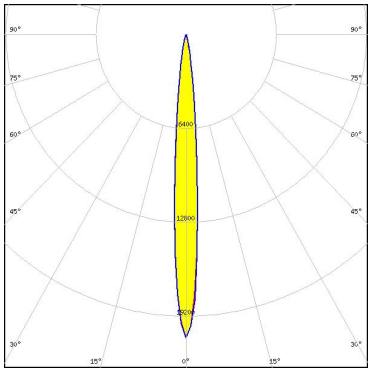
CREE

LED	XP-G3
FWHM	12.0°
Efficiency	86 %
Peak intensity	14 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



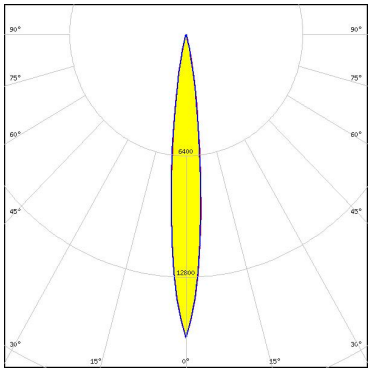
CREE

LED	XT-E
FWHM	9.0°
Efficiency	88 %
Peak intensity	20.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON V2
FWHM	11.0°
Efficiency	93 %
Peak intensity	16 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:

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