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

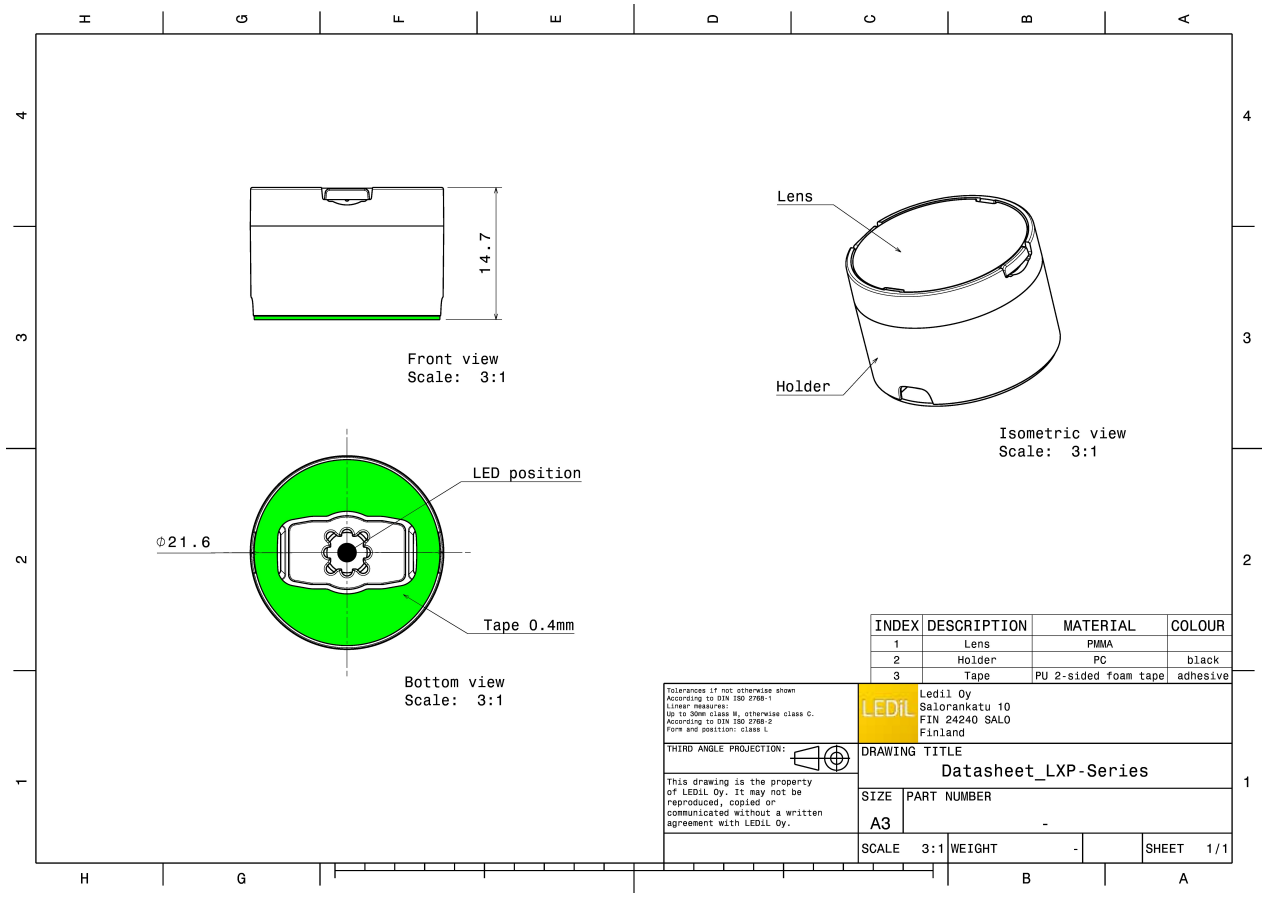
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LR1-RS	Single lens	PMMA	clear	
LXP-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	Acrylic foam	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	11.5

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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 H, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet_LXP-Series

SIZE A3 | PART NUMBER -

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

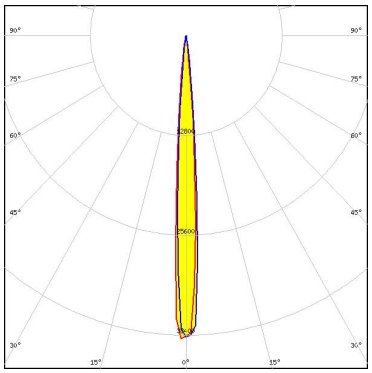
See also our general installation guide: www.ledil.com/installation_guide

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PHOTOMETRIC DATA (MEASURED):

CREE LED

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

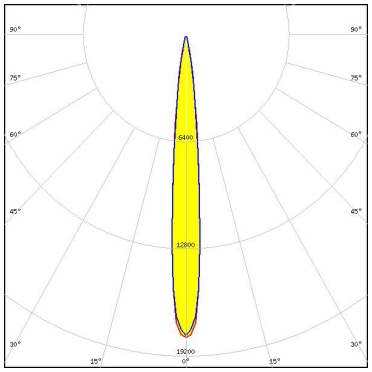


CREE LED

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

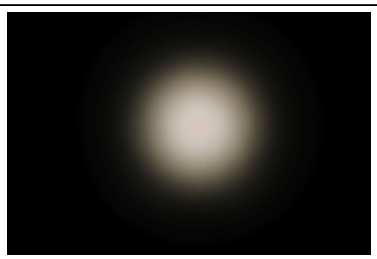
CREE LED

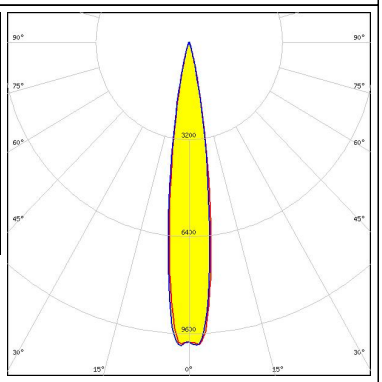
LED	XP-G
FWHM / FWTM	11.0°
Efficiency	94 %
Peak intensity	20.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XP-L HD
FWHM / FWTM	16.0° / 28.0°
Efficiency	91 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



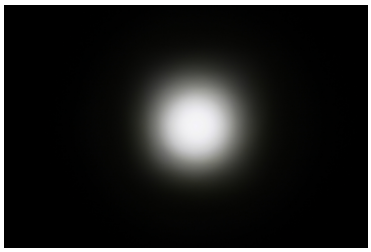


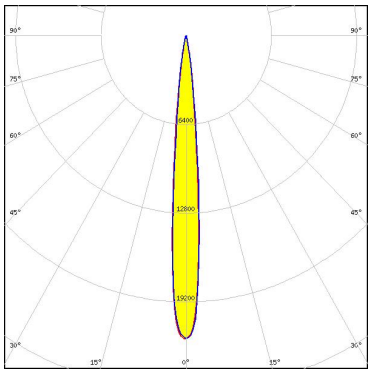
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PHOTOMETRIC DATA (MEASURED):

CREE LED

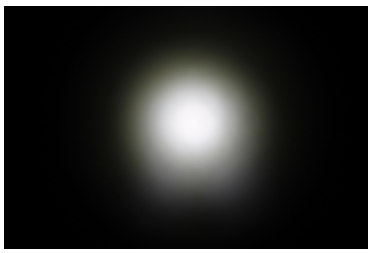
LED	XP-L HI
FWHM / FWTM	10.0° / 19.0°
Efficiency	90 %
Peak intensity	22 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

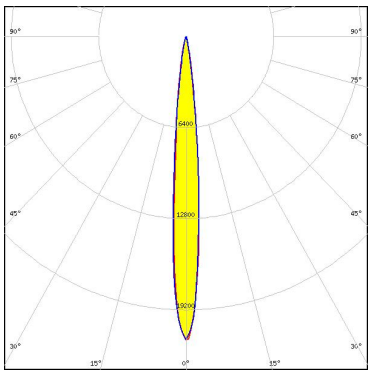




OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
Peak intensity	21 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



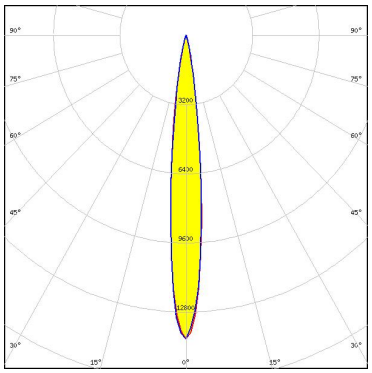


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PHOTOMETRIC DATA (SIMULATED):

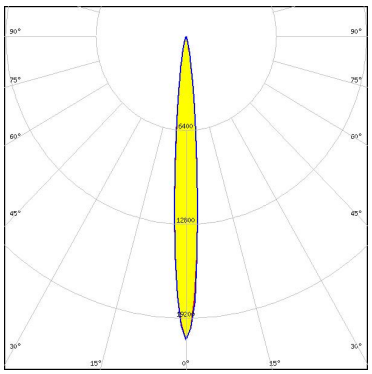
CREE LED

LED	XP-G3
FWHM / FWTM	12.0° / 24.0°
Efficiency	86 %
Peak intensity	14 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



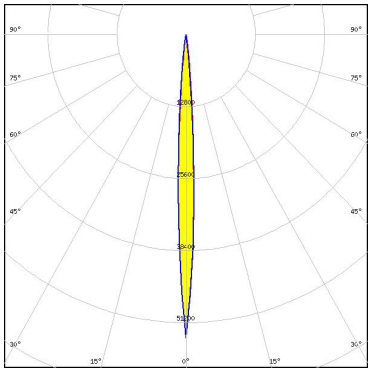
CREE LED

LED	XT-E
FWHM / FWTM	9.0° / 20.0°
Efficiency	88 %
Peak intensity	20.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



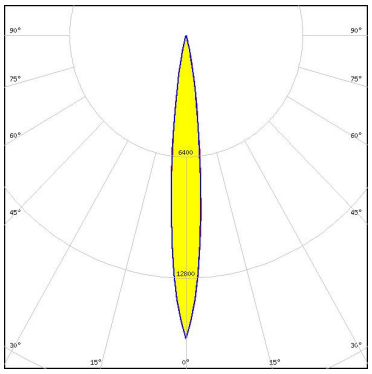
LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	6.0° / 14.0°
Efficiency	92 %
Peak intensity	53.9 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



LUMILEDS

LED	LUXEON V2
FWHM / FWTM	11.0° / 24.0°
Efficiency	93 %
Peak intensity	16 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

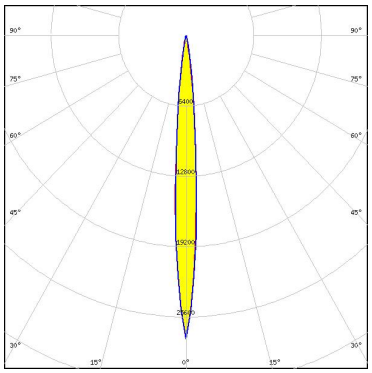


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PHOTOMETRIC DATA (SIMULATED):

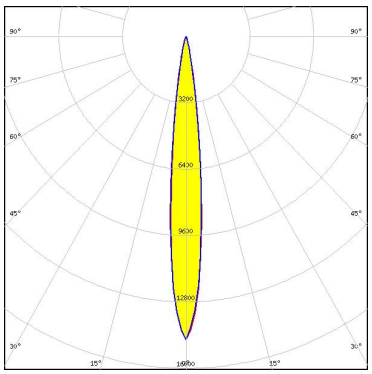
NICHIA

LED	NCSxx19B
FWHM / FWTM	8.0° / 18.0°
Efficiency	91 %
Peak intensity	27.6 cd/lm
LEDs/each optic	1
Light colour	Blue
Required components:	



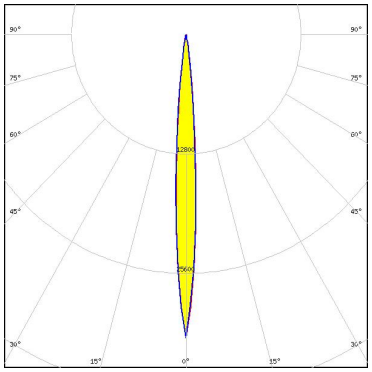
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	12.0° / 24.0°
Efficiency	87 %
Peak intensity	14.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	8.0° / 16.0°
Efficiency	91 %
Peak intensity	32.5 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:

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