LXP3-RS

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

SPECIFICATION:

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

MATERIALS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP11631_LXP3-RS	Single lens	1680	0	112	0.0
» Box size: 480 x 280 x 300 mm					

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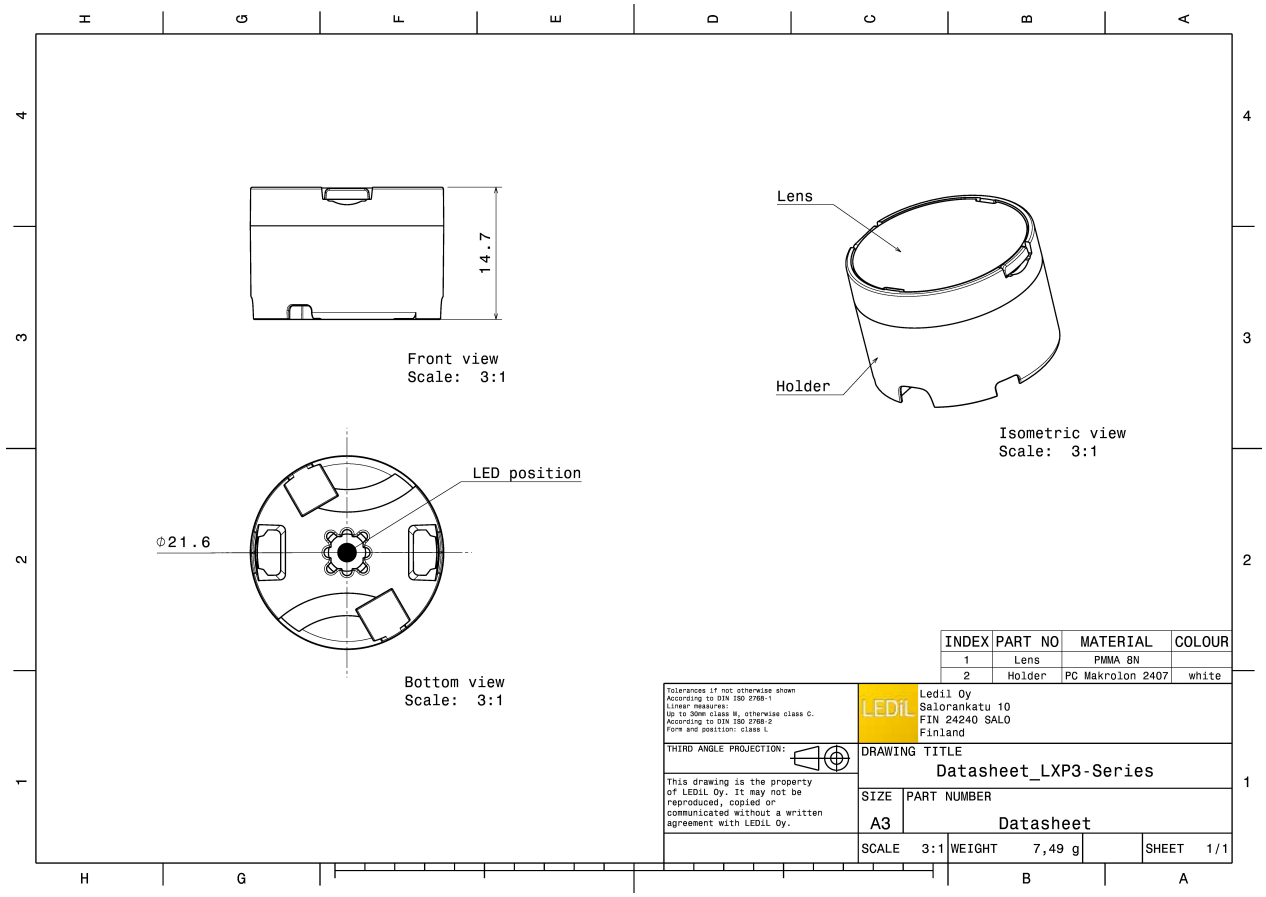

INDEX	PART NO	MATERIAL	COLOUR
1	Lens	PMMA 8N	
2	Holder	PC Makrolon 2407	white

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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Ledil Oy
Salorankatu 10
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Finland

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

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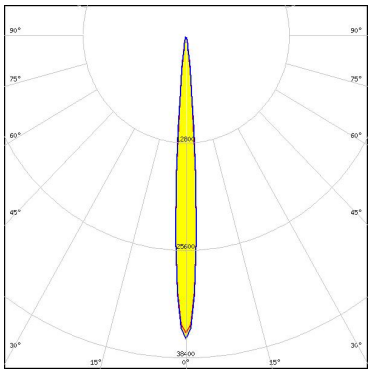
OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XP-E
FWHM / FWTM	7.0°
Efficiency	94 %
Peak intensity	36 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



CREE LEDs

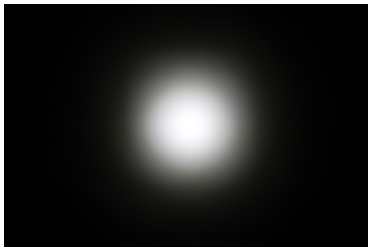
LED	XP-G
FWHM / FWTM	10.0°
Efficiency	92 %
Peak intensity	16.5 cd/lm
LEDs/each optic	1
Light colour	White

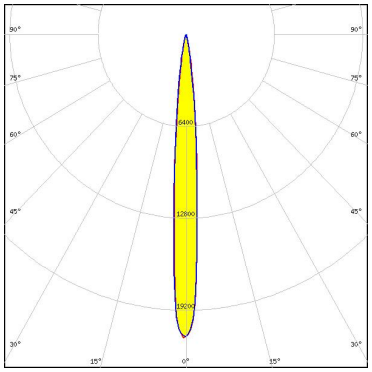
Required components:

CREE LEDs

LED	XP-L HI
FWHM / FWTM	9.0° / 20.0°
Efficiency	93 %
Peak intensity	21 cd/lm
LEDs/each optic	1
Light colour	White

Required components:





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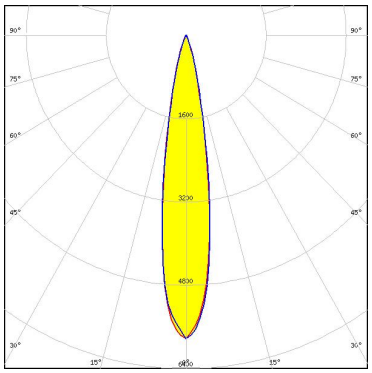
OPTICAL RESULTS (SIMULATED):

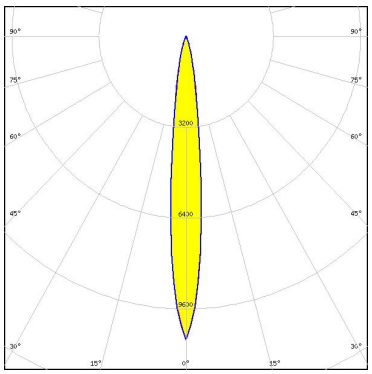
CREE LEDs

LED	XHP35.2 HD
FWHM / FWTM	18.0° / 34.0°
Efficiency	78 %
Peak intensity	5.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



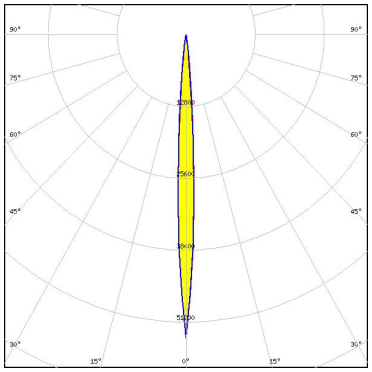
CREE LEDs

LED	XHP35.2 HI
FWHM / FWTM	12.0° / 28.0°
Efficiency	86 %
Peak intensity	10.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



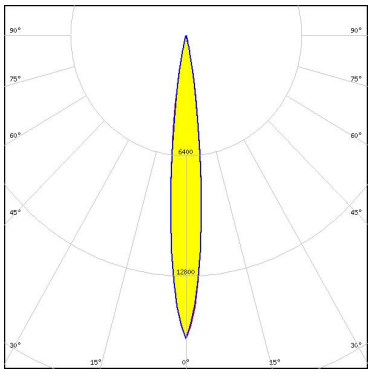
LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	6.0° / 14.0°
Efficiency	95 %
Peak intensity	54 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



LUMILEDS

LED	LUXEON HL2X
FWHM / FWTM	12.0° / 24.0°
Efficiency	93 %
Peak intensity	16.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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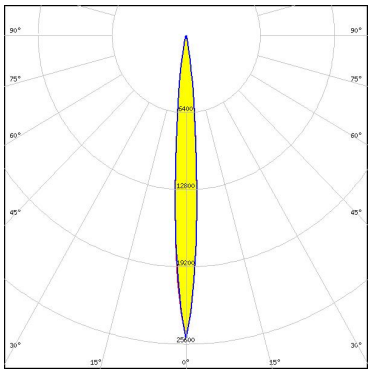
OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	SST-20
FWHM / FWTM	8.0° / 18.0°
Efficiency	95 %
Peak intensity	25.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

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

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