

LXP-D

~14° diffused 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 ⓘ

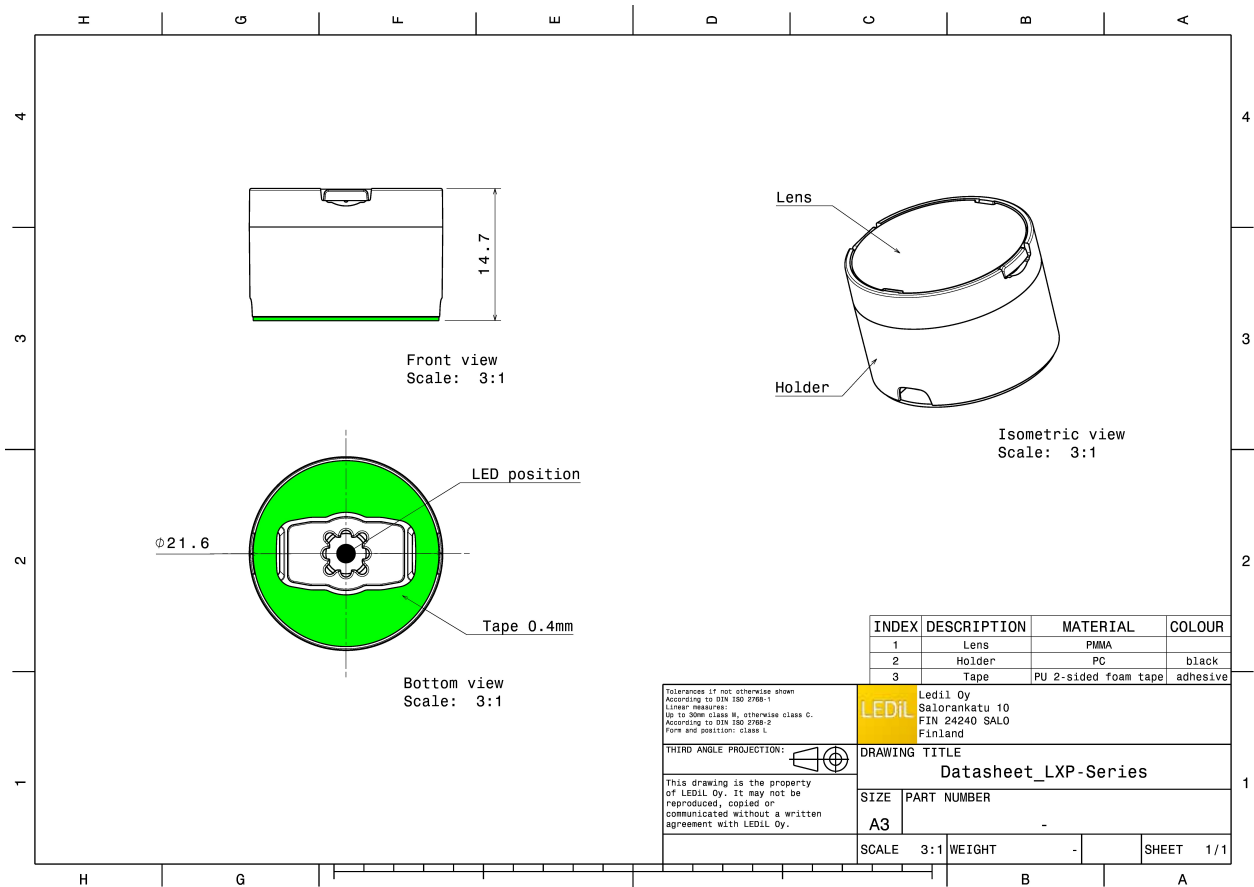


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LR1-D	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)
FA10663_LXP-D	Single lens	2304	288	144	11.5
» Box size: 470 x 235 x 270 mm					



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

PHOTOMETRIC DATA (MEASURED):

CREE LED

LED XP-E
FWHM / FWTM 12.0°
Efficiency 90 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE LED

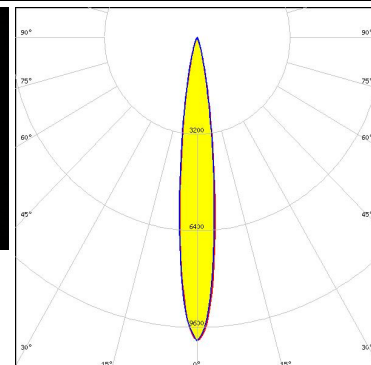
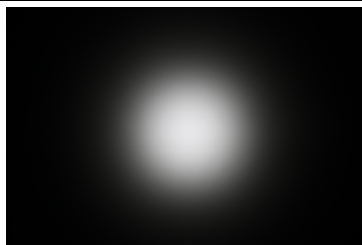
LED XP-E-HEW
FWHM / FWTM 14.0°
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:

CREE LED

LED XP-G
FWHM / FWTM 15.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:

CREE LED

LED XP-L HI
FWHM / FWTM 14.0° / 28.0°
Efficiency 86 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:



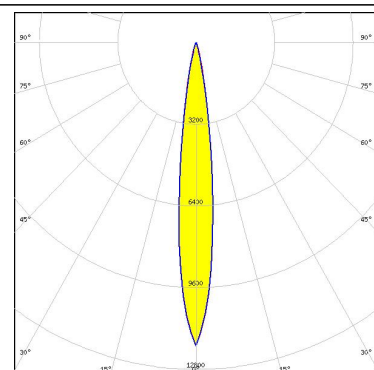
PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	11.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

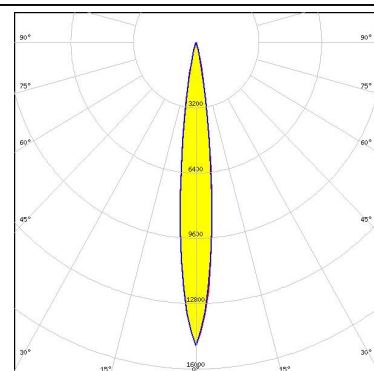
PHOTOMETRIC DATA (SIMULATED):



LED	XP-G3
FWHM / FWTM	14.0° / 26.0°
Efficiency	86 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	LUXEON V2
FWHM / FWTM	12.0° / 25.0°
Efficiency	94 %
Peak intensity	14.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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