

LXP-RS2

~8.5° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

SPECIFICATION:

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

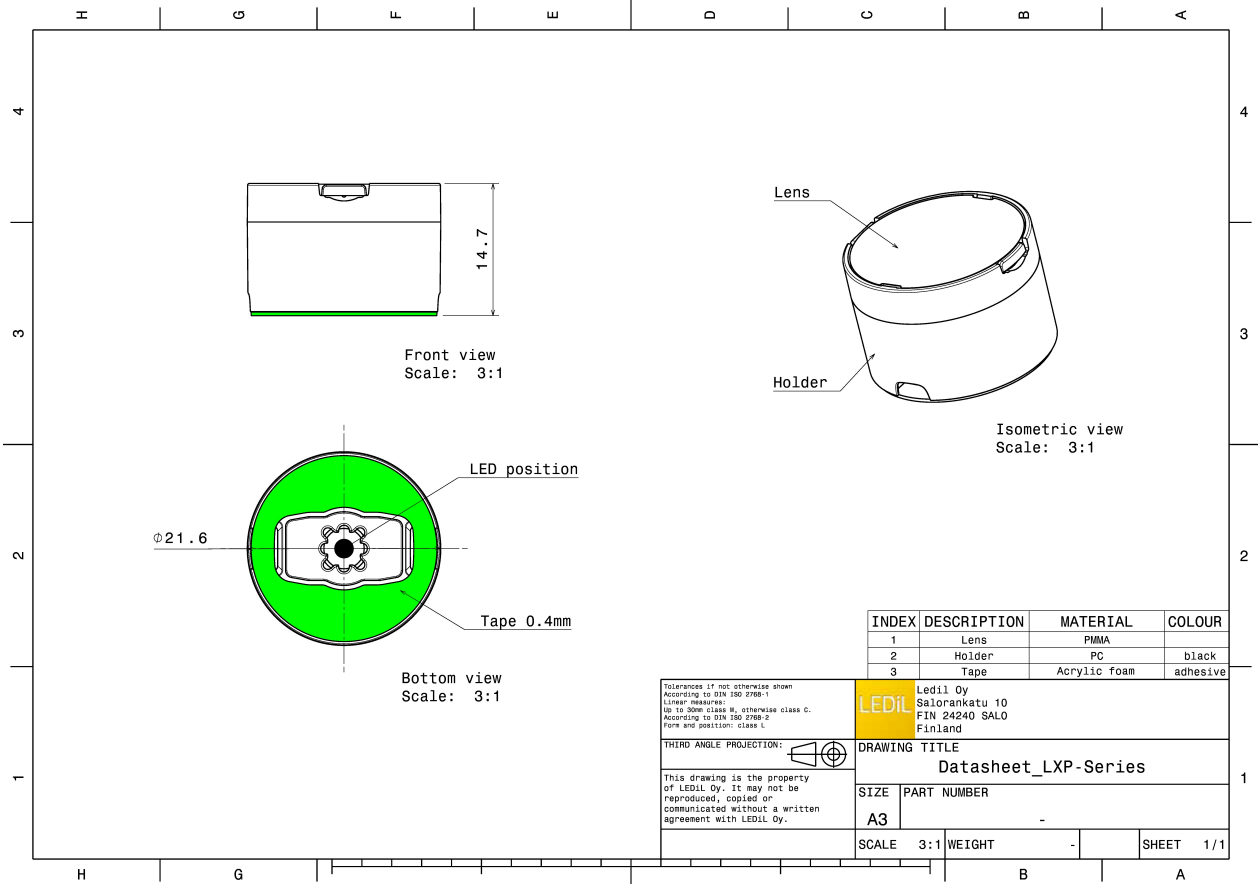


MATERIALS:

Component	Type	Material	Colour	Finish
LR1-RS2	Single lens	PMMA	clear	
LXP-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	Acrylic foam	black	


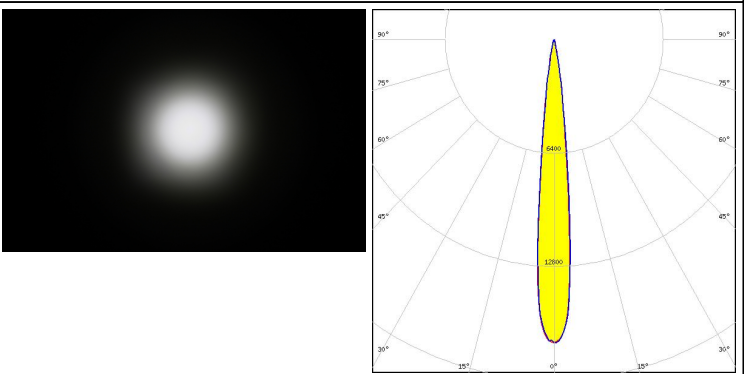
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11739_LXP-RS2	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

OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED: XP-E FWHM / FWTM: 9.0° Efficiency: 94 % Peak intensity: 25 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED: XP-G FWHM / FWTM: 10.0° / 22.0° Efficiency: 94 % Peak intensity: 14.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED: XP-L HI FWHM / FWTM: 11.0° / 21.0° Efficiency: 89 % Peak intensity: 17 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	 <p>The diagram shows a beam spread of 11.0° (FWHM) and 21.0° (FWTM) with a peak intensity of 17 cd/lm. The beam is elongated vertically, with a maximum intensity of 12800 cd/lm at the center and 5400 cd/lm at the edges.</p>

OPTICAL RESULTS (SIMULATED):

		
LED	LUXEON CZ	
FWHM / FWTM	6.0° / 14.0°	
Efficiency	92 %	
Peak intensity	51.5 cd/lm	
LEDs/each optic	1	
Light colour	Red	
Required components:		
		
SEOUL SEMICONDUCTOR		
LED	Z5	
FWHM / FWTM	8.0°	
Efficiency	%	
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:

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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