

## LXP3-RS2

~8.5° 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 ⓘ

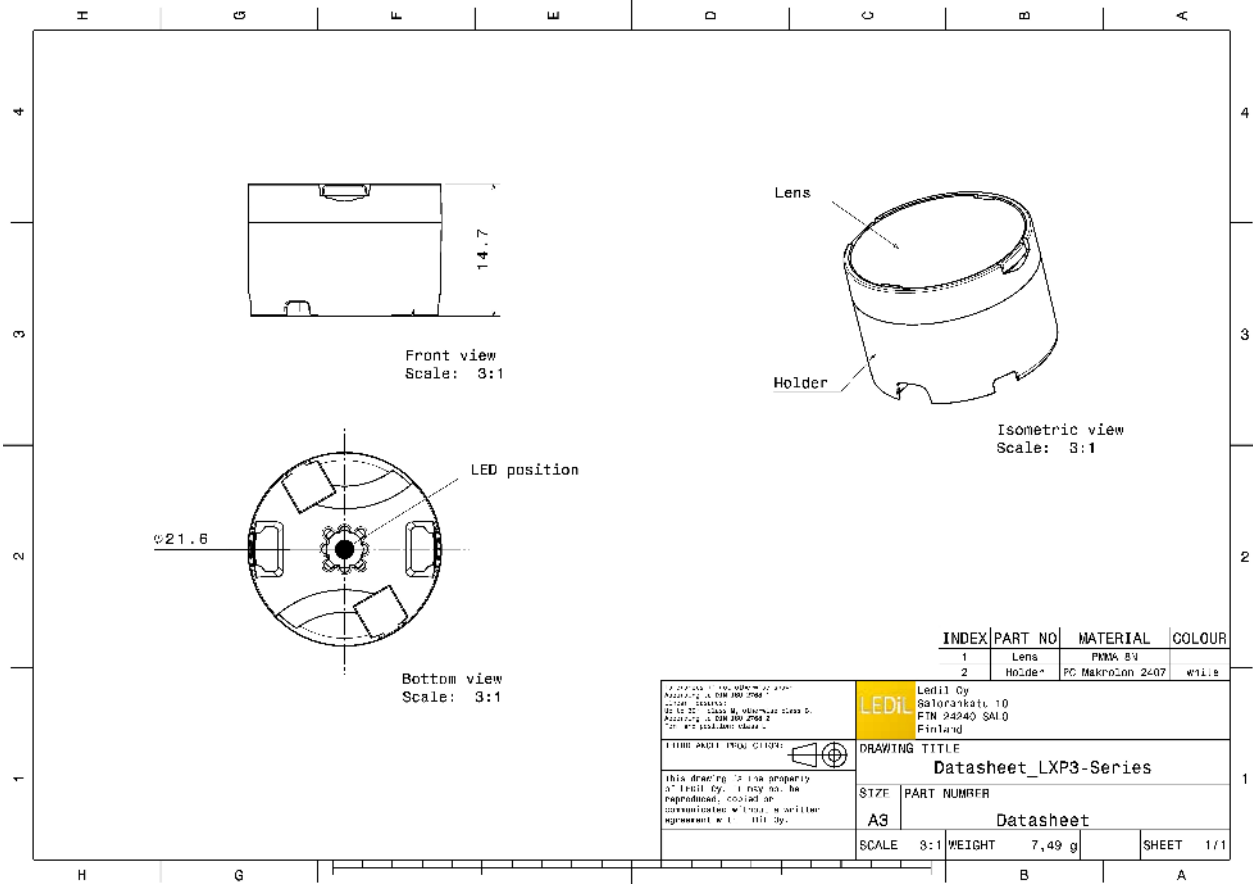


### MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS2	Single lens	PMMA		
LXP3-LH1-WHT	Holder	PC	white	

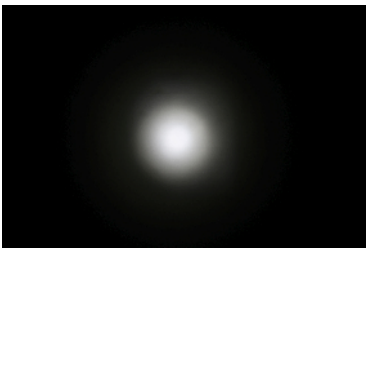
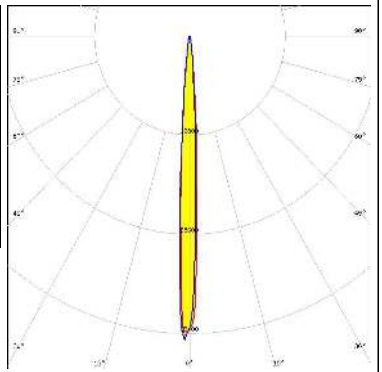
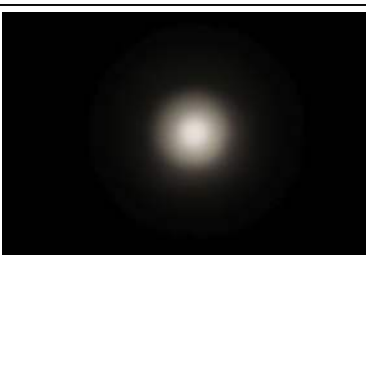
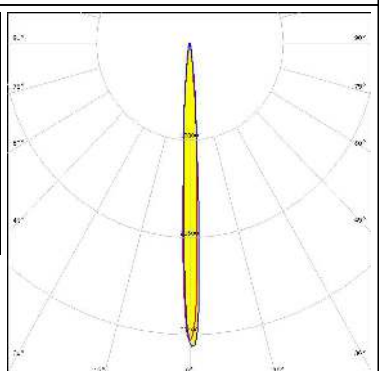

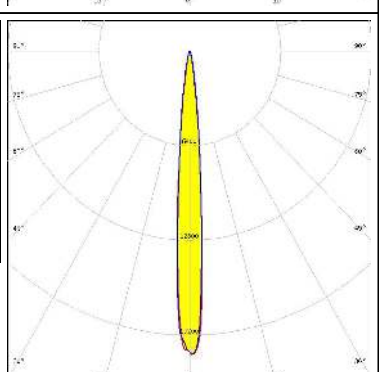

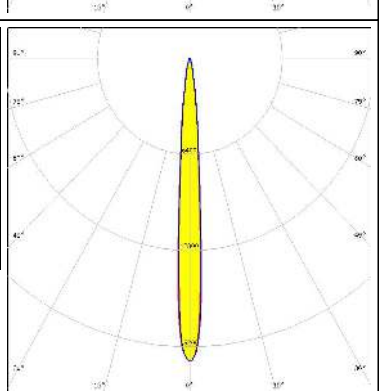
### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12817_LXP3-RS2	Single lens	1680	336	112	8.9
» Box size: 480 x 280 x 300 mm					


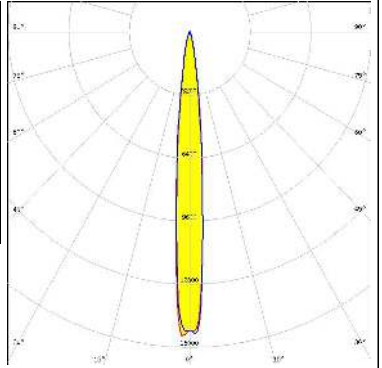

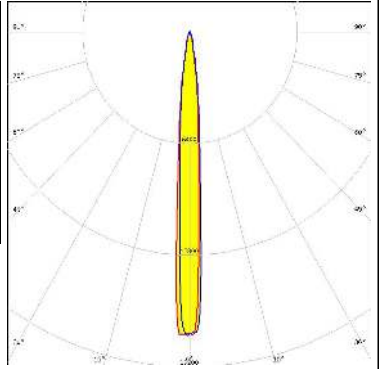


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED                    XP-E            FWHM / FWTM    6.0° / 14.0°            Efficiency            94 %            Peak intensity     39.4 cd/lm            LEDs/each optic   1            Light colour        White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED                    XP-E2            FWHM / FWTM    6.0° / 14.0°            Efficiency            94 %            Peak intensity     40 cd/lm            LEDs/each optic   1            Light colour        White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED                    XP-G2            FWHM / FWTM    9.0° / 19.0°            Efficiency            94 %            Peak intensity     21 cd/lm            LEDs/each optic   1            Light colour        White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED                    XP-L HI            FWHM / FWTM    8.0° / 19.0°            Efficiency            93 %            Peak intensity     20 cd/lm            LEDs/each optic   1            Light colour        White            Required components:</p>		

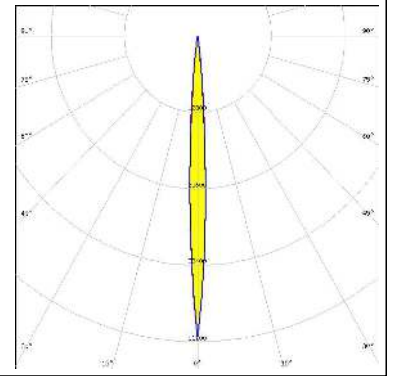
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LED</p> <p>LED XT-E            FWHM / FWTM 10.0° / 22.0°            Efficiency 94 %            Peak intensity 15.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>TOSHIBA</b>            Leading Innovation</p> <p>LED TL1L4            FWHM / FWTM 8.0° / 21.0°            Efficiency 94 %            Peak intensity 18 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### OPTICAL RESULTS (SIMULATED):



LED	LUXEON CZ
FWHM / FWTM	6.0° / 14.0°
Efficiency	95 %
Peak intensity	50.9 cd/lm
LEDs/each optic	1
Light colour	Red
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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