

## G2-LXP2-D

~14° diffused spot beam with light, black holder.  
Assembly with installation tape.

### SPECIFICATION:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

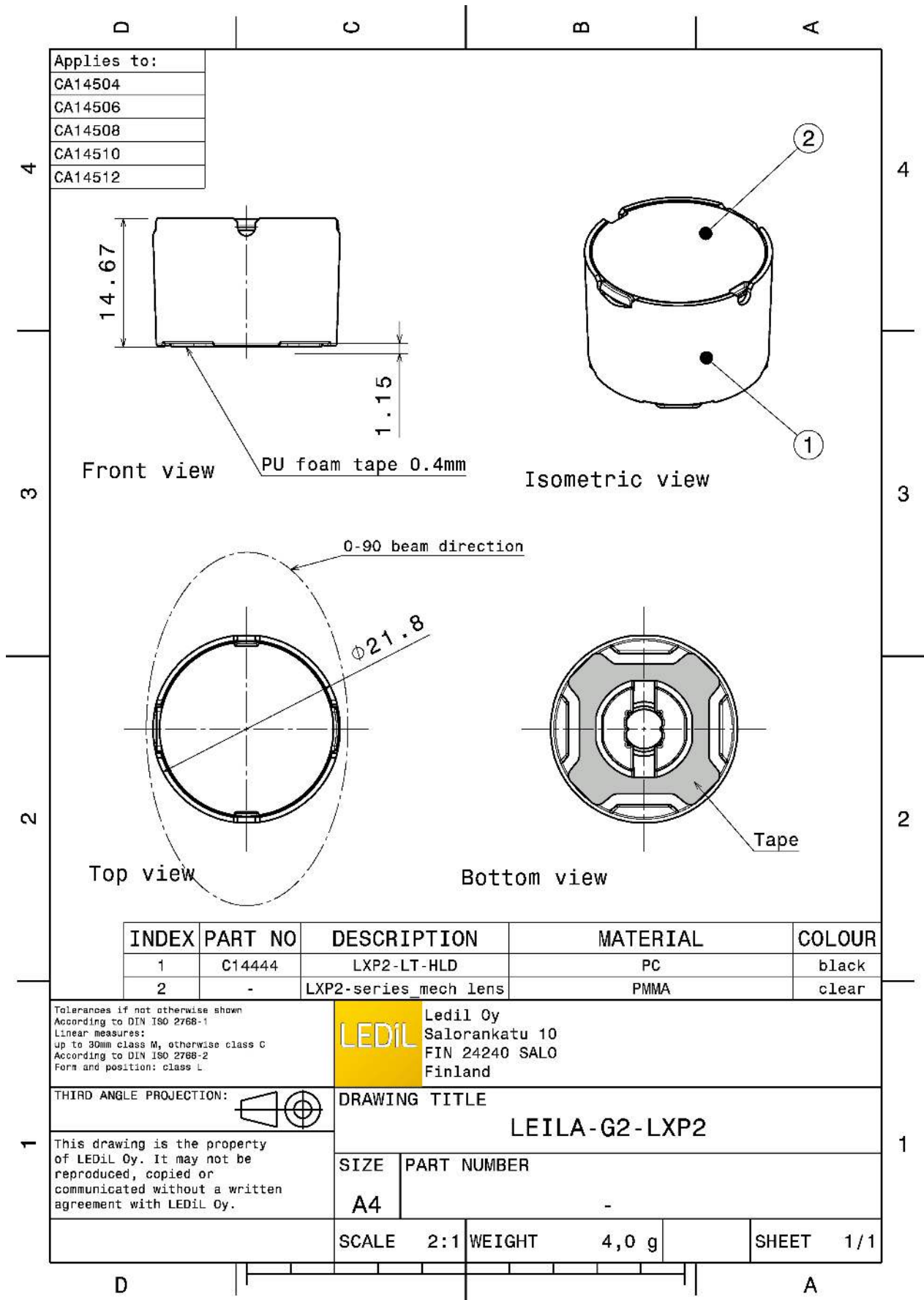
### MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-D	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA14508_G2-LXP2-D	Single lens	1680	0	112	0.0
» Box size: 480 x 280 x 300 mm					





INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14444	LXP2-LT-HLD	PC	black
2	-	LXP2-series mech lens	PMMA	clear

Tolerances if not otherwise shown  
 According to DIN ISO 2768-1  
 Linear measures:  
 up to 30mm class M, otherwise class C  
 According to DIN ISO 2768-2  
 Form and position: class L

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 FIN 24240 SALO  
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**LEILA-G2-LXP2**


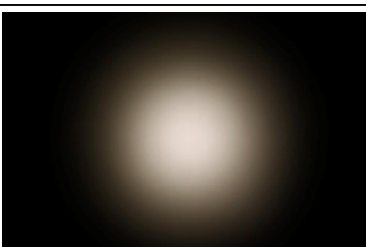
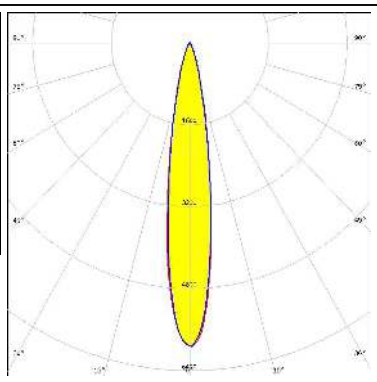
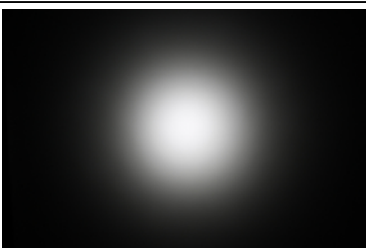
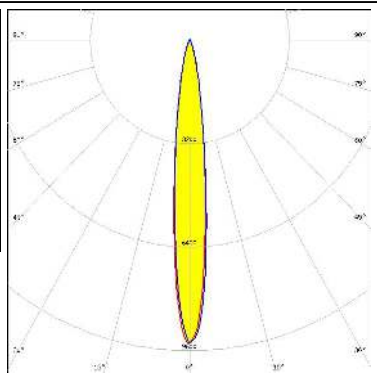
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SIZE	PART NUMBER
A4	-


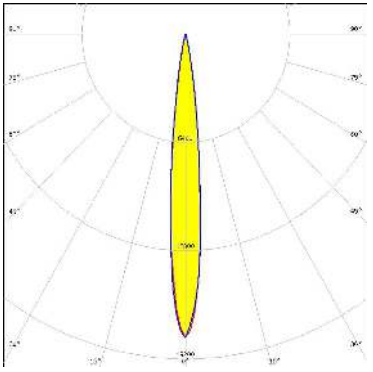

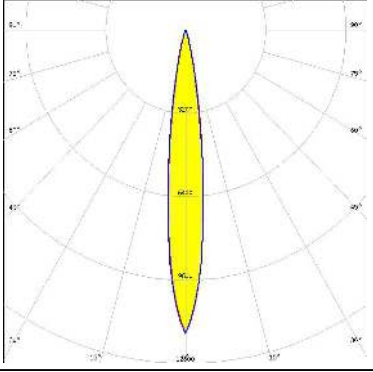

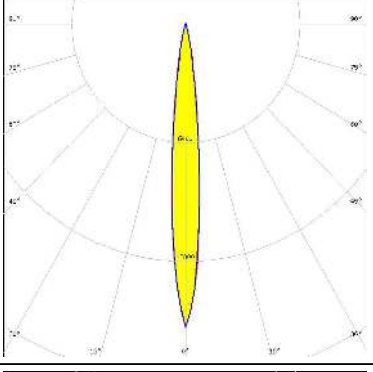

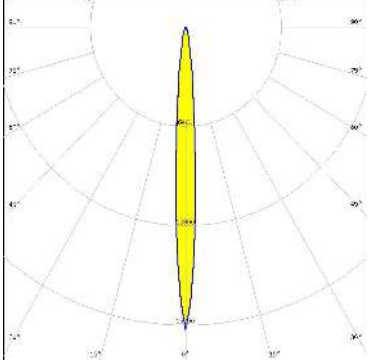
SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
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See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

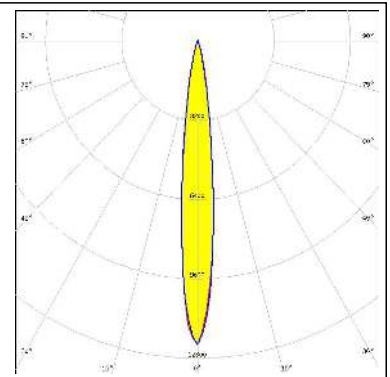
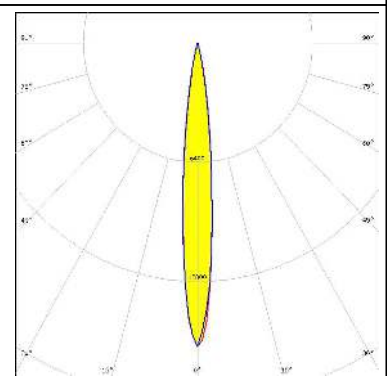
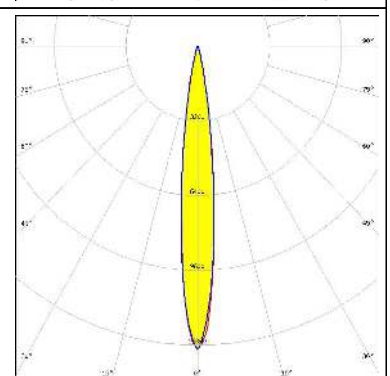
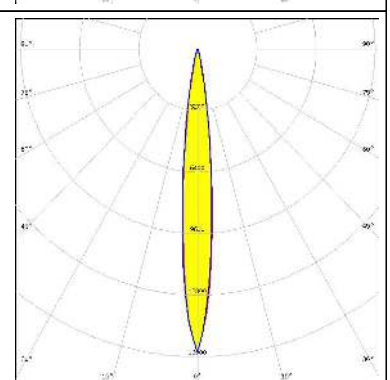
### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED: XP-E            FWHM / FWTM: 9.7° / 22.0°            Efficiency: 88 %            Peak intensity: 19.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED: XP-L HD            FWHM / FWTM: 17.0° / 36.0°            Efficiency: 83 %            Peak intensity: 5.9 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: 12.0° / 29.0°            Efficiency: 85 %            Peak intensity: 9.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		

#### OPTICAL RESULTS (SIMULATED):

	<p>LED: XP-G2            FWHM / FWTM: 11.0° / 22.0°            Efficiency: 93 %            Peak intensity: 18 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: XP-G2 HE            FWHM / FWTM: 14.0° / 28.0°            Efficiency: 91 %            Peak intensity: 11.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: XT-E            FWHM / FWTM: 11.0° / 23.0°            Efficiency: 90 %            Peak intensity: 16.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: NVSxE21A            FWHM / FWTM: 8.0° / 20.0°            Efficiency: 89 %            Peak intensity: 19.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 12.0° / 26.0°            Efficiency 88 %            Peak intensity 12.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LH351A            FWHM / FWTM 11.0° / 23.0°            Efficiency 91 %            Peak intensity 16.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LH351B            FWHM / FWTM 12.0° / 25.0°            Efficiency 90 %            Peak intensity 13 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>SECO</b>  <small>SEOUL SEMICONDUCTOR</small></p> <p>LED Z5M1/Z5M2            FWHM / FWTM 12.0° / 24.0°            Efficiency 93 %            Peak intensity 15.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

### OPTICAL RESULTS (SIMULATED):



### 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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