

G2-LXP2-RS2

~8.5° 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 ⓘ

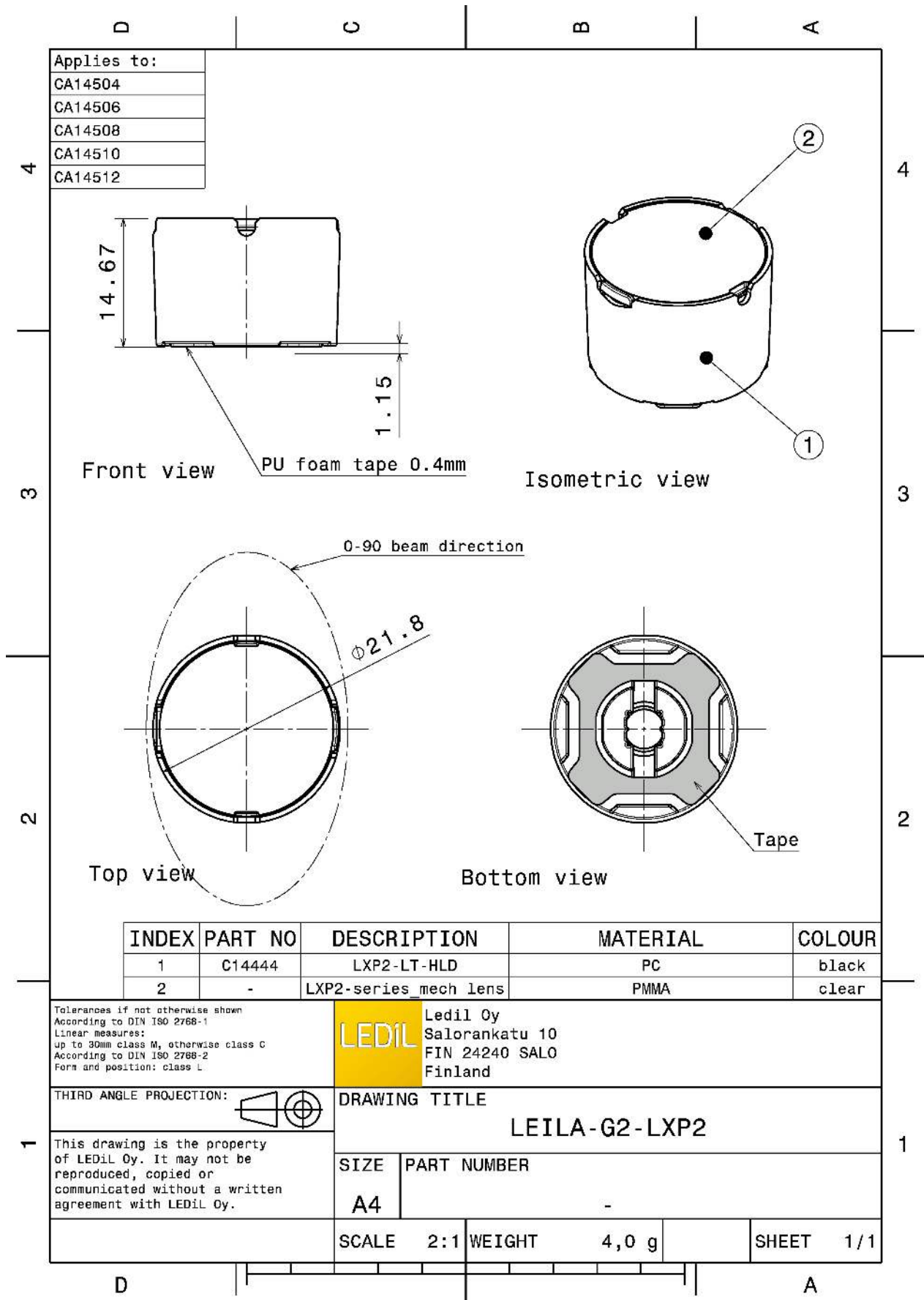


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS2	Single lens	PMMA		
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14506_G2-LXP2-RS2	Single lens	1680	336	112	8.1
» 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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 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LEILA-G2-LXP2

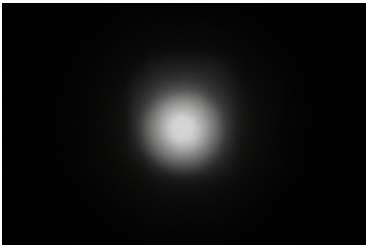
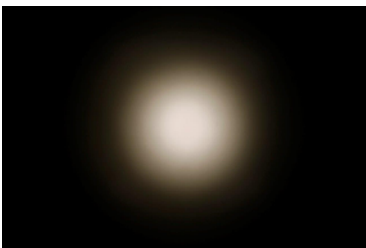
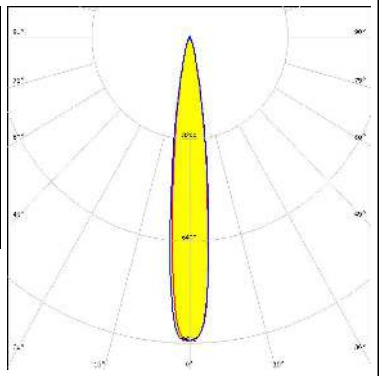

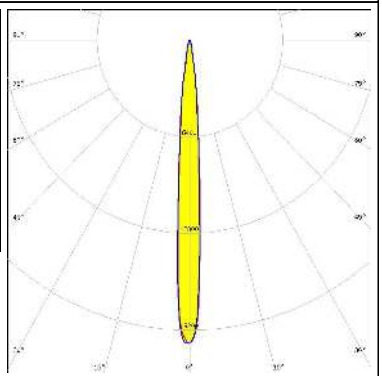
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SIZE	PART NUMBER
A4	-


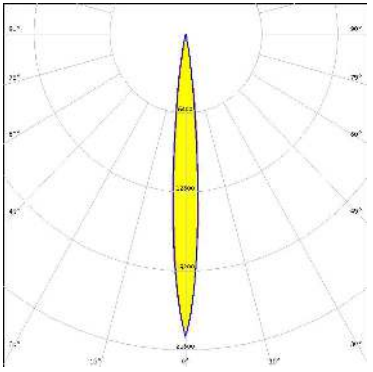

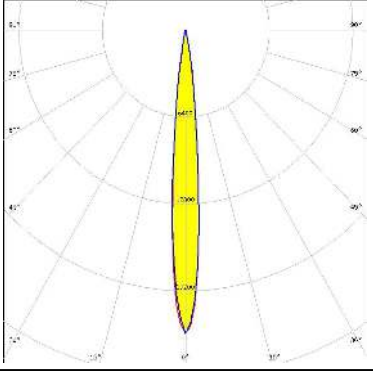

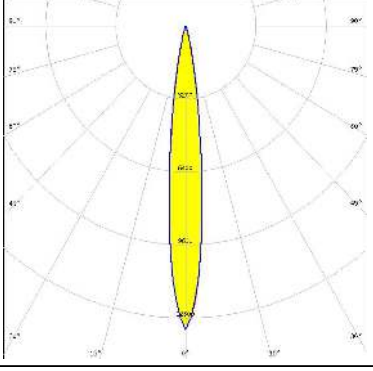

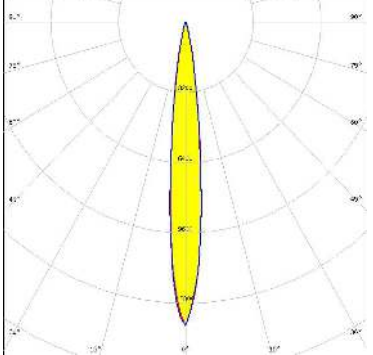
SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

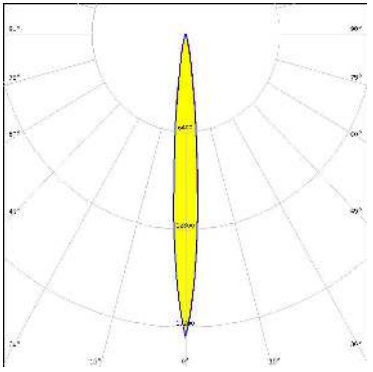
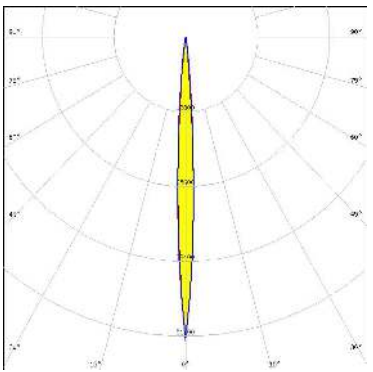
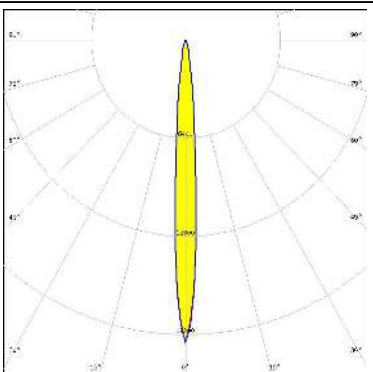
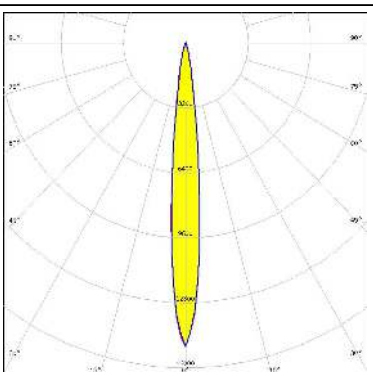
OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED XP-E FWHM / FWTM 7.0° / 15.0° Efficiency 88 % Peak intensity 34.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XP-L HD FWHM / FWTM 14.0° / 28.0° Efficiency 88 % Peak intensity 9.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XP-L HI FWHM / FWTM 8.0° / 19.0° Efficiency 89 % Peak intensity 20.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

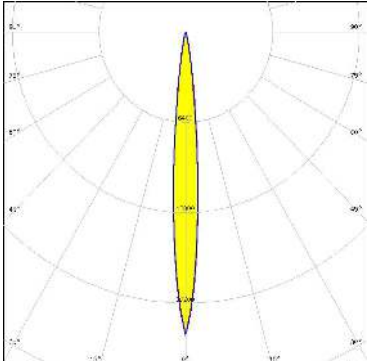
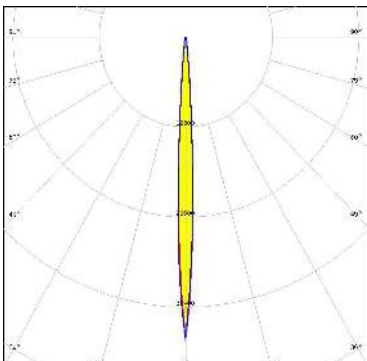
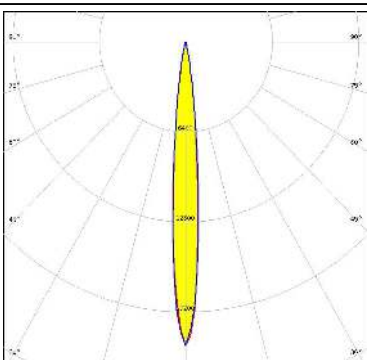
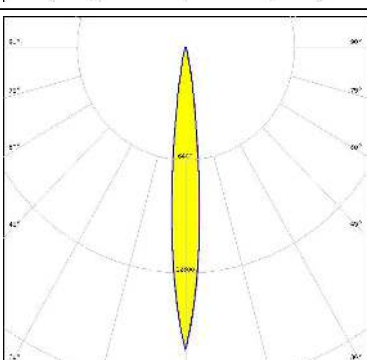
OPTICAL RESULTS (SIMULATED):

	<p>LED: XP-E2 FWHM / FWTM: 10.0° / 19.0° Efficiency: 94 % Peak intensity: 24.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-G2 FWHM / FWTM: 10.0° / 19.0° Efficiency: 93 % Peak intensity: 22.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-G2 HE FWHM / FWTM: 12.0° / 26.0° Efficiency: 91 % Peak intensity: 13.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-G3 FWHM / FWTM: 12.0° / 25.0° Efficiency: 90 % Peak intensity: 13.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	



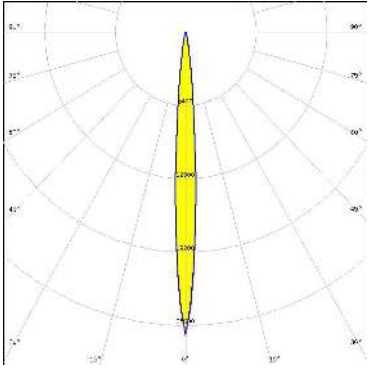
OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: XT-E FWHM / FWTM: 9.5° / 21.0° Efficiency: 92 % Peak intensity: 19.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON CZ FWHM / FWTM: 6.0° / 14.0° Efficiency: 92 % Peak intensity: 52 cd/lm LEDs/each optic: 1 Light colour: Red Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 8.0° / 20.0° Efficiency: 90 % Peak intensity: 19.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 11.0° / 23.0° Efficiency: 88 % Peak intensity: 15 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM: 10.0° / 20.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 21.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4170S</p> <p>FWHM / FWTM: 6.0° / 12.0°</p> <p>Efficiency: 79 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351A</p> <p>FWHM / FWTM: 9.0° / 20.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 21.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351B</p> <p>FWHM / FWTM: 10.0° / 23.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 17.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR		
LED	Z5M1/Z5M2	
FWHM / FWTM	10.0° / 20.0°	
Efficiency	93 %	
Peak intensity	20.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
 SEOUL SEMICONDUCTOR		
LED	Z5P	
FWHM / FWTM	8.0° / 17.0°	
Efficiency	92 %	
Peak intensity	26.5 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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