

## G2-LXP2-O-90

~10° x 40° oval beam optimized for CREE XP-E.  
14.7 mm high assembly with installation tape.  
Variant with beam direction rotated 90°. Variant  
with thin holder.

### SPECIFICATION:

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

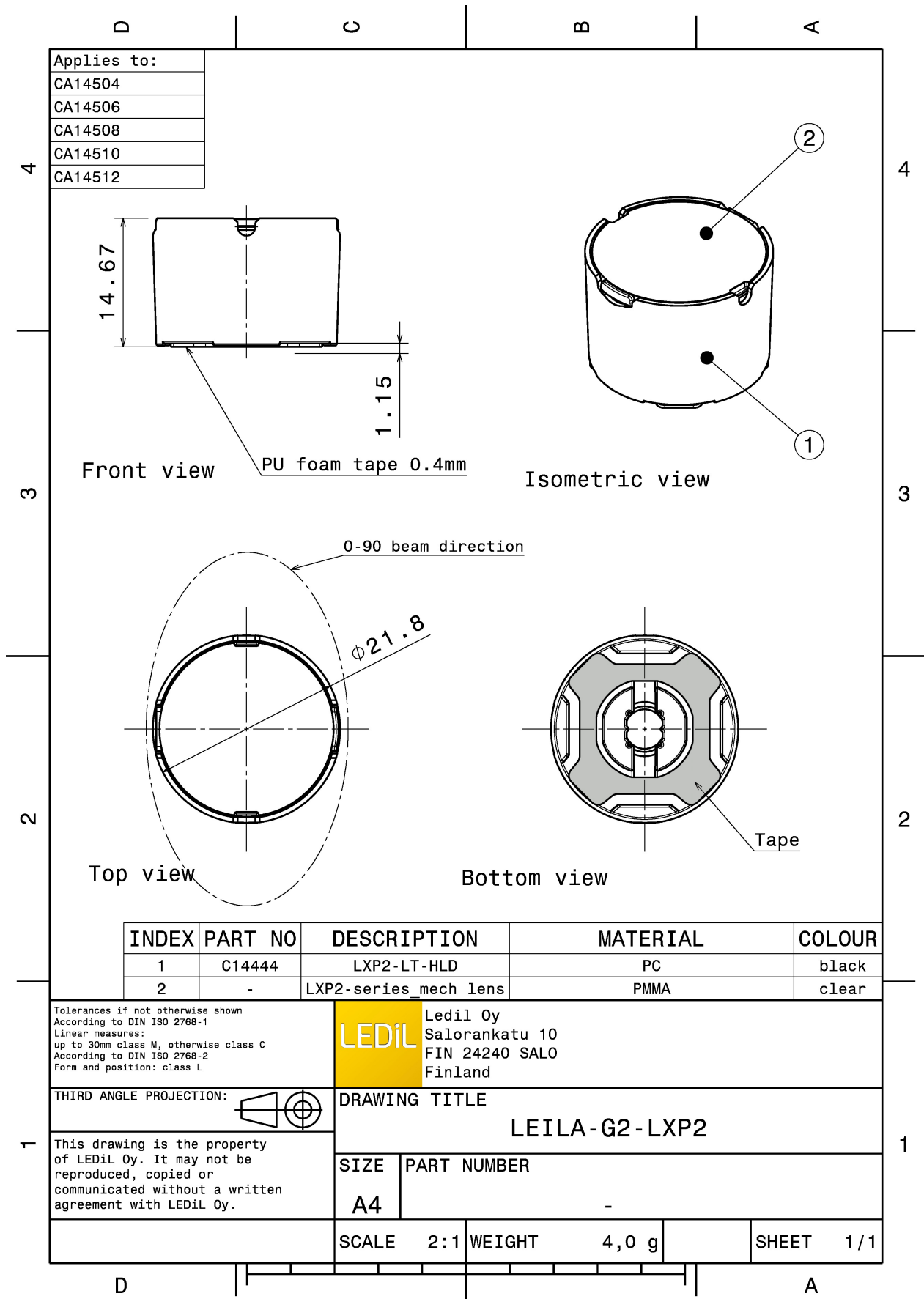


### MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-O-90	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14512_G2-LXP2-O-90	Single lens	1680		112	0.0
» Box size: 480 x 280 x 300 mm					

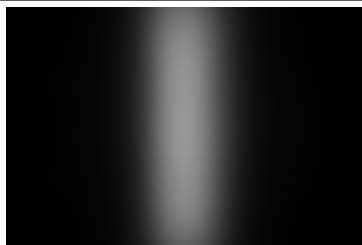


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



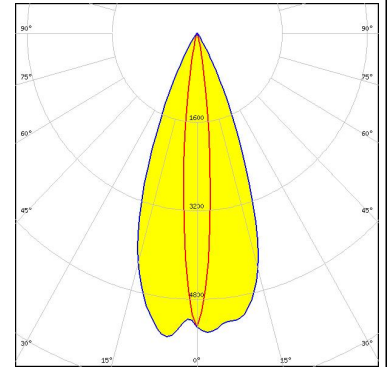
LED	XP-E
FWHM / FWTM	9.0 + 41.0° / 20.0 + 60.0°
Efficiency	89 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



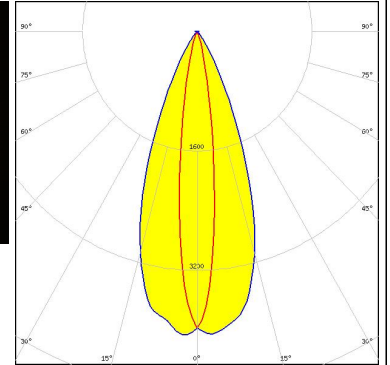
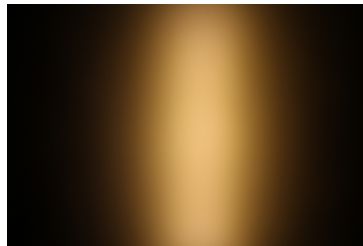
#### OPTICAL RESULTS (SIMULATED):



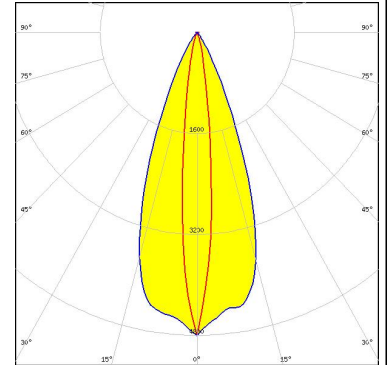
LED XP-G2  
 FWHM / FWTM 11.0 + 41.0° / 23.0 + 60.0°  
 Efficiency 91 %  
 Peak intensity 5.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



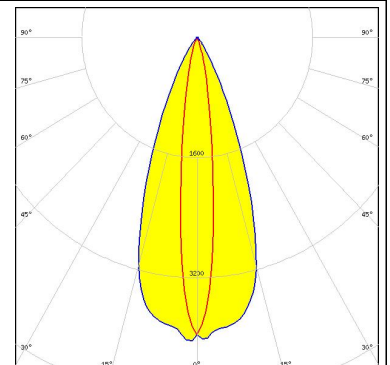
LED XP-G3  
 FWHM / FWTM 14.0 + 41.0° / 29.0 + 64.0°  
 Efficiency 88 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM / FWTM 11.0 + 40.0° / 26.0 + 61.0°  
 Efficiency 88 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 13.0 + 41.0° / 30.0 + 64.0°  
 Efficiency 85 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

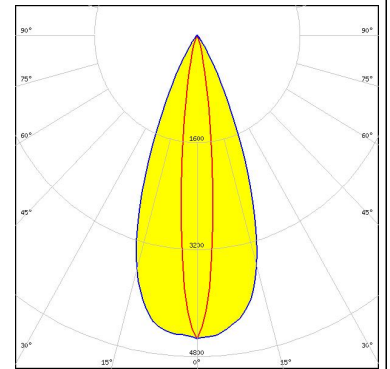


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

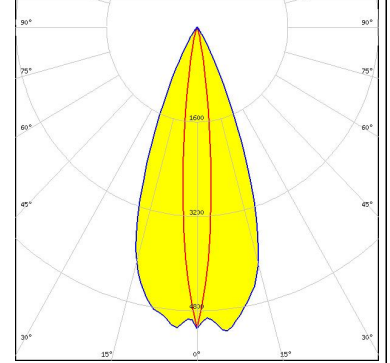
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	12.0 + 42.0° / 27.0 + 62.0°
Efficiency	90 %
Peak intensity	4.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



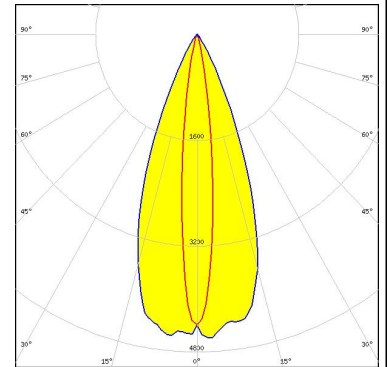
##### SAMSUNG

LED	LH351A
FWHM / FWTM	10.0 + 41.0° / 22.0 + 60.0°
Efficiency	89 %
Peak intensity	5.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



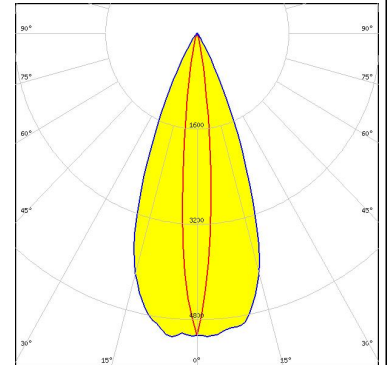
##### SAMSUNG

LED	LH351B
FWHM / FWTM	12.0 + 41.0° / 25.0 + 61.0°
Efficiency	88 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	11.0 + 41.0° / 23.0 + 59.0°
Efficiency	91 %
Peak intensity	5.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



## 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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