

G2-LXP2-RS2

~8.5° spot beam with light, black holder.
Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

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

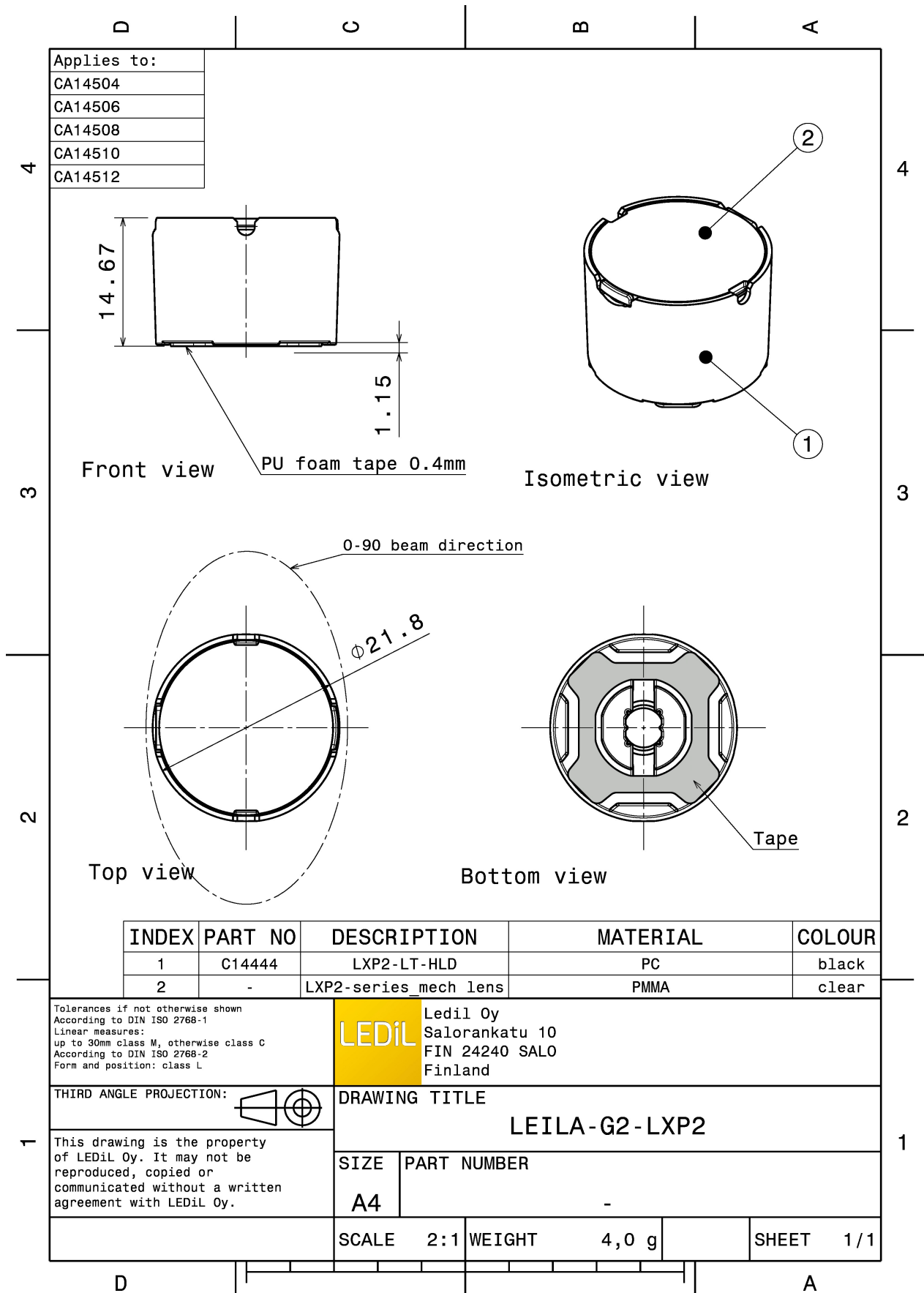
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

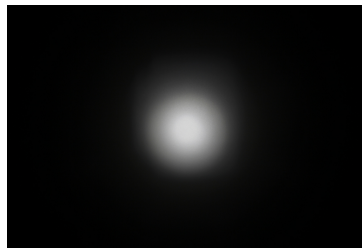
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14506_G2-LXP2-RS2	Single lens	1680	336	112	8.1
» Box size: 480 x 280 x 300 mm					



PHOTOMETRIC DATA (MEASURED):

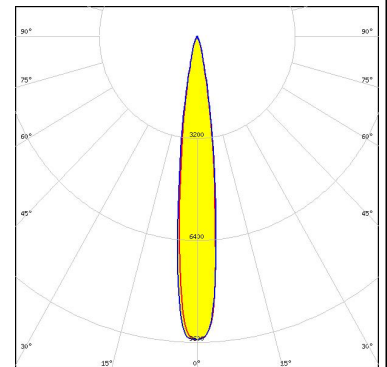
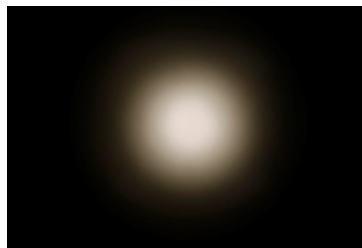
CREE 

LED XP-E
FWHM 7.0°
Efficiency 88 %
Peak intensity 34.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



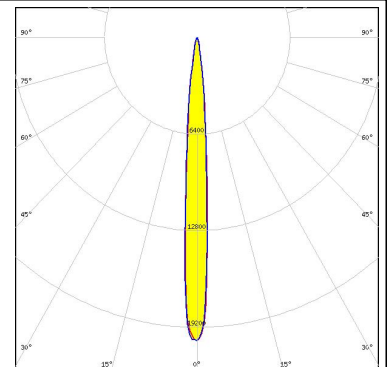
CREE 

LED XP-L HD
FWHM 14.0°
Efficiency 88 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

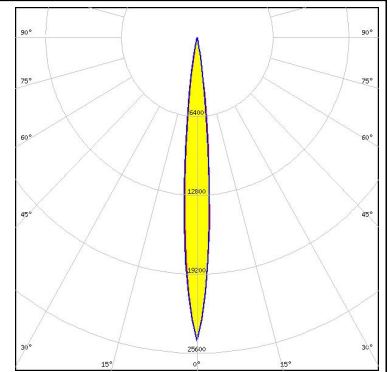
LED XP-L HI
FWHM 8.0°
Efficiency 89 %
Peak intensity 20.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



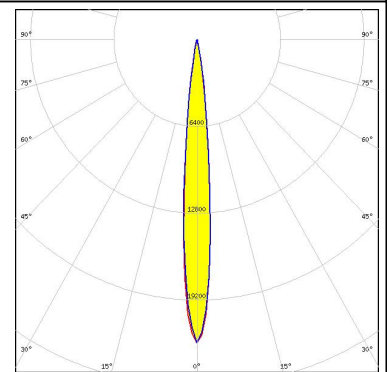
PHOTOMETRIC DATA (SIMULATED):



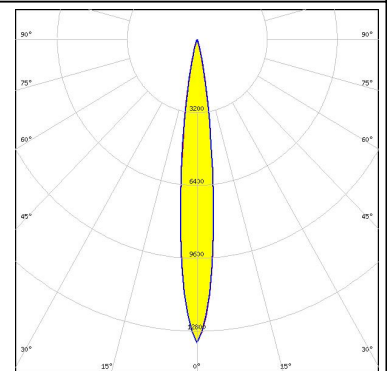
LED XP-E2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 24.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



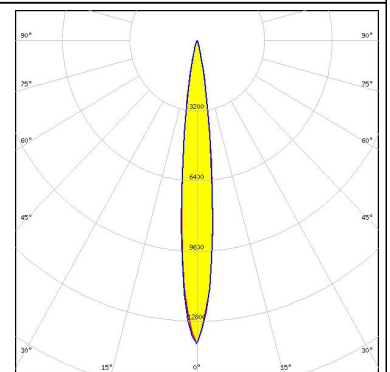
LED XP-G2
 FWHM 10.0°
 Efficiency 93 %
 Peak intensity 22.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2 HE
 FWHM 12.0°
 Efficiency 91 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



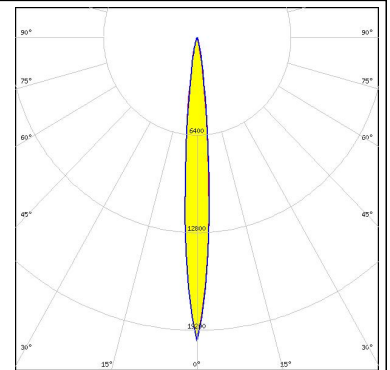
LED XP-G3
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 13.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



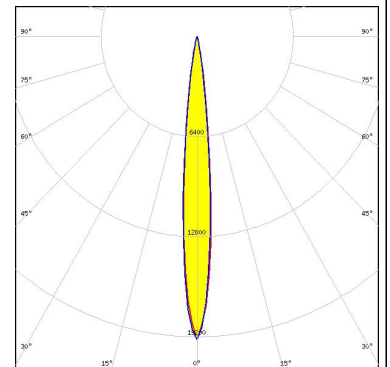
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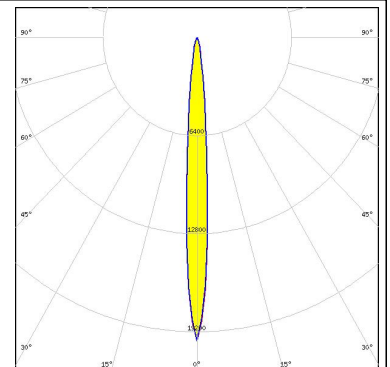
LED XT-E
 FWHM 9.5°
 Efficiency 92 %
 Peak intensity 19.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



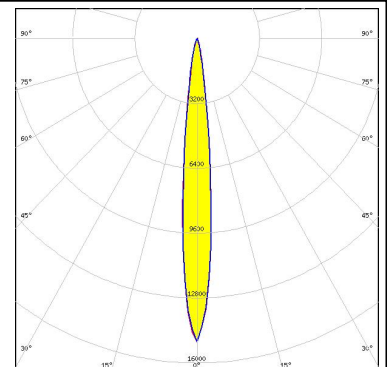
LED H35C1 (LEMWA33)
 FWHM 10.0°
 Efficiency 92 %
 Peak intensity 19.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxE21A
 FWHM 8.0°
 Efficiency 90 %
 Peak intensity 19.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM 11.0°
 Efficiency 88 %
 Peak intensity 15 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

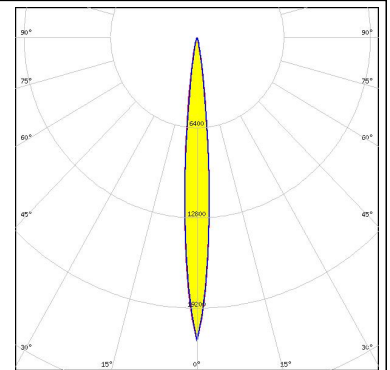


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

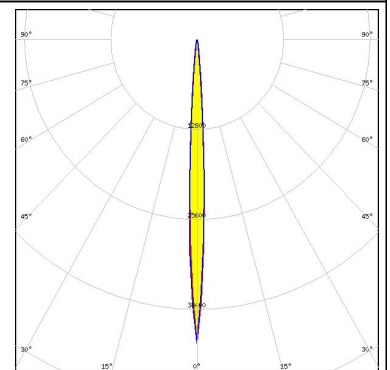
LED OSLOM Square CSSRM2/CSSRM3
 FWHM 10.0°
 Efficiency 93 %
 Peak intensity 21.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

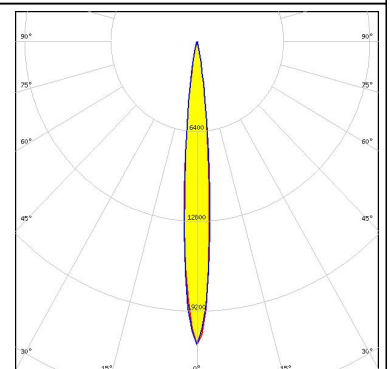
Opto Semiconductors

LED SFH 4170S
 FWHM 6.0°
 Efficiency 79 %
 LEDs/each optic 1
 Light colour IR
 Required components:



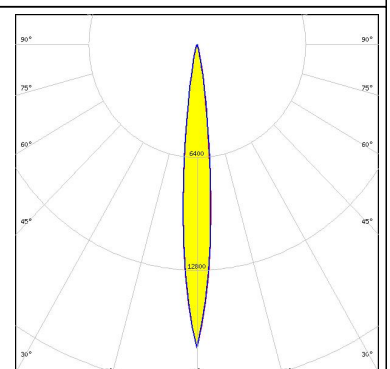
SAMSUNG

LED LH351A
 FWHM 9.0°
 Efficiency 91 %
 Peak intensity 21.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351B
 FWHM 10.0°
 Efficiency 91 %
 Peak intensity 17.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

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