

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 ⓘ

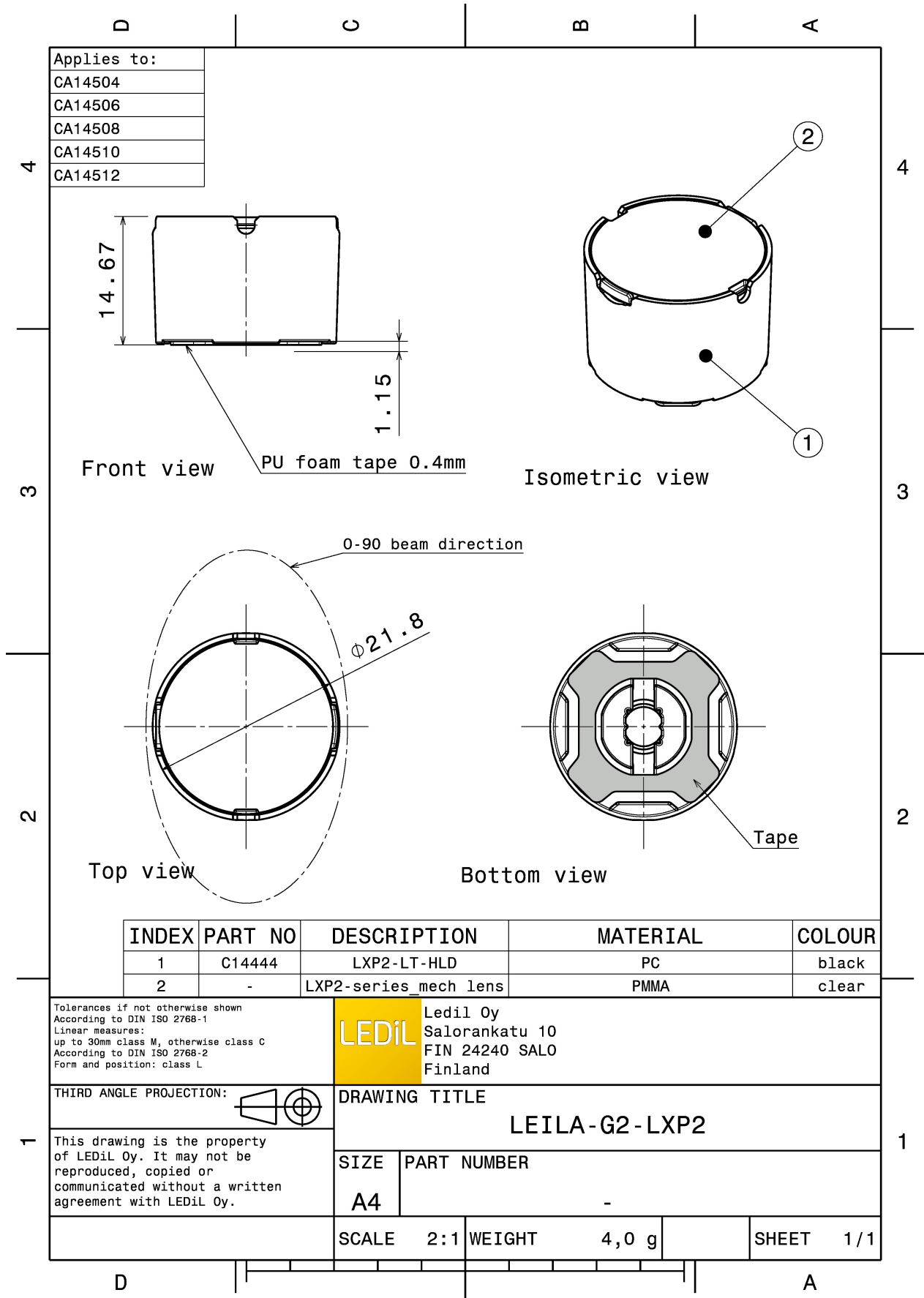


MATERIALS:

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



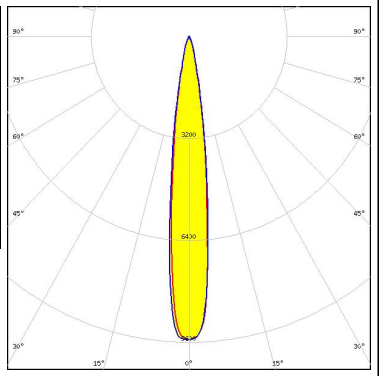

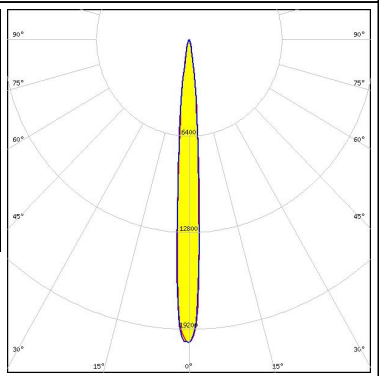
ORDERING INFORMATION:

Component	Type	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					



See also our general installation guide: www.ledil.com/installation_guide

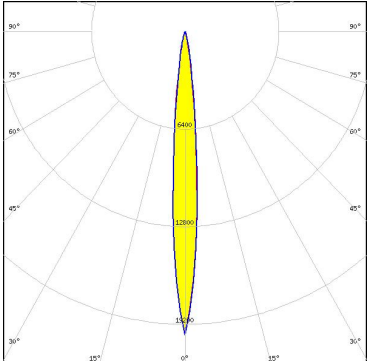
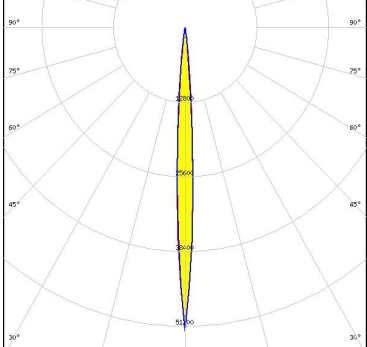
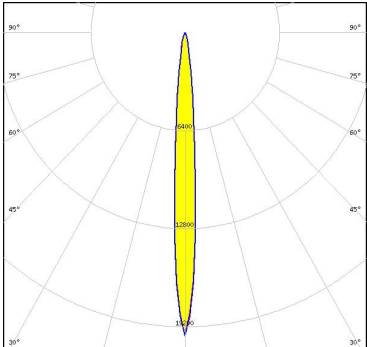
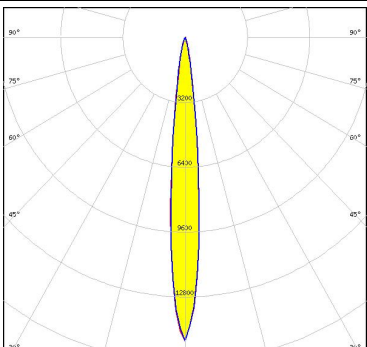
OPTICAL RESULTS (MEASURED):

<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>CREE → LED</p> <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>CREE → LED</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>CREE → LED</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>CREE → LED</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):

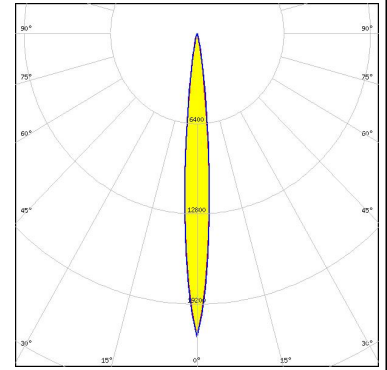
<p>CREE LED</p> <p>LED: XT-E FWHM / FWTM: 9.5° / 21.0° Efficiency: 92 % Peak intensity: 19.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON CZ FWHM / FWTM: 6.0° / 14.0° Efficiency: 92 % Peak intensity: 52 cd/lm LEDs/each optic: 1 Light colour: Red 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):

OSRAM

Opto Semiconductors

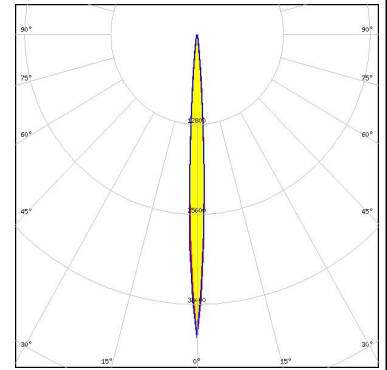
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 93 %
 Peak intensity 21.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

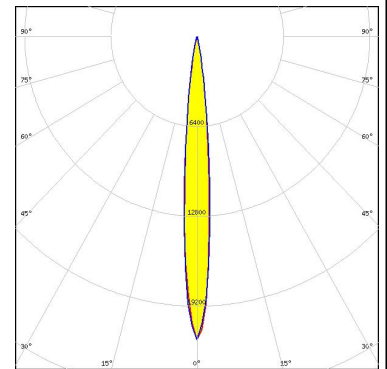
Opto Semiconductors

LED SFH 4170S
 FWHM / FWTM 6.0° / 12.0°
 Efficiency 79 %
 LEDs/each optic 1
 Light colour IR
 Required components:



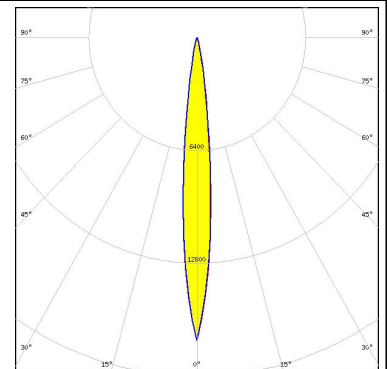
SAMSUNG

LED LH351A
 FWHM / FWTM 9.0° / 20.0°
 Efficiency 91 %
 Peak intensity 21.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




SAMSUNG

LED LH351B
 FWHM / FWTM 10.0° / 23.0°
 Efficiency 91 %
 Peak intensity 17.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

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

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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