

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°.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

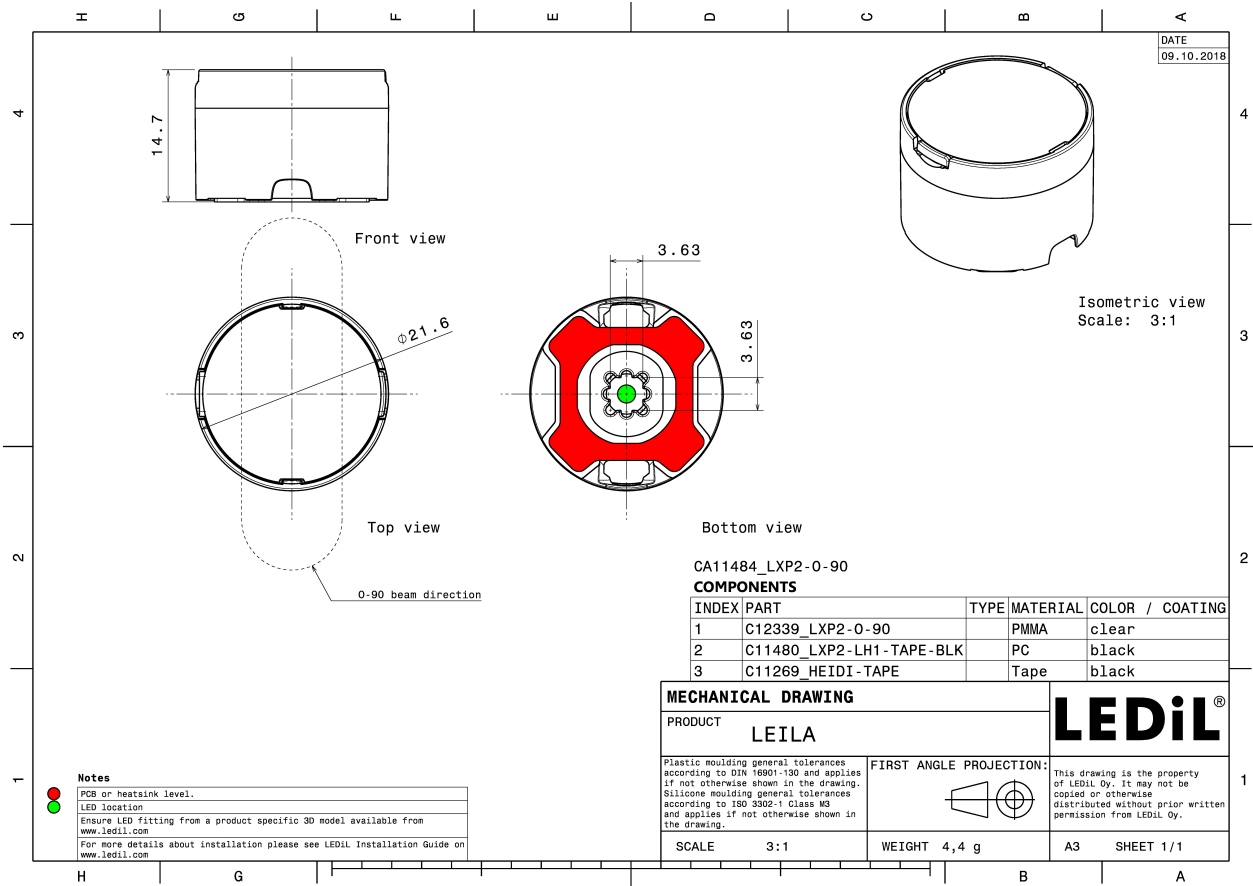


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-O-90	Single lens	PMMA	clear	
LXP2-LH1-TAPE-BLK	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA11484_LXP2-O-90	Single lens	1680	336	112	9.2
» Box size: 480 x 280 x 300 mm					

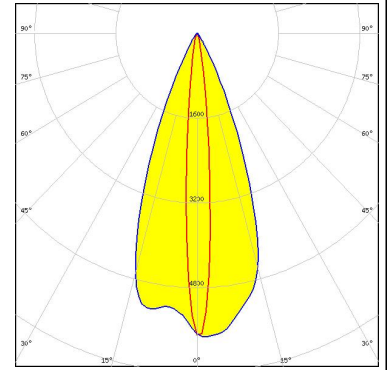


See also our general installation guide: www.ledil.com/installation_guide

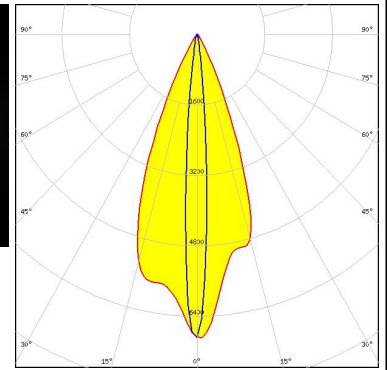
OPTICAL RESULTS (MEASURED):



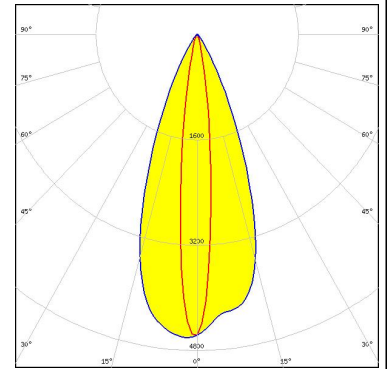
LED XP-E
 FWHM / FWTM 9.0 + 41.0° / 20.0 + 61.0°
 Efficiency 89 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



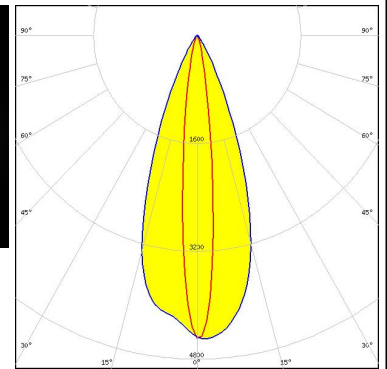
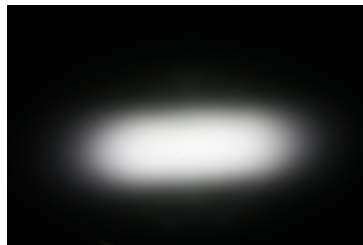
LED XP-E2
 FWHM / FWTM 10.0 + 42.0° / 20.0 + 60.0°
 Efficiency 86 %
 Peak intensity 6.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G
 FWHM / FWTM 12.0 + 40.0° / 25.0 + 63.0°
 Efficiency 89 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



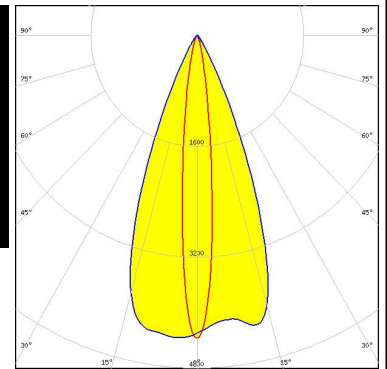
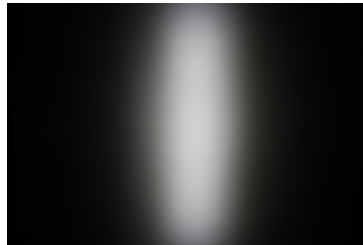
LED XP-G2
 FWHM / FWTM 12.0 + 40.0° / 27.0 + 62.0°
 Efficiency 87 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



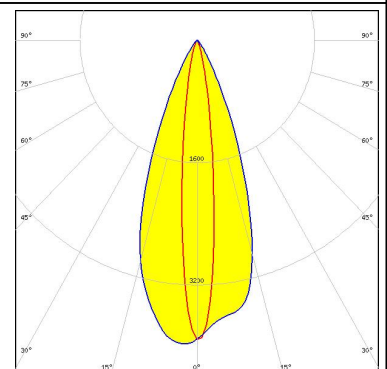
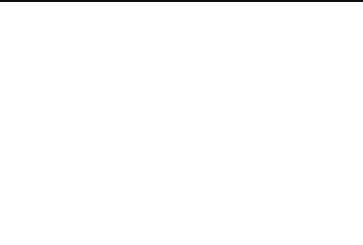
OPTICAL RESULTS (MEASURED):



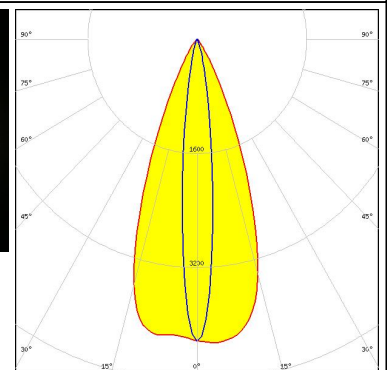
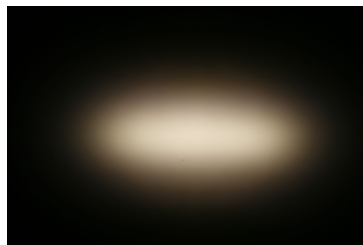
LED XP-L HI
 FWHM / FWTM 12.0 + 43.0° / 27.0 + 61.0°
 Efficiency 86 %
 Peak intensity 4.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



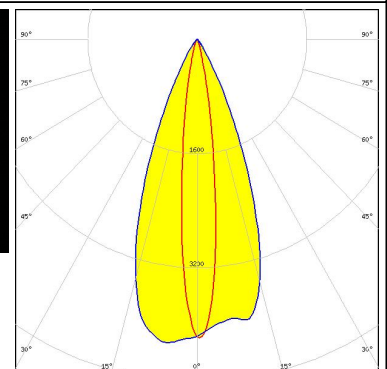
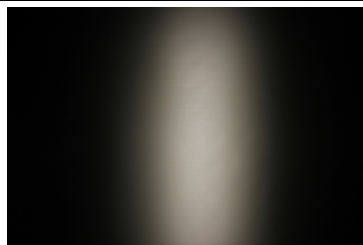
LED XT-E
 FWHM / FWTM 13.0 + 41.0° / 30.0 + 63.0°
 Efficiency 84 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:




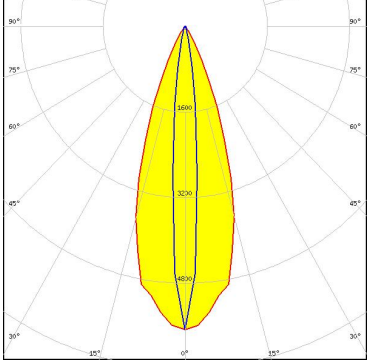

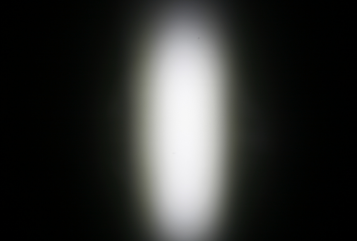
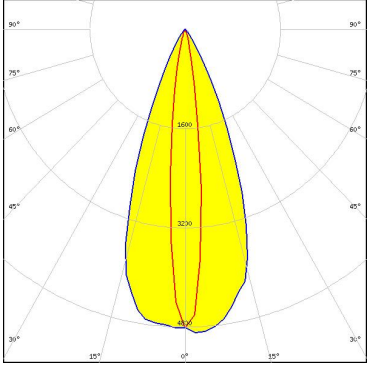
LED LUXEON Q
 FWHM / FWTM 12.0 + 41.0° / 62.0 + 27.0°
 Efficiency 85 %
 Peak intensity 4.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



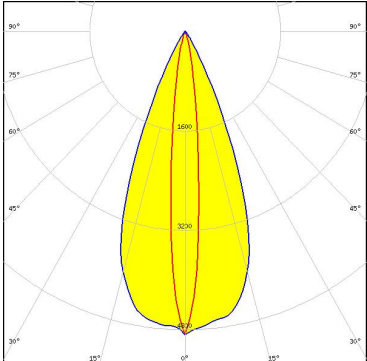
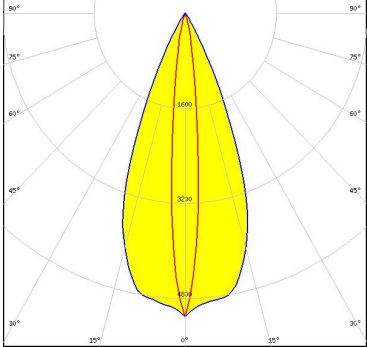
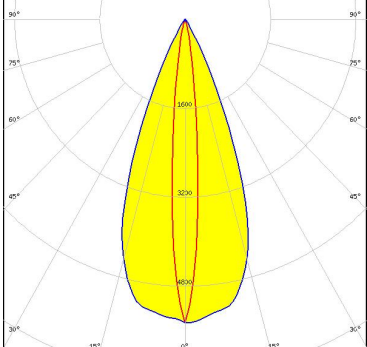
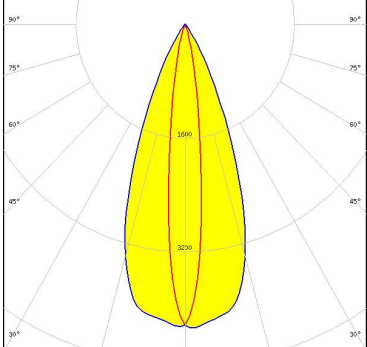
LED NVSW219D
 FWHM / FWTM 13.0 + 42.0° / 28.0 + 62.0°
 Efficiency 89 %
 Peak intensity 4.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5</p> <p>FWHM / FWTM 10.0 + 36.0° / 24.0 + 58.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 5.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 13.0 + 42.0° / 26.0 + 63.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 4.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NCSxx19B FWHM / FWTM: 11.0 + 44.0° / 26.0 + 60.0° Efficiency: 90 % Peak intensity: 4.9 cd/lm LEDs/each optic: 1 Light colour: Green Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxx19B FWHM / FWTM: 10.0 + 42.0° / 24.0 + 60.0° Efficiency: 90 % Peak intensity: 5.1 cd/lm LEDs/each optic: 1 Light colour: Blue Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxx19B FWHM / FWTM: 10.0 + 42.0° / 22.0 + 58.0° Efficiency: 90 % Peak intensity: 5.5 cd/lm LEDs/each optic: 1 Light colour: Red Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 12.0 + 42.0° / 28.0 + 62.0° Efficiency: 88 % Peak intensity: 4.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 12.0 + 41.0° / 28.0 + 62.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 4.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED LH351C</p> <p>FWHM / FWTM 14.0 + 42.0° / 28.0 + 64.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED LM302D</p> <p>FWHM / FWTM 13.0 + 42.0° / 32.0 + 62.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 40.0 + 14.0° / 64.0 + 34.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 3.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	