

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 ⓘ

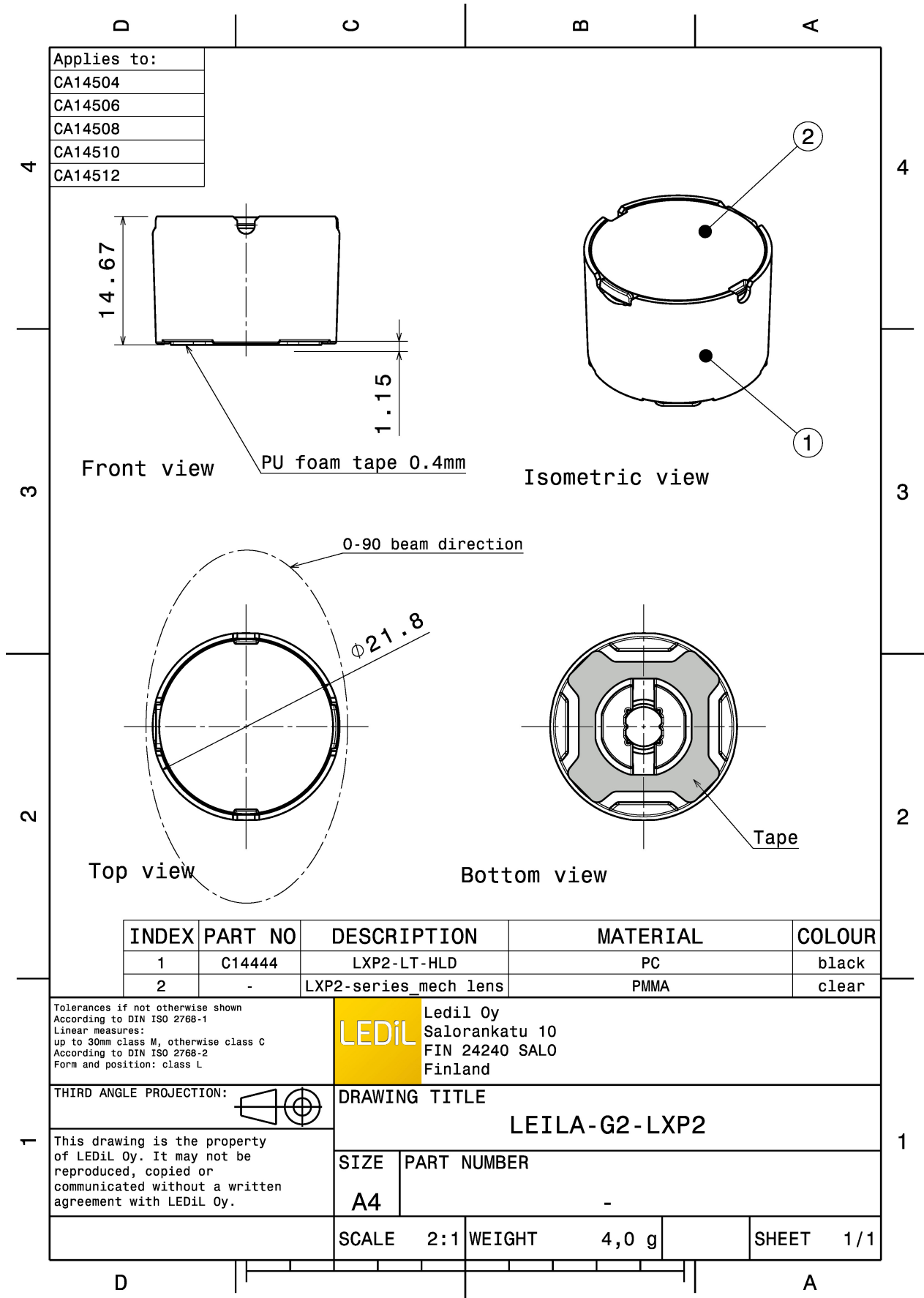


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LXP2-O-90	Single lens	PMMA	clear		20.0
LXP2-LT-HLD	Holder	PC	black		21.6
HEIDI-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA14512_G2-LXP2-O-90 » Box size: 480 x 280 x 300 mm	1680	336	112	8.1

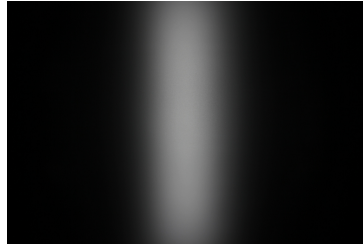


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



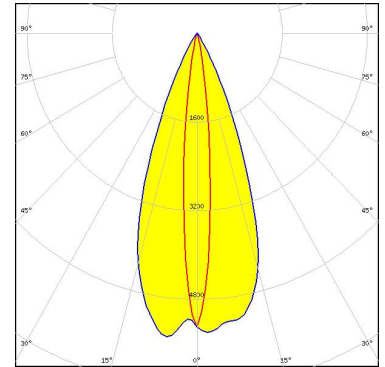
LED	XP-E
FWHM / FWTM	9.0 + 41.0° / 20.0 + 60.0°
Efficiency	89 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



OPTICAL RESULTS (SIMULATED):



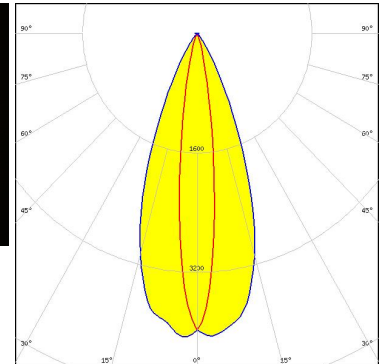
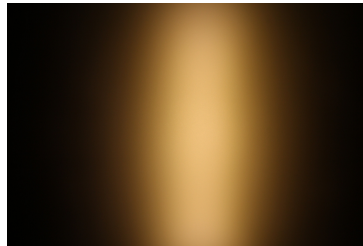
LED XP-G2
FWHM / FWTM 11.0 + 41.0° / 23.0 + 60.0°
Efficiency 91 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



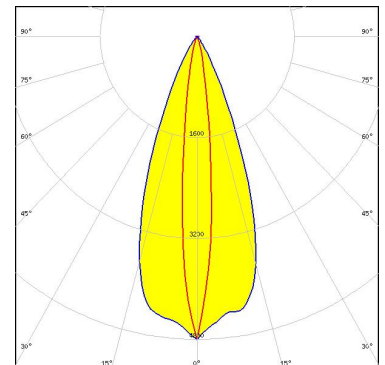
LED XP-G3
FWHM / FWTM 14.0 + 41.0° / 29.0 + 64.0°
Efficiency 88 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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/type White
Required components:

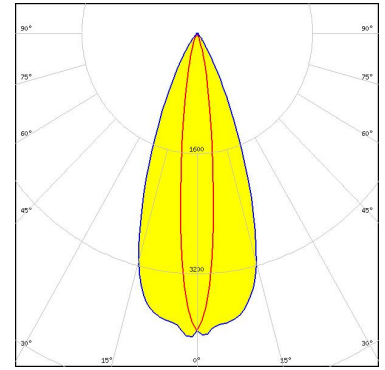


Light distribution files

OPTICAL RESULTS (SIMULATED):



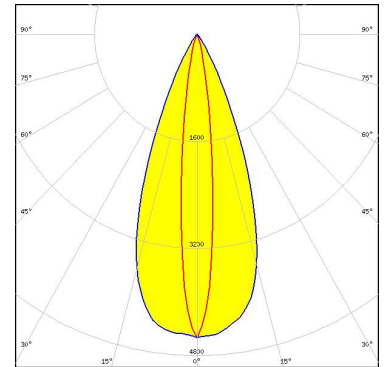
LED NVSxx19B/NVSxx19C
FWHM / FWTM 13.0 + 41.0° / 30.0 + 64.0°
Efficiency 85 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



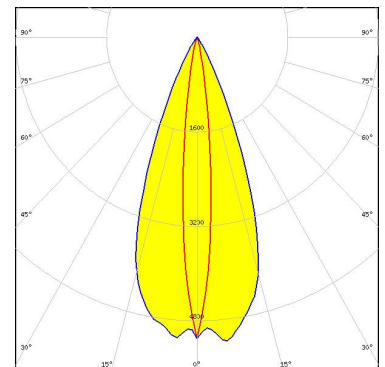
LED OSOLON Square CSSRM2/CSSRM3
FWHM / FWTM 12.0 + 42.0° / 27.0 + 62.0°
Efficiency 90 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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/type White
Required components:

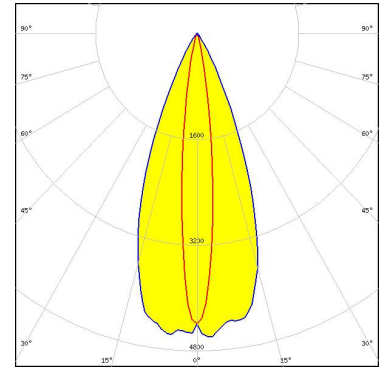


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

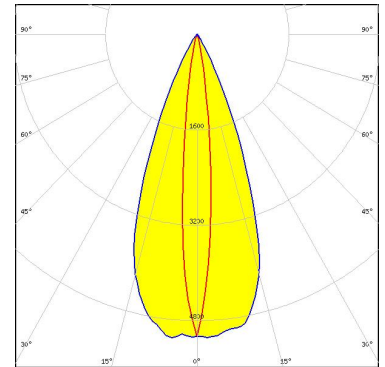
LED LH351B
FWHM / FWTM 12.0 + 41.0° / 25.0 + 61.0°
Efficiency 88 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



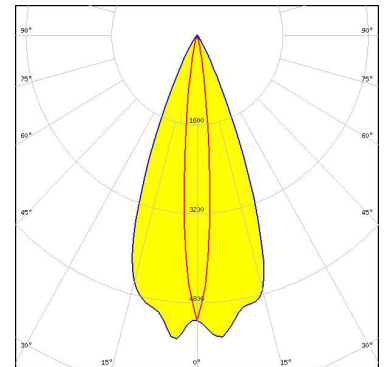
LED Z5M1/Z5M2
FWHM / FWTM 11.0 + 41.0° / 23.0 + 59.0°
Efficiency 91 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5P
FWHM / FWTM 9.0 + 42.0° / 22.0 + 58.0°
Efficiency 90 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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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