

LXP-O-90

~10° x 40° oval beam optimized for CREE XP-E.
14.7 mm high assembly with installation tape.

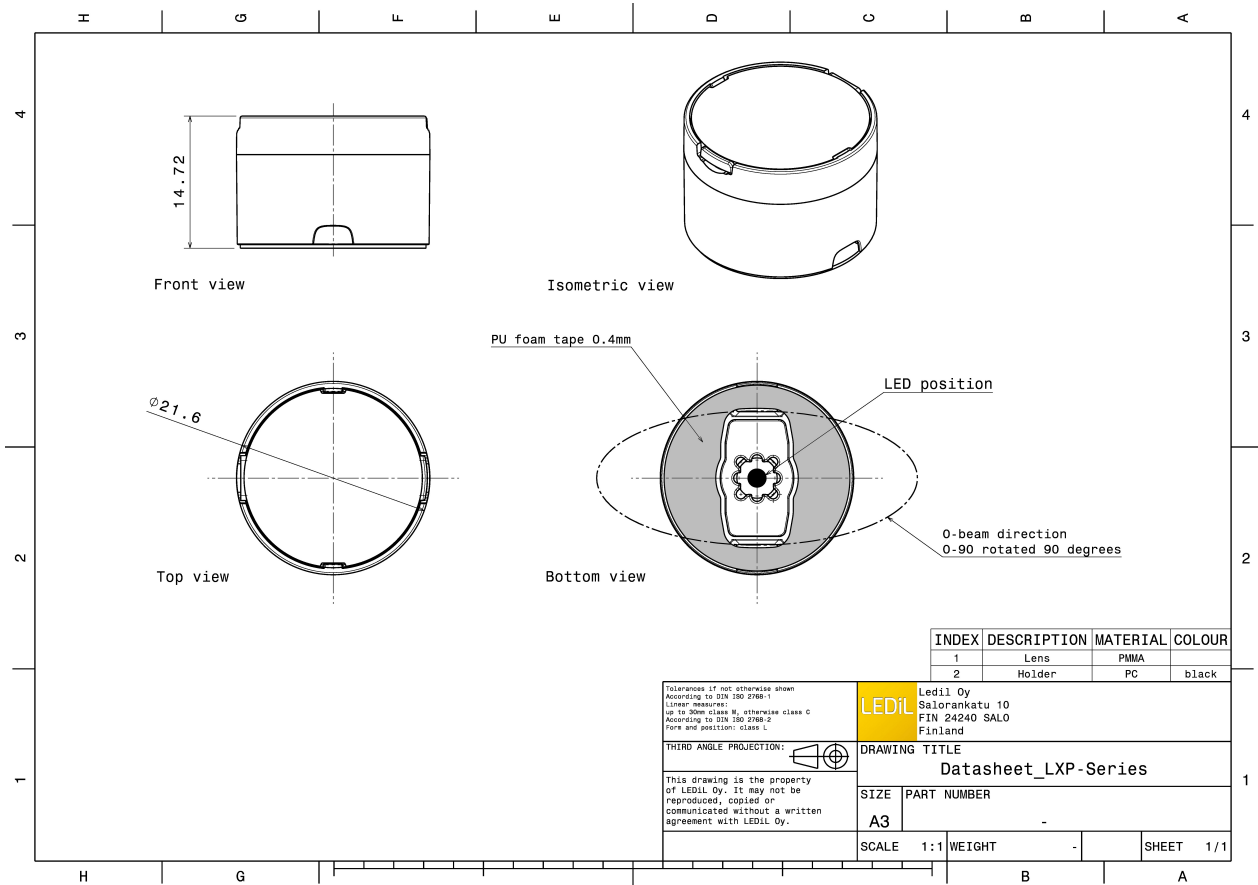
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
Colour	black
Box size	
Box weight	11.6 kg
Quantity in Box	2304 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LR1-O-90	Single lens	PMMA	clear
LXP-LH1-TAPE-BLK	Holder	PC	black
LEILA-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

CREE

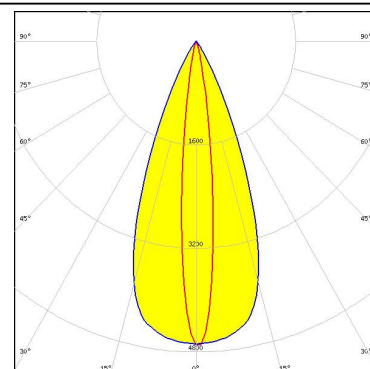
LED XP-E
FWHM 41.0 + 10.0°
Efficiency 89 %
Peak intensity 5.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-E-HEW
FWHM 13.0 + 37.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

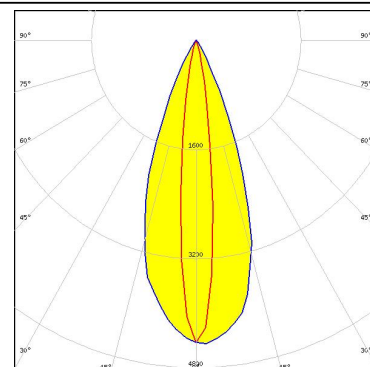
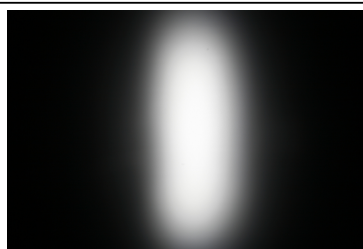
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LED XP-G
FWHM 41.0 + 13.0°
Efficiency 91 %
Peak intensity 4.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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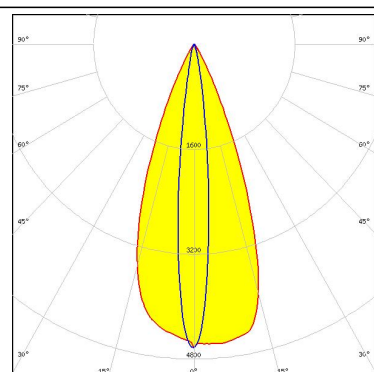
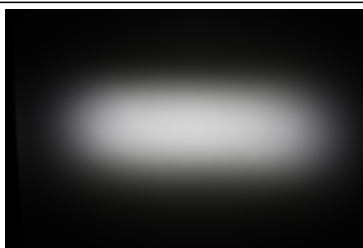
LED XP-G2
FWHM 13.0 + 39.0°
Efficiency 86 %
Peak intensity 4.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



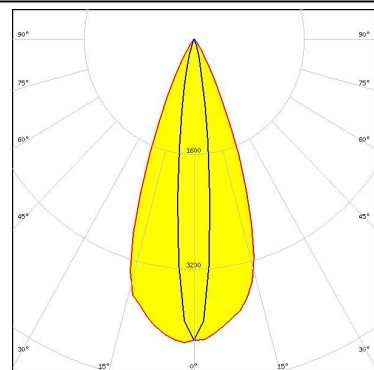
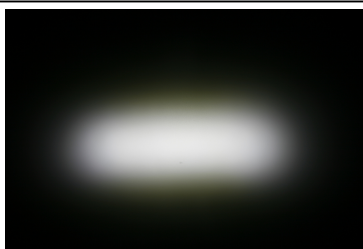
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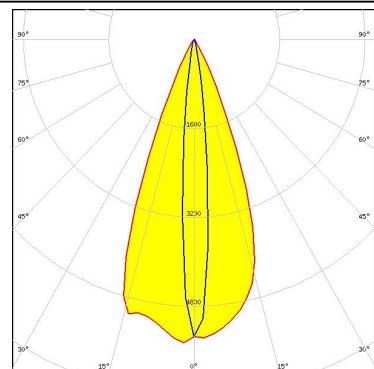
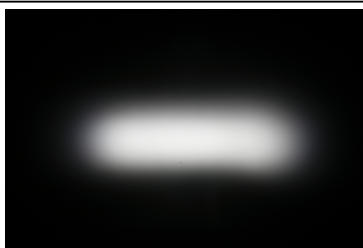
LED XP-L HI
FWHM 41.0 + 12.0°
Efficiency 86 %
Peak intensity 4.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM 41.0 + 13.0°
Efficiency 85 %
Peak intensity 4.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH351A
FWHM 41.0 + 11.0°
Efficiency 89 %
Peak intensity 5.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:

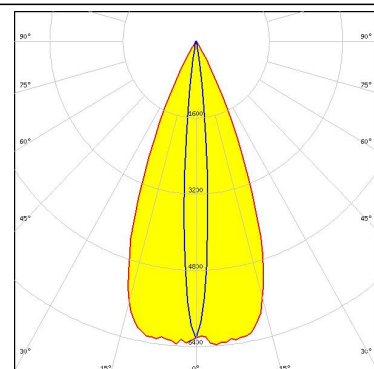


LED Z5
FWHM 38.0 + 21.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

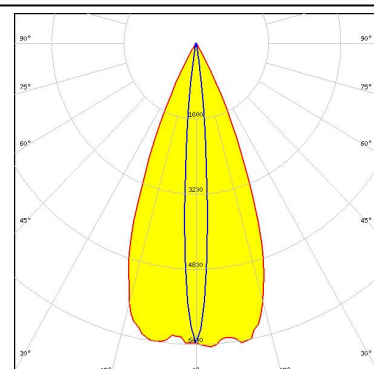
PHOTOMETRIC DATA (SIMULATED):



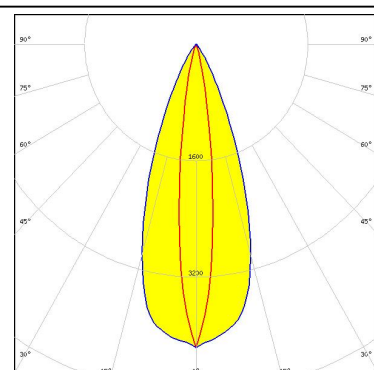
LED XP-E
FWHM 9.0 + 43.0°
Efficiency 92 %
Peak intensity 6.500 cd/Im
LEDs/each optic 1
Light colour White
Required components:



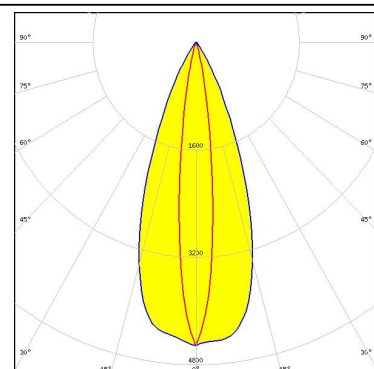
LED XP-E2
FWHM 9.0 + 43.0°
Efficiency 91 %
Peak intensity 6.600 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM 13.0 + 39.0°
Efficiency 84 %
Peak intensity 4.200 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON V2
FWHM 13.0 + 40.0°
Efficiency 91 %
Peak intensity 4.500 cd/Im
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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