

LXP2-M

~25° medium beam optimized for CREE XP-E.
14.7 mm high assembly with installation tape.



SPECIFICATION:

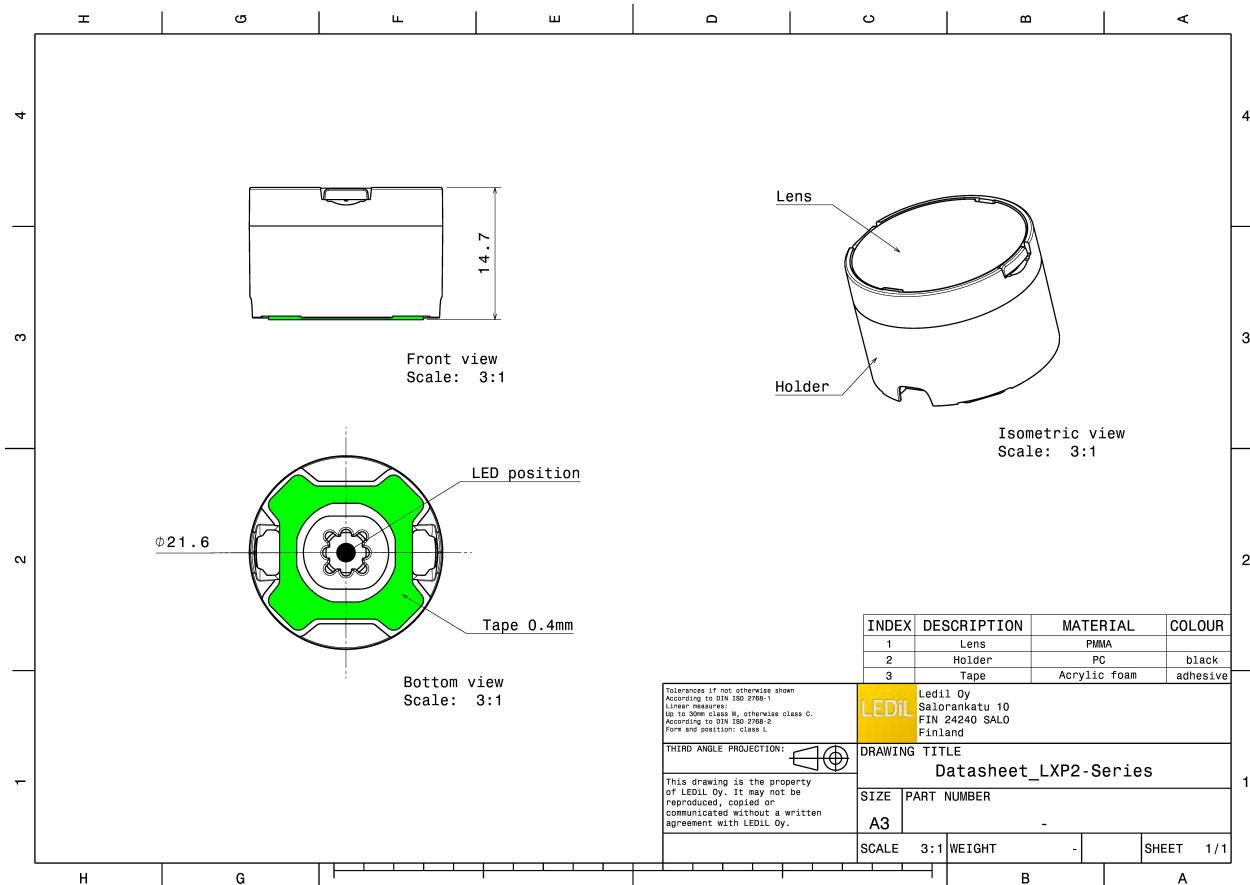
Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes 

MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)	
CA11483_LXP2-M » Box size: 480 x 280 x 300 mm	Single lens	1680	336	112	9.0



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

OPTICAL RESULTS (MEASURED):



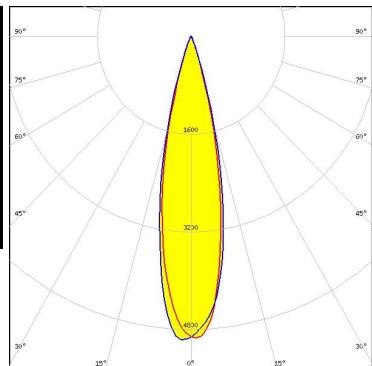
LED XP-E
FWHM / FWTM 23.0° / 38.0°
Efficiency 94 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E-HEW
FWHM / FWTM 23.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM / FWTM 23.0° / 38.0°
Efficiency 88 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

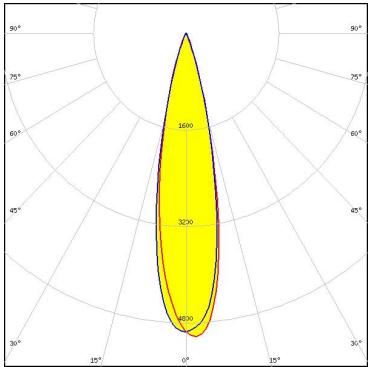


LED XP-G
FWHM / FWTM 24.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

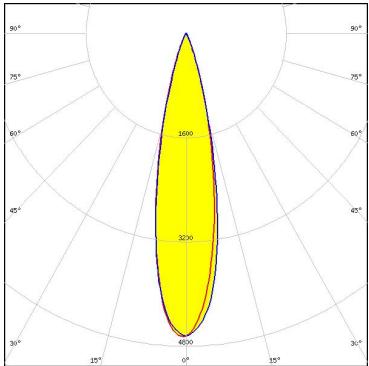
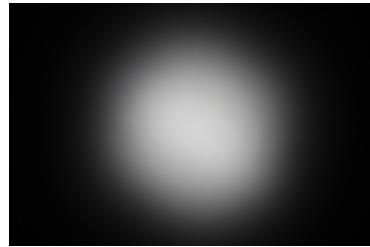
OPTICAL RESULTS (MEASURED):



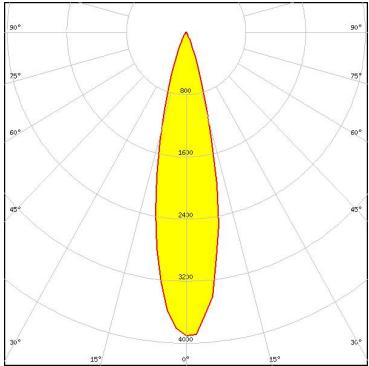
LED XP-G2
FWHM / FWTM 23.0° / 40.0°
Efficiency 90 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



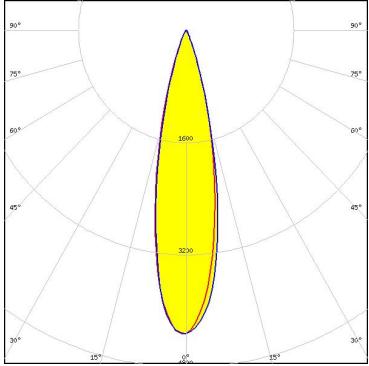
LED XP-L HI
FWHM / FWTM 24.0° / 41.0°
Efficiency 87 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



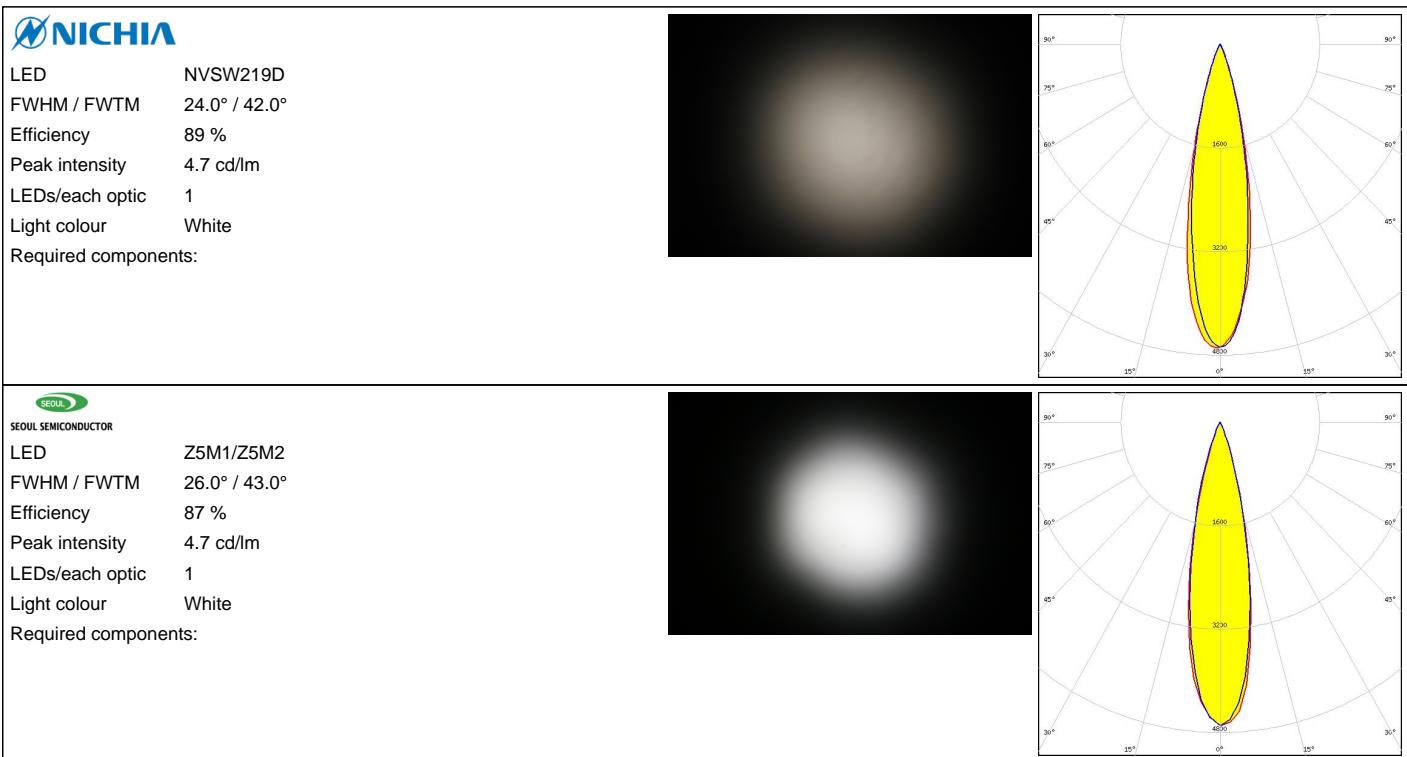
LED XT-E
FWHM / FWTM 24.0° / 42.0°
Efficiency 88 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Q
FWHM / FWTM 24.0° / 42.0°
Efficiency 87 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

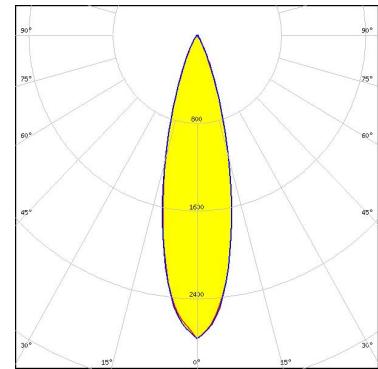


OPTICAL RESULTS (SIMULATED):



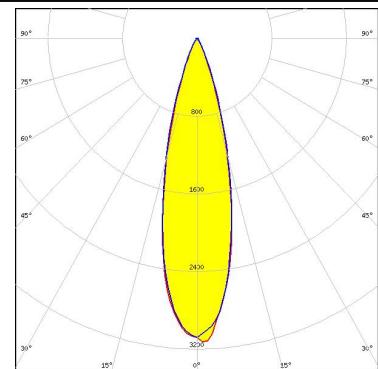
LED	XHP35.2 HD
FWHM / FWTM	26.0° / 50.0°
Efficiency	73 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



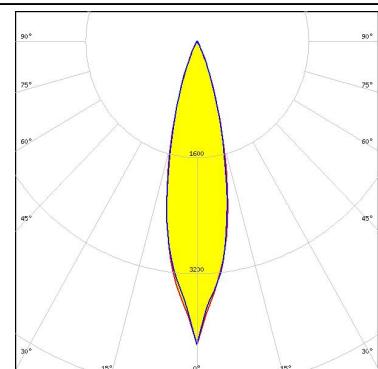
LED	XHP35.2 HI
FWHM / FWTM	26.0° / 48.0°
Efficiency	79 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



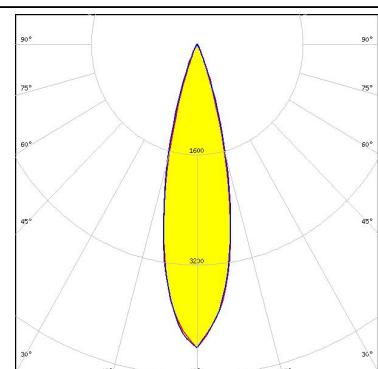
LED	XP-L HD
FWHM / FWTM	24.0° / 45.0°
Efficiency	86 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



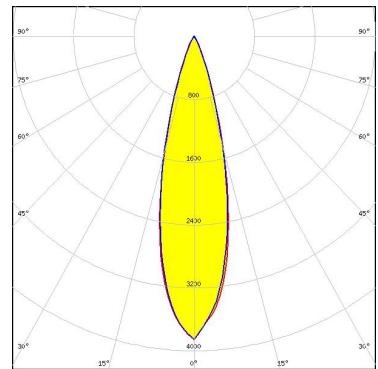
LED	LM301B
FWHM / FWTM	26.0° / 44.0°
Efficiency	93 %
Peak intensity	4.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



OPTICAL RESULTS (SIMULATED):

SEoul SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	25.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
SEoul SEMICONDUCTOR	
LED	Z8Y22P
FWHM / FWTM	26.0° / 46.0°
Efficiency	89 %
Peak intensity	3.9 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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