

LXP2-D

~14° diffused spot 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 ⓘ

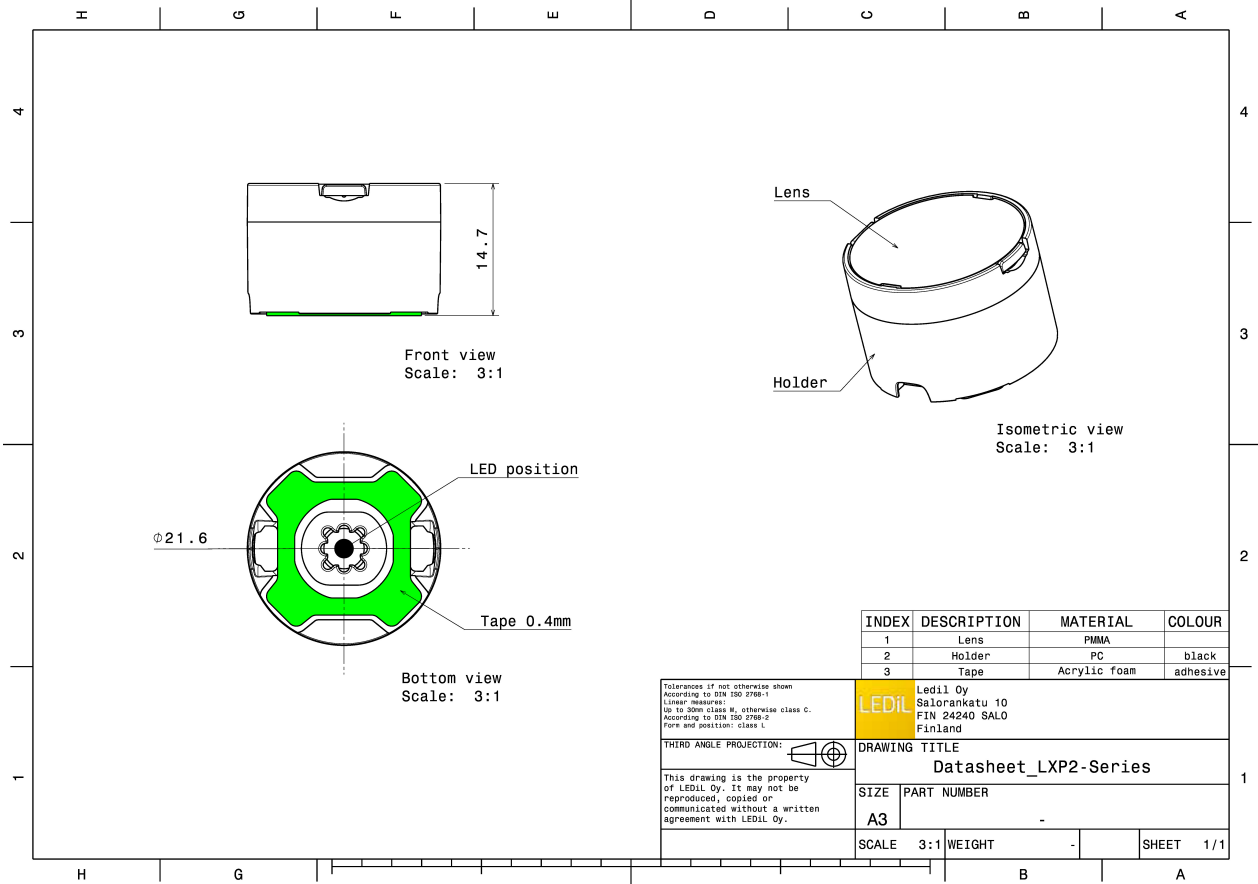


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LXP2-D	Single lens	PMMA	clear		21.6
LXP2-LH1-TAPE-BLK	Holder	PC	black		21.6
HEIDI-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA11482_LXP2-D » Box size: 480 x 280 x 300 mm	1680	336	112	9.4



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

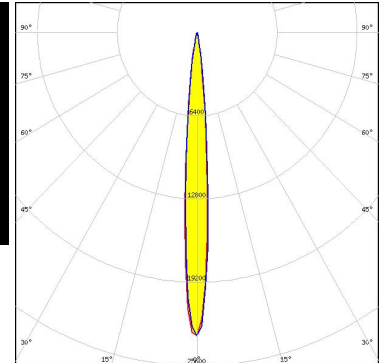
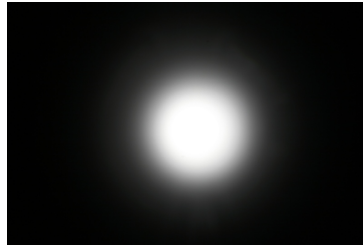
OPTICAL RESULTS (MEASURED):



LED XP-E
FWHM / FWTM 14.0° / 32.0°
Efficiency 92 %
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-E2
FWHM / FWTM 10.0° / 20.0°
Efficiency 89 %
Peak intensity 21.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

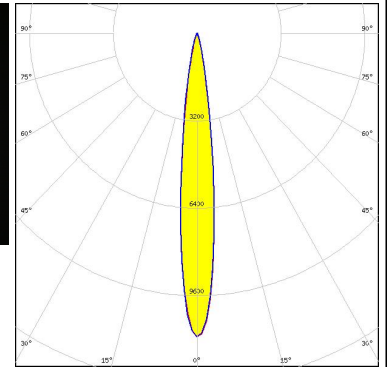


LED XP-G
FWHM / FWTM 16.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type White
Required components:

OPTICAL RESULTS (MEASURED):



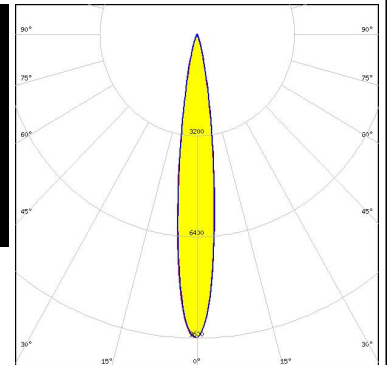
LED XP-G2
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



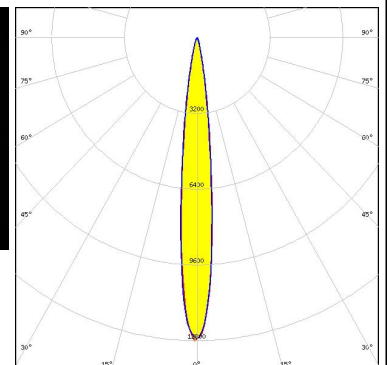
LED XP-G3
 FWHM / FWTM 14.0° / 29.0°
 Efficiency 88 %
 Peak intensity 9.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L HI
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 88 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

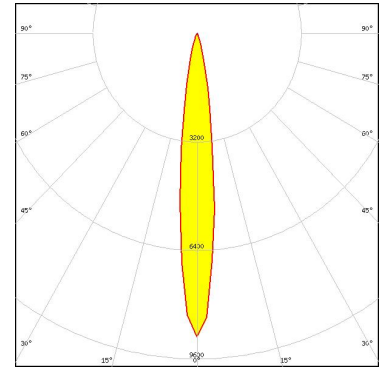


Light distribution files

OPTICAL RESULTS (MEASURED):



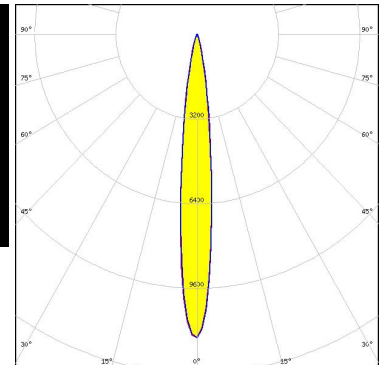
LED XT-E
 FWHM / FWTM 11.0° / 29.0°
 Efficiency 88 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



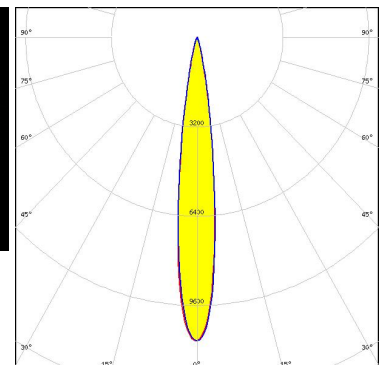
LED LUXEON Q
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 89 %
 Peak intensity 11.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

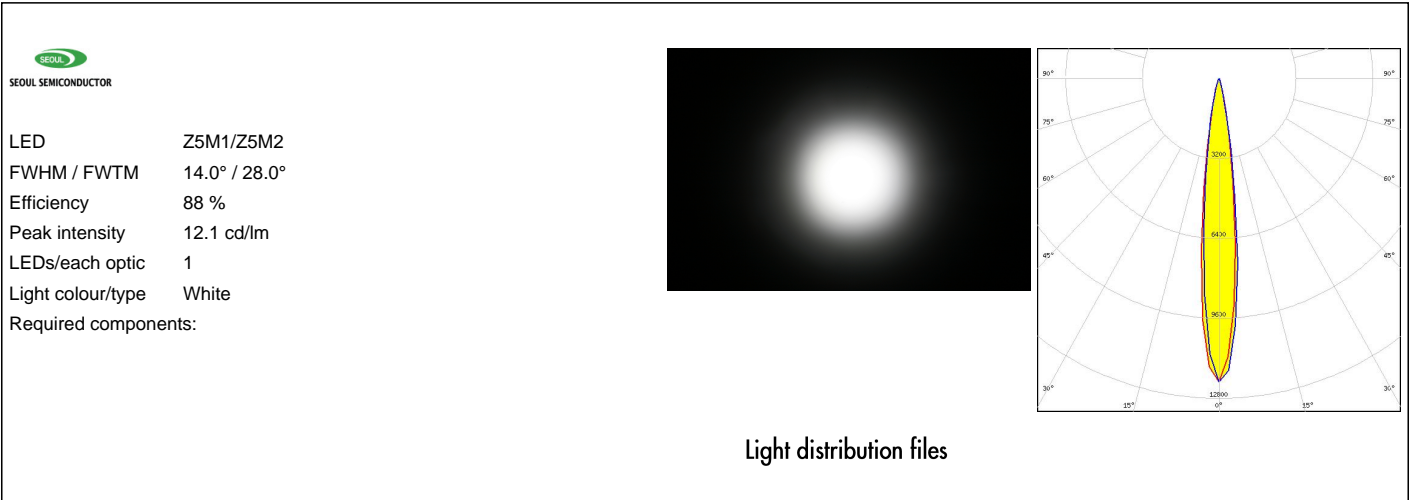


LED NVSW219D
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 91 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):



LED	XP-E
FWHM / FWTM	10.0° / 18.0°
Efficiency	91 %
Peak intensity	24.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

[Light distribution files](#)



LED	NF2x757G
FWHM / FWTM	12.0° / 28.0°
Efficiency	93 %
Peak intensity	12.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	


[Light distribution files](#)

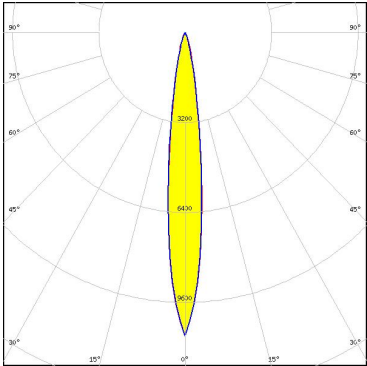


LED	OSLON SSL 150
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
Peak intensity	23.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z8Y22P
FWHM / FWTM	13.0° / 29.0°
Efficiency	91 %
Peak intensity	10.8 cd/m
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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