

LXP2-RS

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ã~ 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

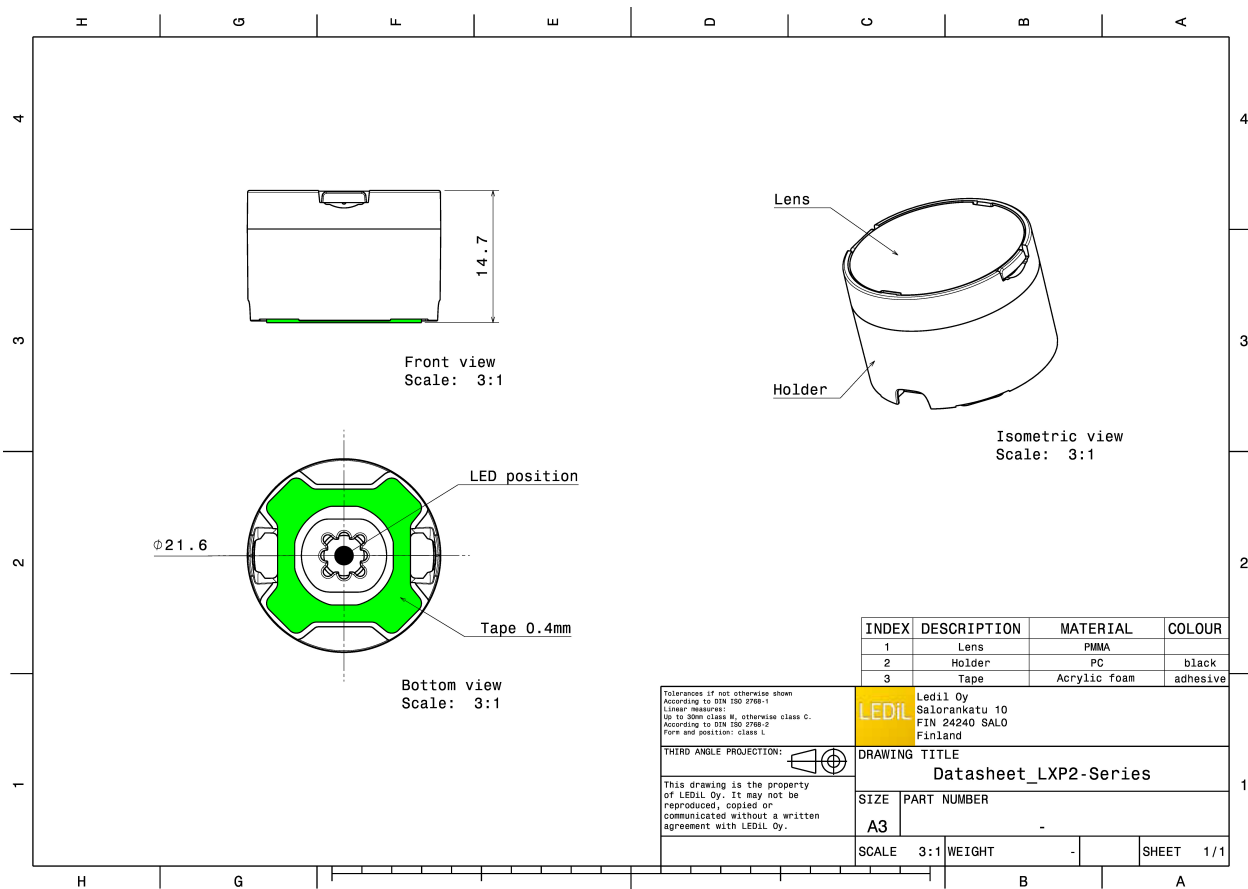


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LXP2-RS	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)
CA11481_LXP2-RS » Box size: 480 x 280 x 300 mm	1680	336	112	9.5

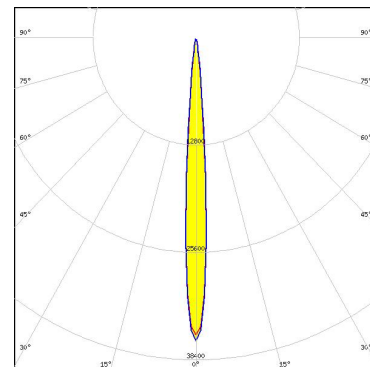


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



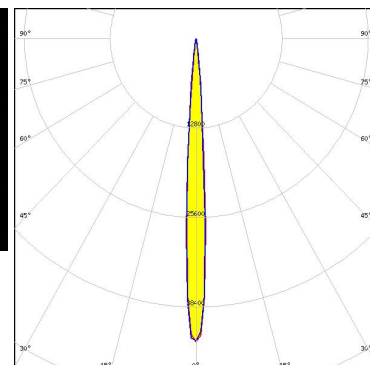
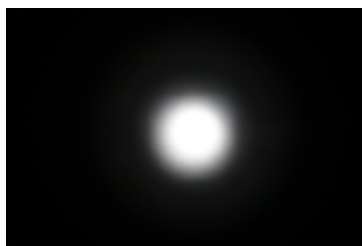
LED XP-E
FWHM / FWTM 7.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



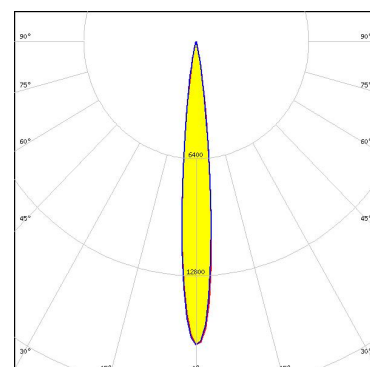
LED XP-E2
FWHM / FWTM 8.0° / 14.0°
Efficiency 90 %
Peak intensity 44 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G
FWHM / FWTM 10.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type White
Required components:

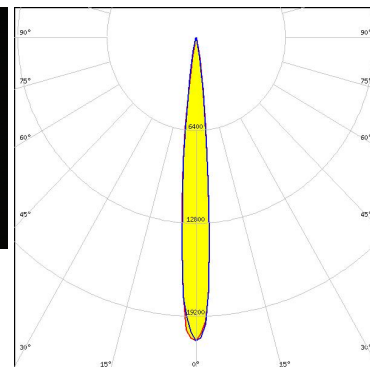


Light distribution files

OPTICAL RESULTS (MEASURED):



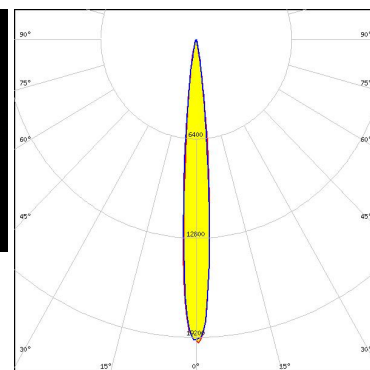
LED XP-G2
FWHM / FWTM 10.0° / 19.0°
Efficiency 94 %
Peak intensity 21 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



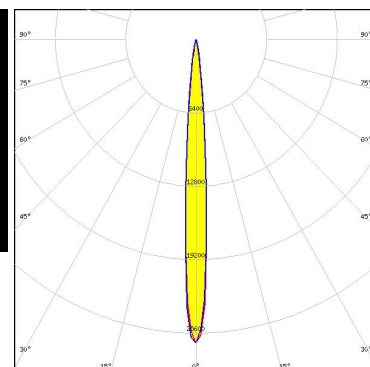
LED XP-L HI
FWHM / FWTM 10.0° / 20.0°
Efficiency 89 %
Peak intensity 20 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NCSxx19A
FWHM / FWTM 8.0° / 18.0°
Efficiency 86 %
Peak intensity 26.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

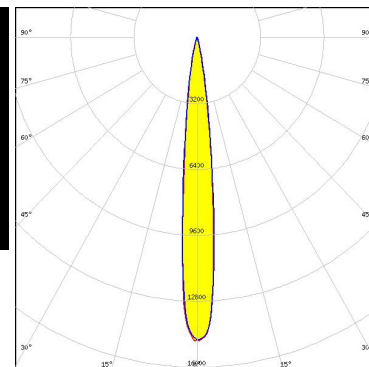
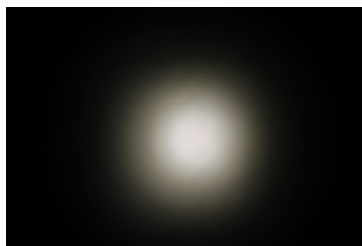


Light distribution files

OPTICAL RESULTS (MEASURED):



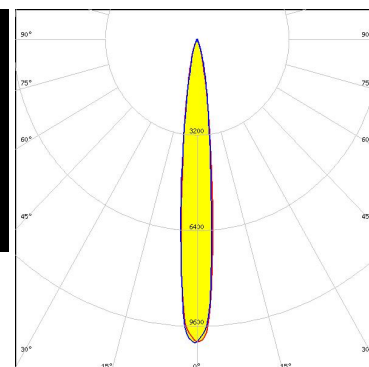
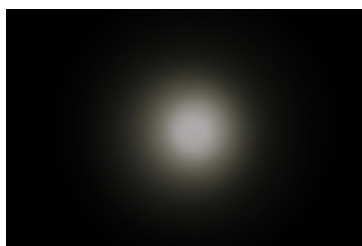
LED NVSW219D
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 92 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



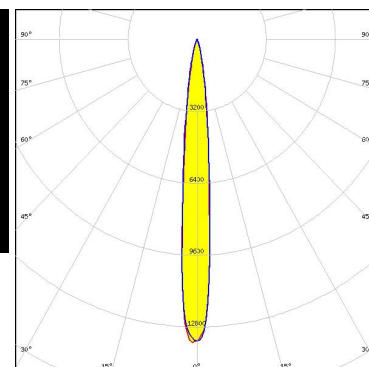
LED NVSW3x9A
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 83 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 89 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

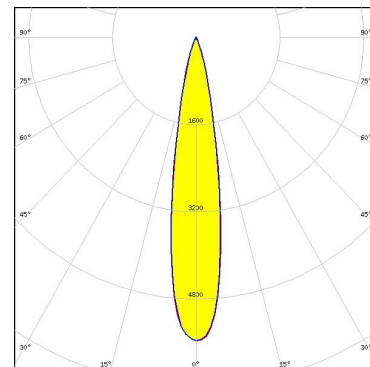


Light distribution files

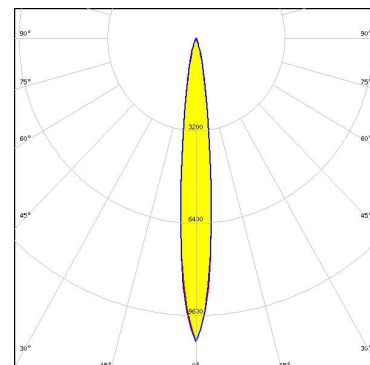
OPTICAL RESULTS (SIMULATED):



LED XHP35.2 HD
FWHM / FWTM 18.0° / 36.0°
Efficiency 74 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XHP35.2 HI
FWHM / FWTM 12.0° / 28.0°
Efficiency 81 %
Peak intensity 10.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-E
FWHM / FWTM 8.0° / 16.0°
Efficiency 91 %
Peak intensity 37.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

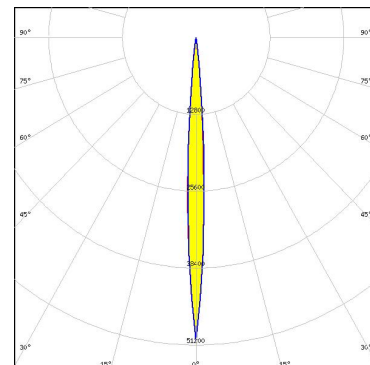
OPTICAL RESULTS (SIMULATED):



LED XP-G4
FWHM / FWTM 10.0° / 20.0°
Efficiency 93 %
Peak intensity 20.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



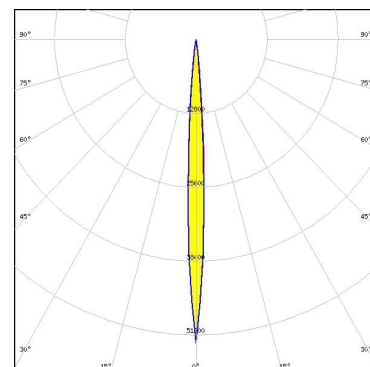
LED XP-P
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 50.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 52.6 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

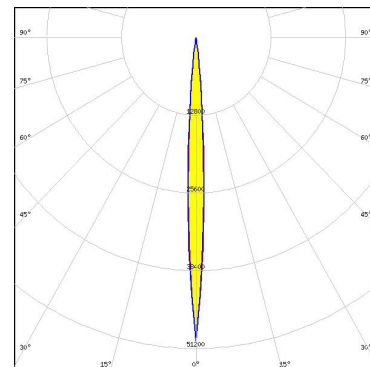


Light distribution files

OPTICAL RESULTS (SIMULATED):



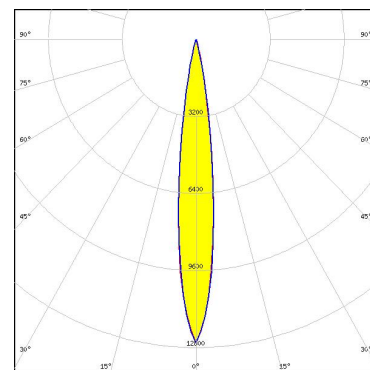
LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 50 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



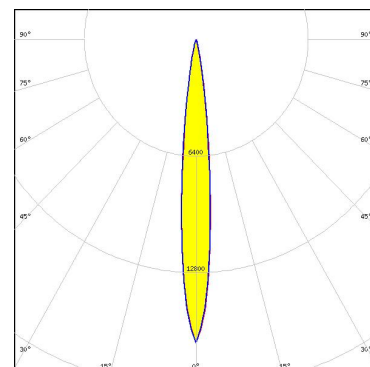
LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 88 %
Peak intensity 12.6 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON V2
FWHM / FWTM 12.0° / 22.0°
Efficiency 92 %
Peak intensity 16.7 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

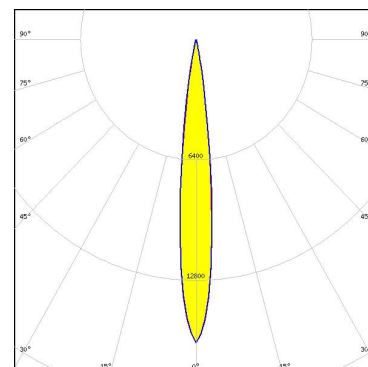
OPTICAL RESULTS (SIMULATED):



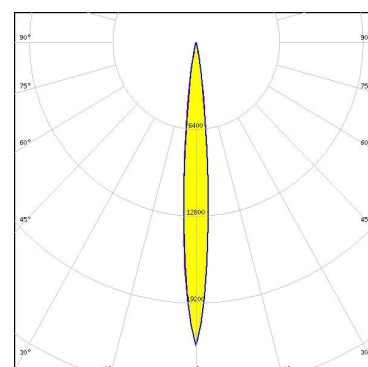
LED NF2x757G
 FWHM / FWTM 10.0° / 24.0°
 Efficiency 93 %
 Peak intensity 16.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED NVSW219F
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 87 %
 Peak intensity 16.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 92 %
 Peak intensity 22.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	8.0° / 16.0°
Efficiency	93 %
Peak intensity	37.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

SAMSUNG

LED	LH351C
FWHM / FWTM	12.0° / 22.0°
Efficiency	85 %
Peak intensity	14.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

SAMSUNG

LED	LM301B
FWHM / FWTM	9.0° / 21.0°
Efficiency	94 %
Peak intensity	21.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

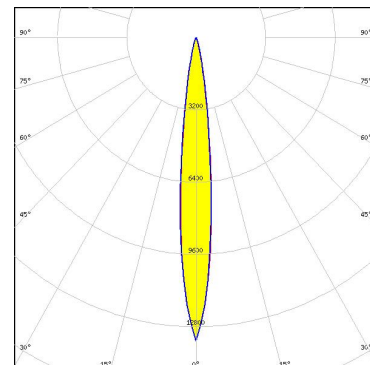
OPTICAL RESULTS (SIMULATED):



LED Z5
FWHM / FWTM 10.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:



LED Z8Y22P
FWHM / FWTM 12.0° / 26.0°
Efficiency 92 %
Peak intensity 13.4 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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