



**THE DATASHEET OF
CA11483_LXP2-M**



LXP2-M

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

SPECIFICATION:

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

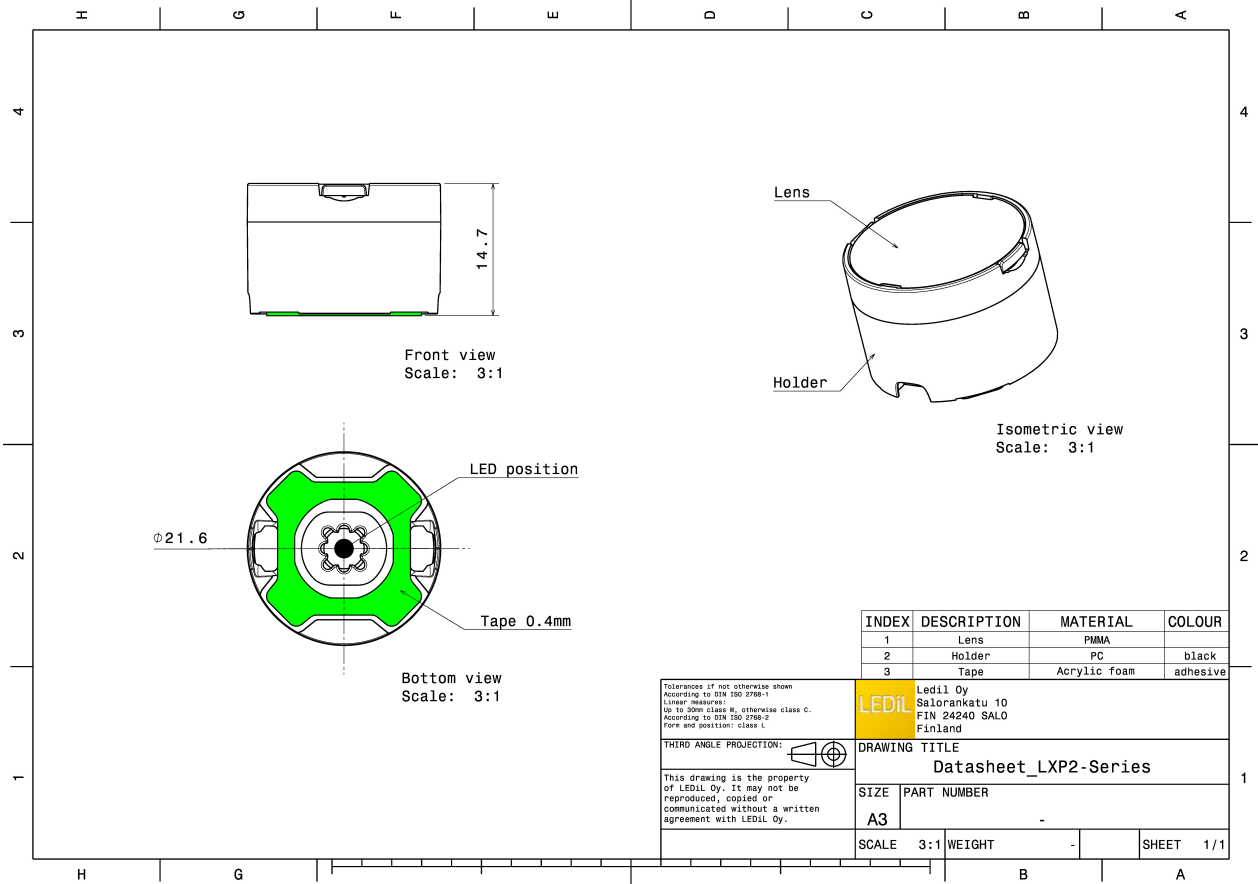


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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	1680	336	112	9.0



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

OPTICAL RESULTS (MEASURED):



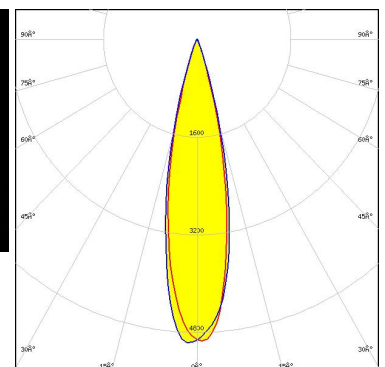
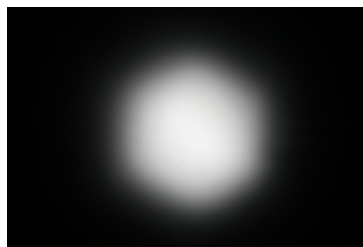
LED XP-E
FWHM / FWTM 23.0° / 38.0°
Efficiency 94 %
Peak intensity 4.6 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



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



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



Light distribution files

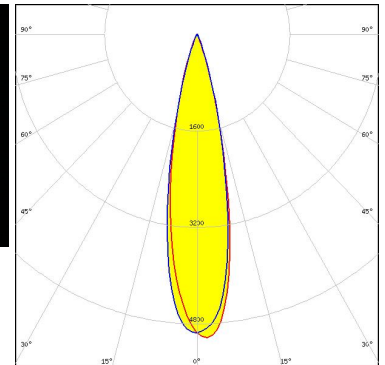
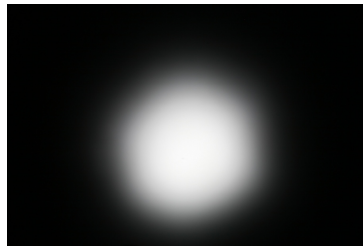
OPTICAL RESULTS (MEASURED):



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



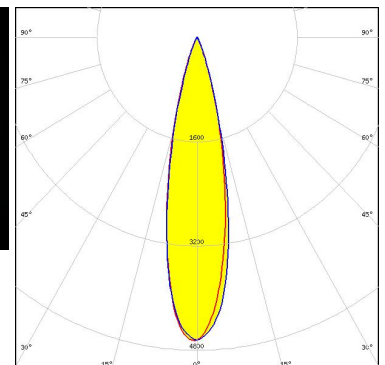
LED XP-G2
 FWHM / FWTM 23.0° / 40.0°
 Efficiency 90 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

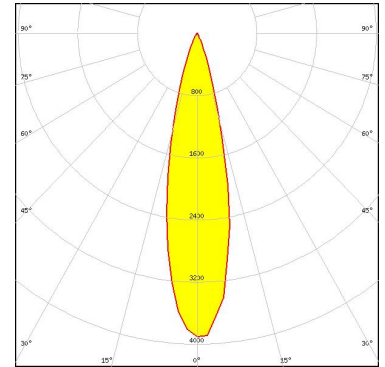


Light distribution files

OPTICAL RESULTS (MEASURED):



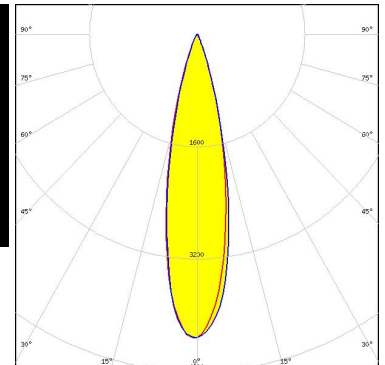
LED XT-E
FWHM / FWTM 24.0° / 42.0°
Efficiency 88 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



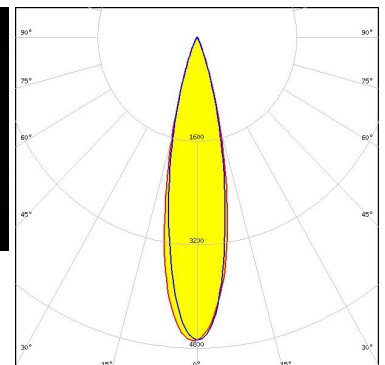
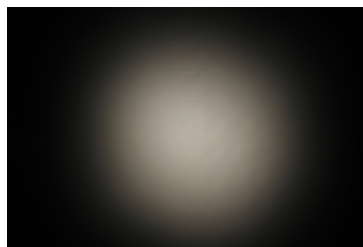
LED LUXEON Q
FWHM / FWTM 24.0° / 42.0°
Efficiency 87 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

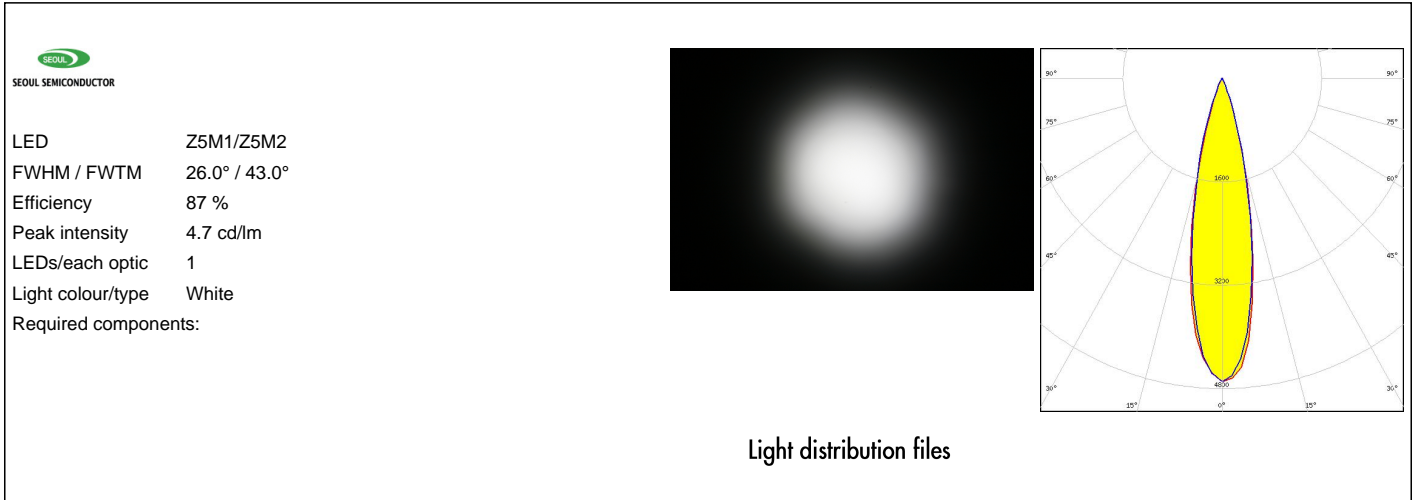


LED NVSW219D
FWHM / FWTM 24.0° / 42.0°
Efficiency 89 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

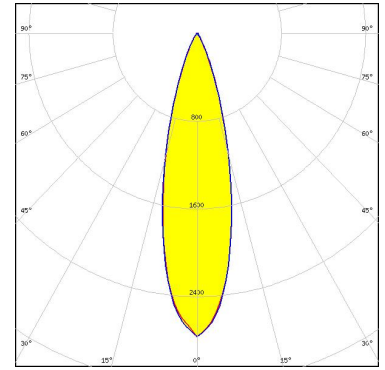
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):



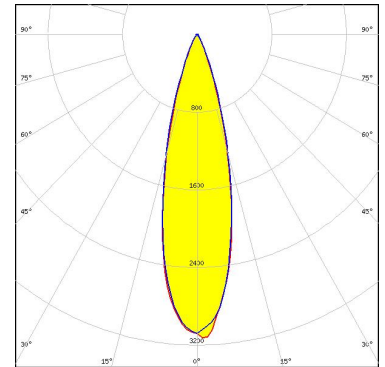
LED XHP35.2 HD
FWHM / FWTM 26.0° / 50.0°
Efficiency 73 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



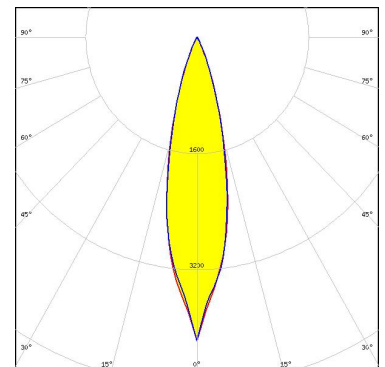
LED XHP35.2 HI
FWHM / FWTM 26.0° / 48.0°
Efficiency 79 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

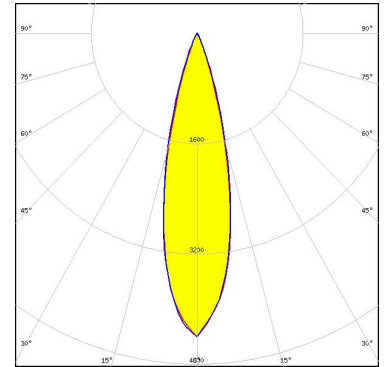


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

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



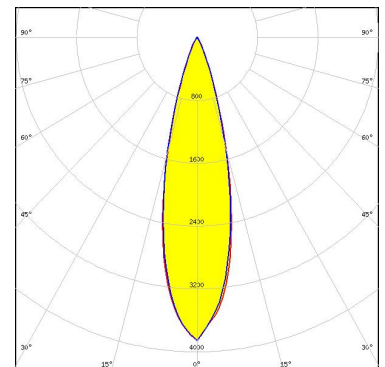
Light distribution files



LED Z5
FWHM / FWTM 25.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:



LED Z8Y22P
FWHM / FWTM 26.0° / 46.0°
Efficiency 89 %
Peak intensity 3.9 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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