

LXP2-RS

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

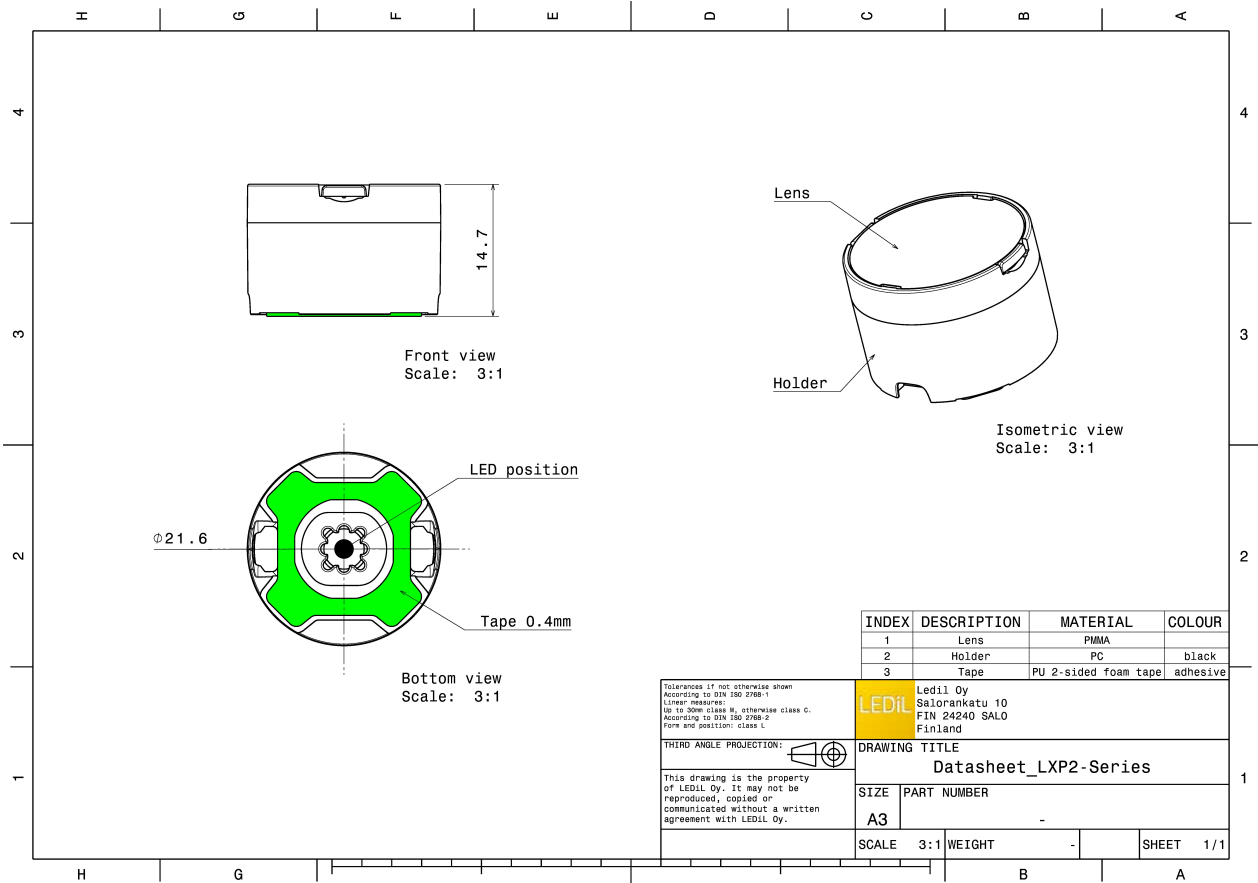
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9.5 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

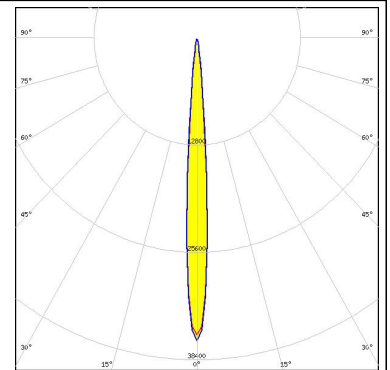
Component	Type	Material	Colour
LXP2-RS	Single lens	PMMA	clear
LXP2-LH1-TAPE-BLK	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

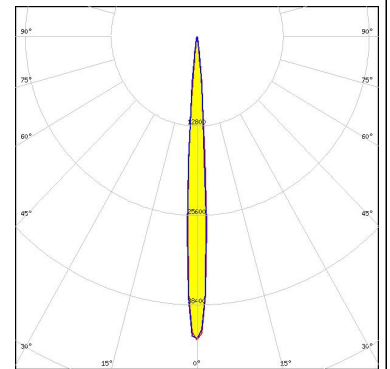
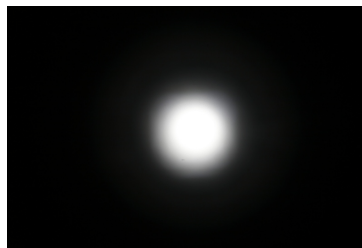
CREE

LED XP-E
 FWHM 7.0°
 Efficiency 94 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



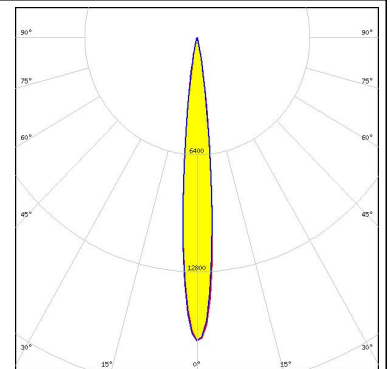
CREE

LED XP-E2
 FWHM 8.0°
 Efficiency 90 %
 Peak intensity 44.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



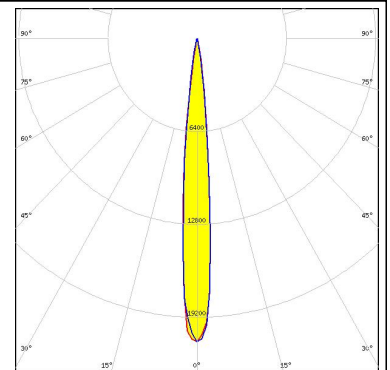
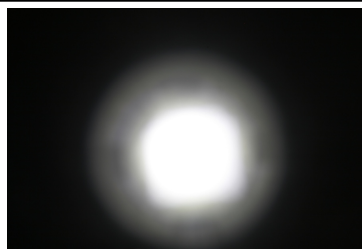
CREE

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



CREE

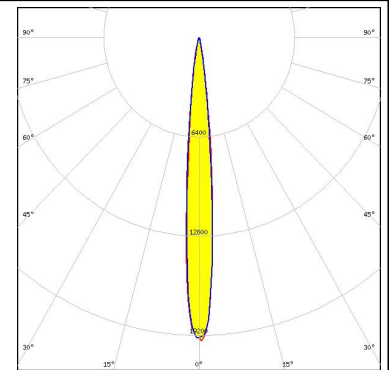
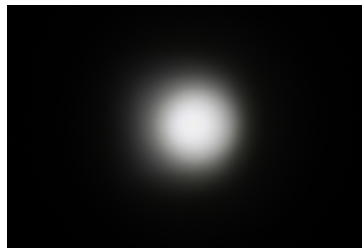
LED XP-G2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 21.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



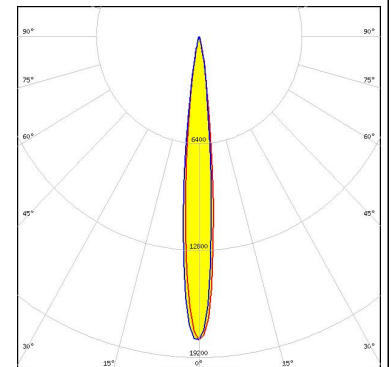
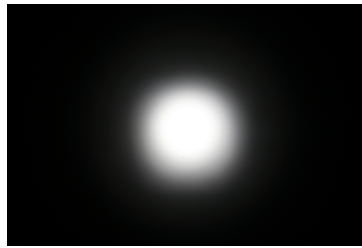
PHOTOMETRIC DATA (MEASURED):



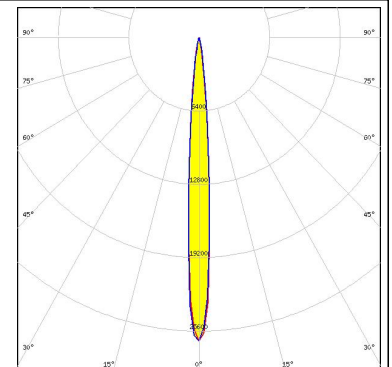
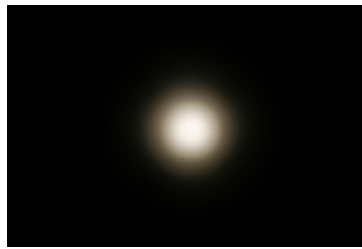
LED XP-L HI
 FWHM 10.0°
 Efficiency 89 %
 Peak intensity 20.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



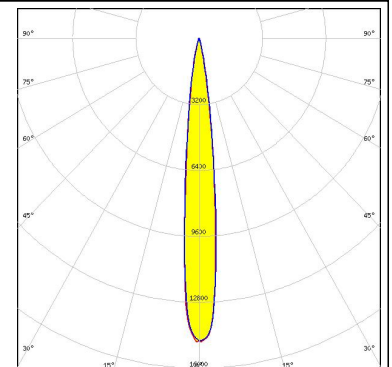
LED H35C1 (LEMWA33)
 FWHM 11.0°
 Efficiency 88 %
 Peak intensity 18.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxx19A
 FWHM 8.0°
 Efficiency 86 %
 Peak intensity 26.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



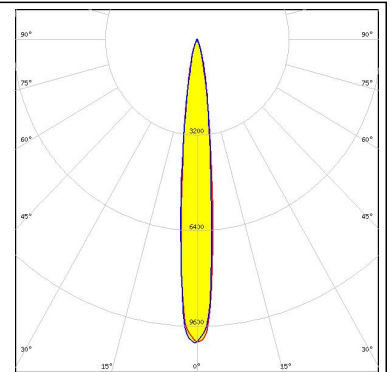
LED NVSW219D
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 14.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



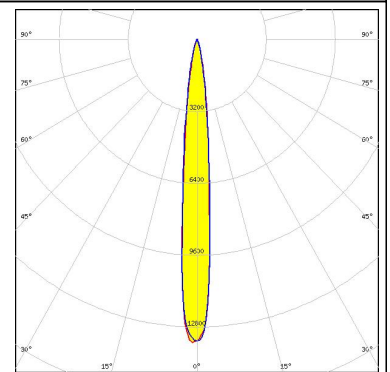
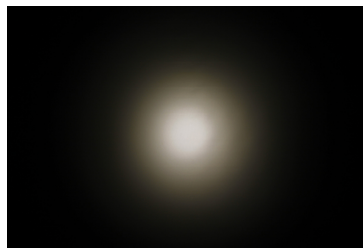
PHOTOMETRIC DATA (MEASURED):



LED NVSW3x9A
FWHM 12.0°
Efficiency 83 %
Peak intensity 10.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



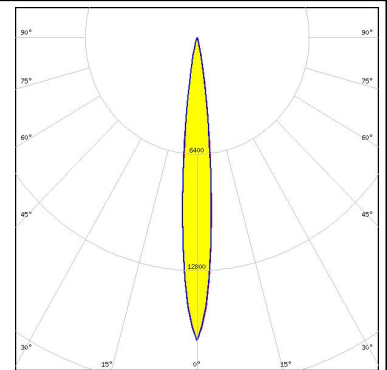
LED NVSxx19B/NVSxx19C
FWHM 11.0°
Efficiency 89 %
Peak intensity 13.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON V2
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 16.650 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



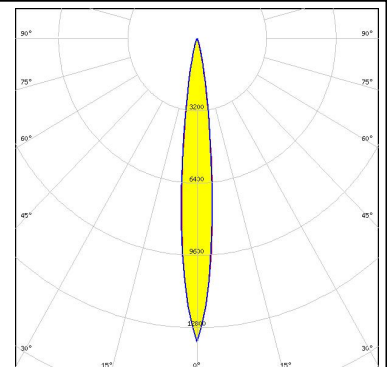
LED LM301B
 FWHM 9.0°
 Efficiency 94 %
 Peak intensity 21.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z5
 FWHM 10.0°
 Efficiency %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z8Y22P
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 13.430 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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