

LXP2-RS

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

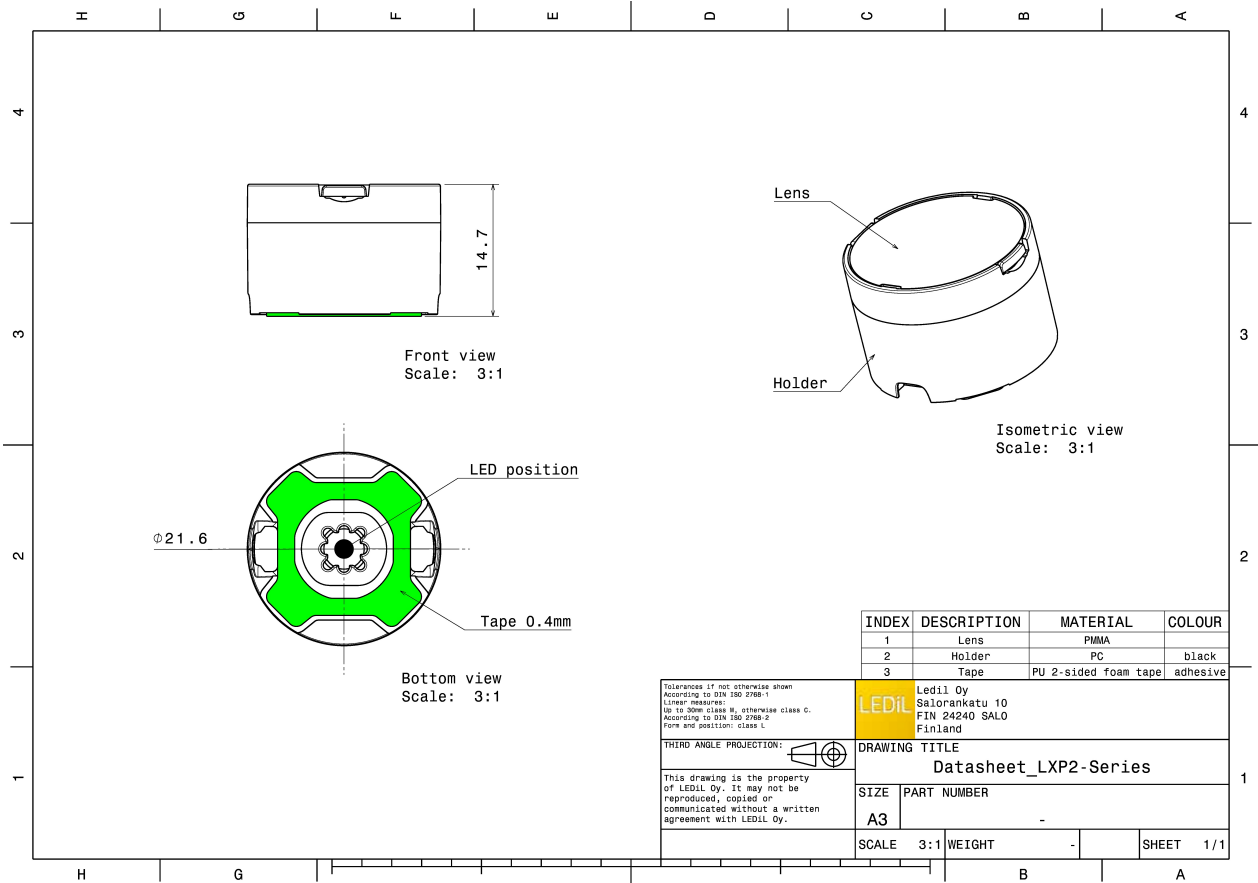
TECHNICAL SPECIFICATIONS:

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:

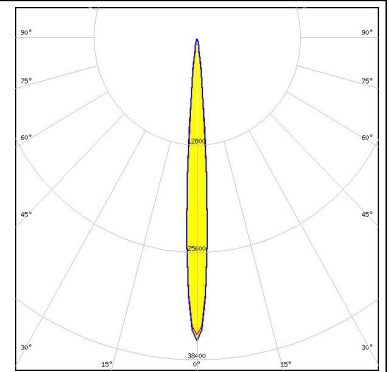
Component	Type	Material	Colour
LXP2-RS	Lens	PMMA	clear
LXP2-LH1-TAPE-BLK	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

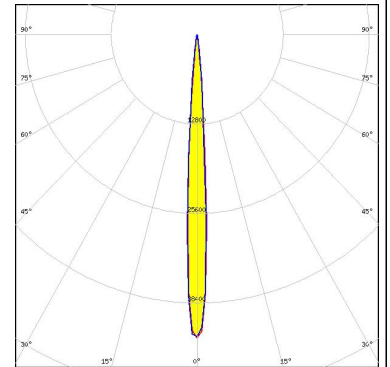
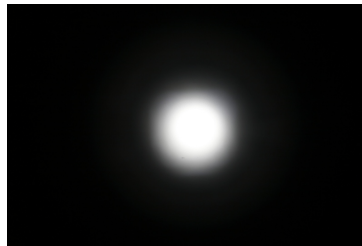
CREE 

LED XP-E
FWHM 7.0°
Efficiency 94 %
Peak intensity cd/lm
Required components:



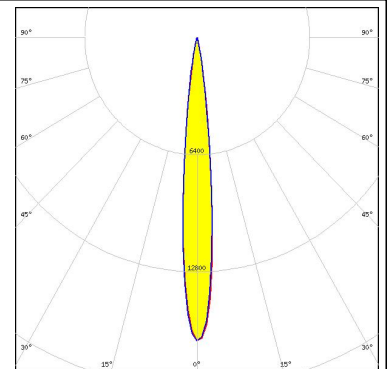
CREE 

LED XP-E2
FWHM 8.0°
Efficiency 90 %
Peak intensity 44.000 cd/lm
Required components:



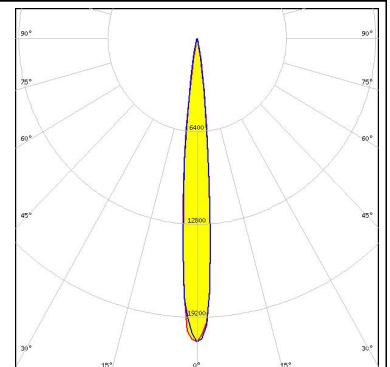
CREE 

LED XP-G
FWHM 10.0°
Efficiency 94 %
Peak intensity cd/lm
Required components:



CREE 

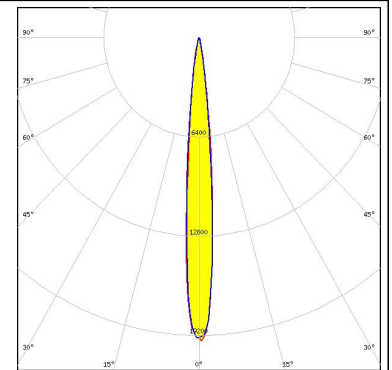
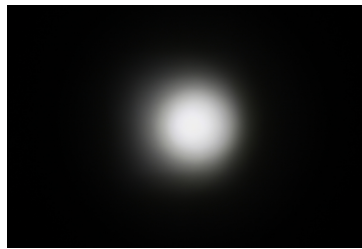
LED XP-G2
FWHM 10.0°
Efficiency 94 %
Peak intensity 21.000 cd/lm
Required components:



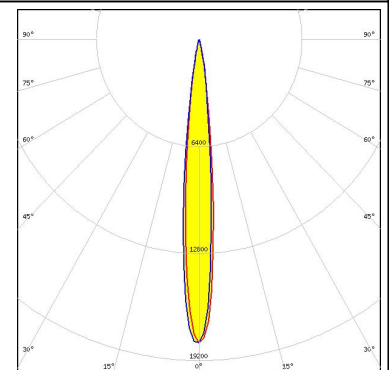
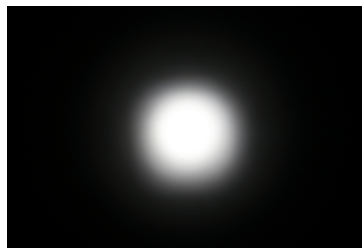
PHOTOMETRIC DATA (MEASURED):



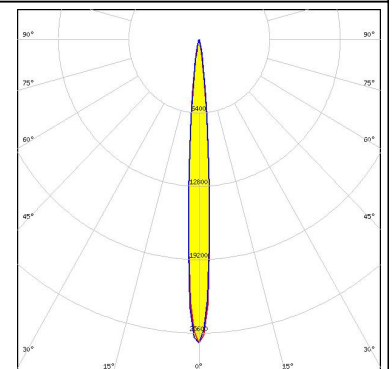
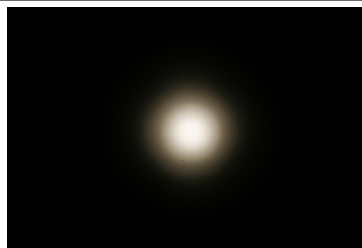
LED XP-L HI
FWHM 10.0°
Efficiency 89 %
Peak intensity 20.000 cd/lm
Required components:



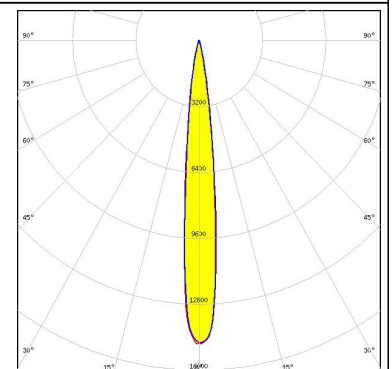
LED H35C1 (LEMWA33)
FWHM 11.0°
Efficiency 88 %
Peak intensity 18.200 cd/lm
Required components:



LED NCSxx19A
FWHM 8.0°
Efficiency 86 %
Peak intensity 26.400 cd/lm
Required components:



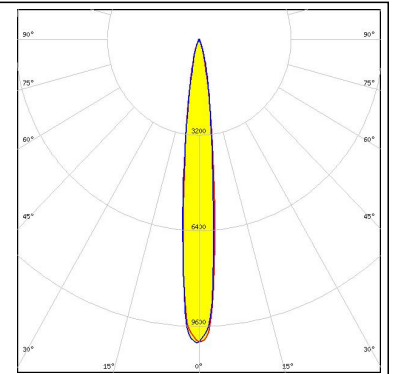
LED NVSW219D
FWHM 12.0°
Efficiency 92 %
Peak intensity 14.700 cd/lm
Required components:





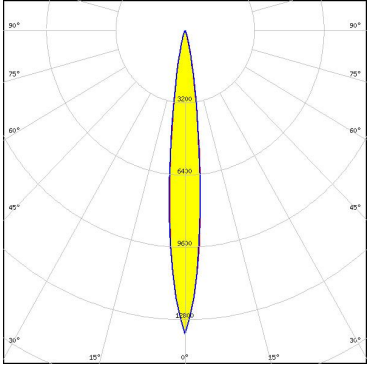
PHOTOMETRIC DATA (MEASURED):



LED NVSW3x9A
FWHM 12.0°
Efficiency 83 %
Peak intensity 10.200 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	10.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	
 SEOUL SEMICONDUCTOR	
LED	Z8Y22P
FWHM	12.0°
Efficiency	92 %
Peak intensity	13.430 cd/lm
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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