

LXP2-D

~14° diffused 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
ROHS compliant	yes ⓘ

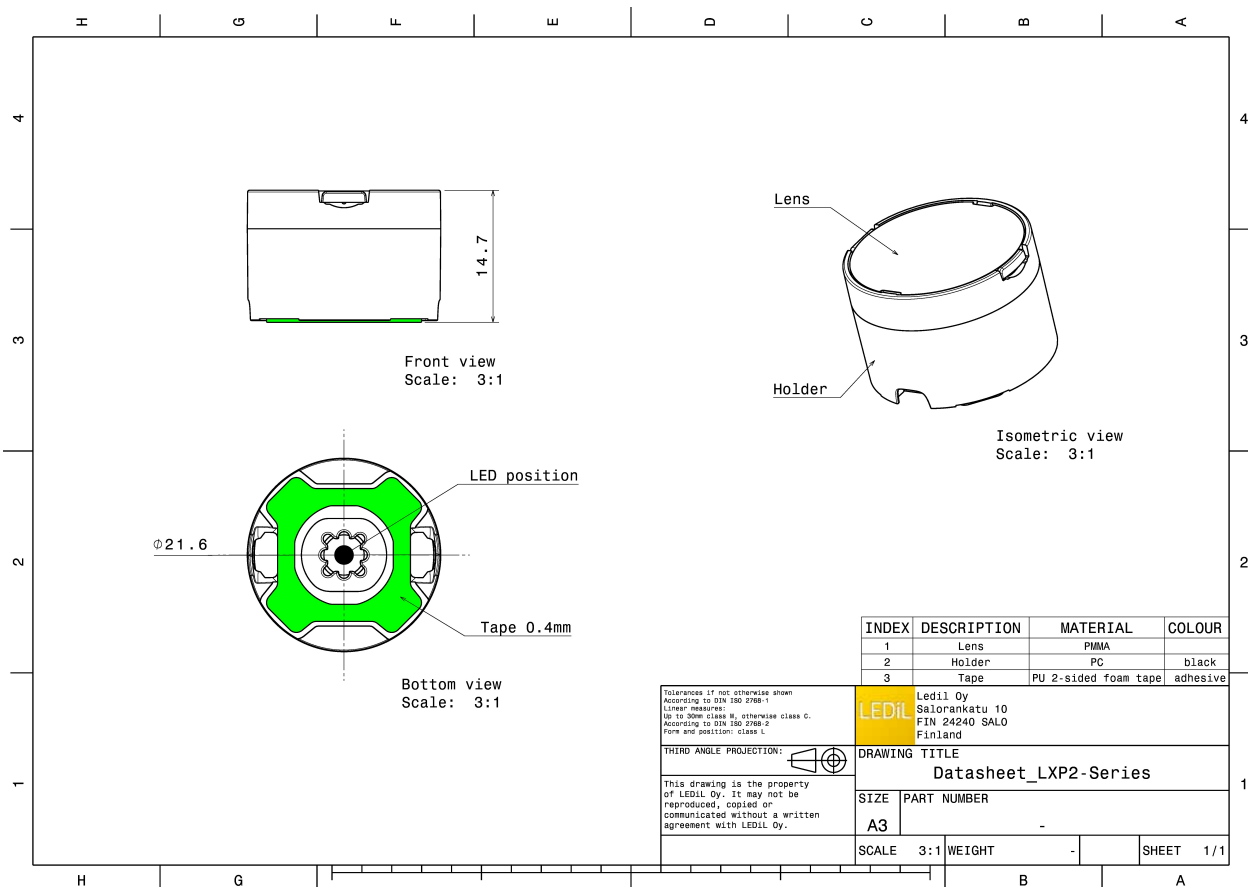


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

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



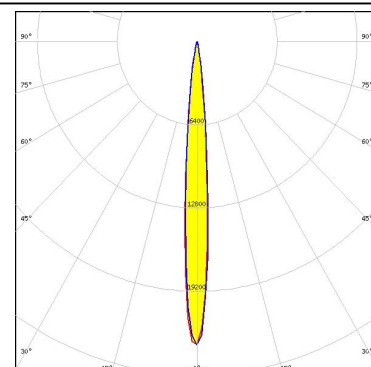
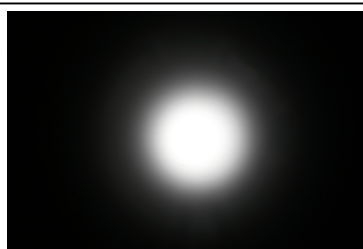
PHOTOMETRIC DATA (MEASURED):

CREE

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

CREE

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

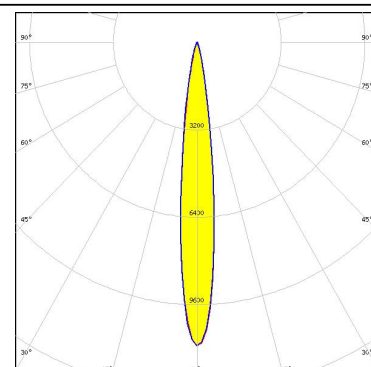


CREE

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

CREE

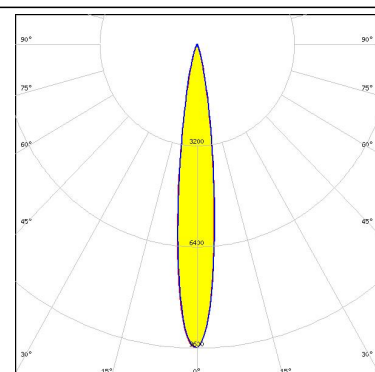
LED XP-G2
FWHM 13.0°
Efficiency 90 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:



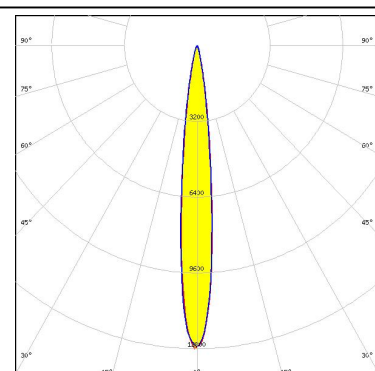
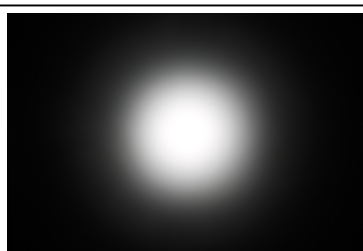
PHOTOMETRIC DATA (MEASURED):



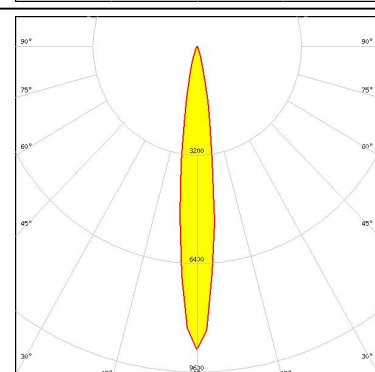
LED XP-G3
FWHM 14.0°
Efficiency 88 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



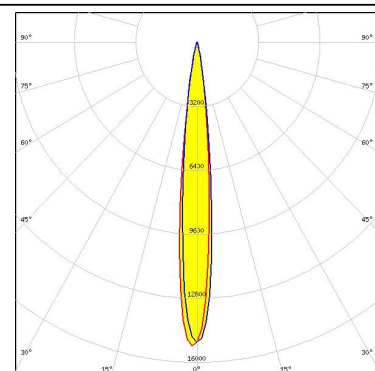
LED XP-L HI
FWHM 12.0°
Efficiency 88 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



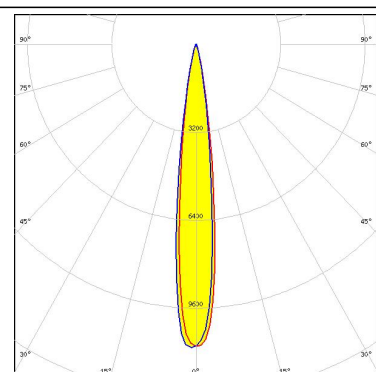
LED H35B0 (LEMWA32)
FWHM 11.0°
Efficiency 92 %
Peak intensity 15.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

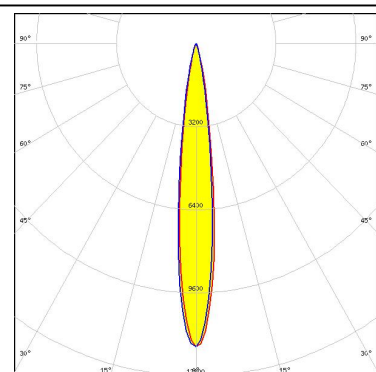
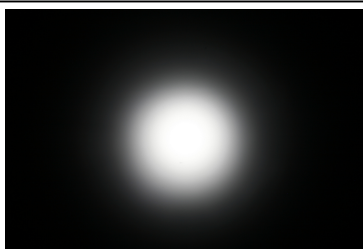
LG Innotek

LED H35C0 (LEMWA33)
FWHM 13.0°
Efficiency 91 %
Peak intensity 10.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



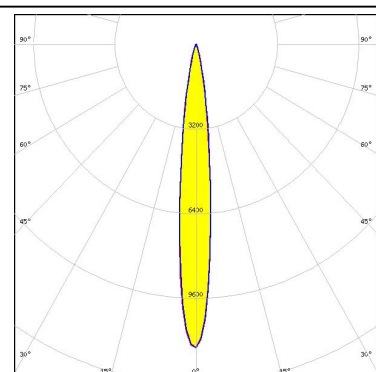
LG Innotek

LED H35C1 (LEMWA33)
FWHM 14.0°
Efficiency 88 %
Peak intensity 11.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



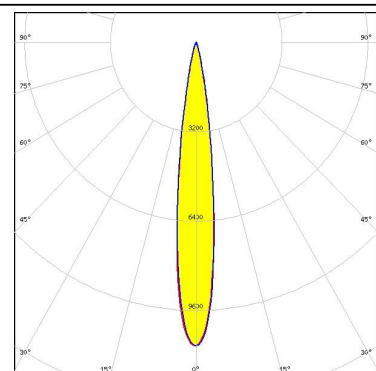
LUMILEDS

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



NICHIA

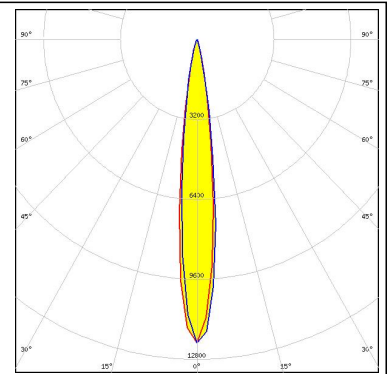
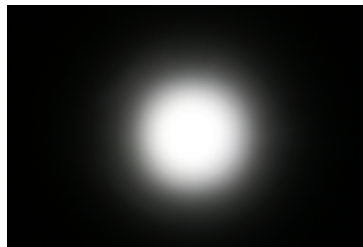
LED NVSW219D
FWHM 14.0°
Efficiency 91 %
Peak intensity 10.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



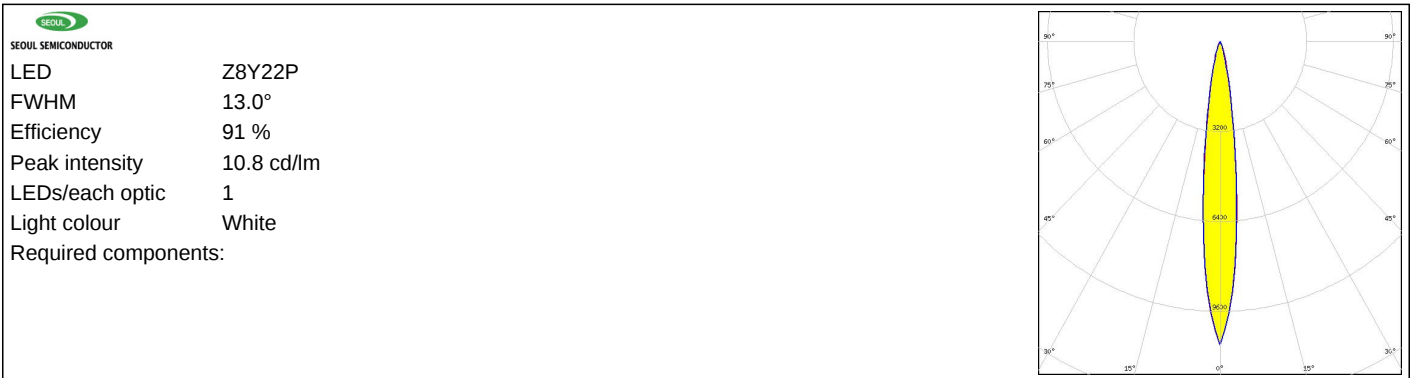
PHOTOMETRIC DATA (MEASURED):



LED Z5M1/Z5M2
FWHM 14.0°
Efficiency 88 %
Peak intensity 12.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



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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