

LXP2-O-90

~10° x 40° oval beam optimized for CREE XP-E.
14.7 mm high assembly with installation tape.
Variant with beam direction rotated 90°.

TECHNICAL SPECIFICATIONS:

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

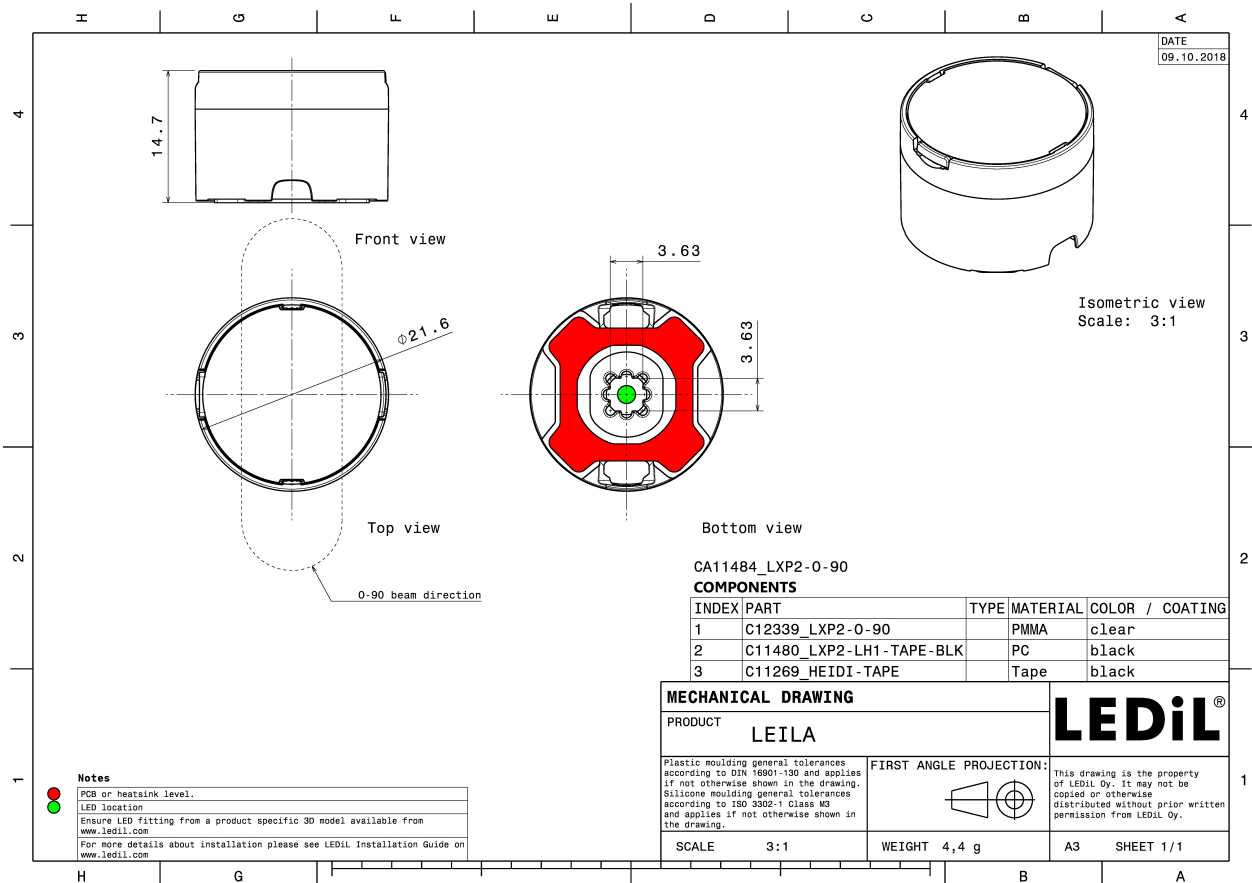
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-O-90	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)
CA11484_LXP2-O-90	Single lens	1680	336	112	9.2
» Box size: 480 x 280 x 300 mm					

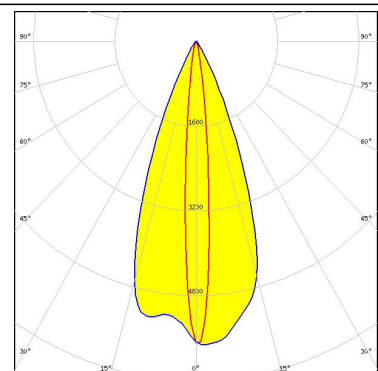




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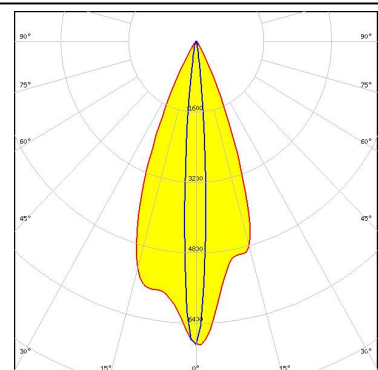
CREE

LED XP-E
FWHM 9.0 + 41.0°
Efficiency 89 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



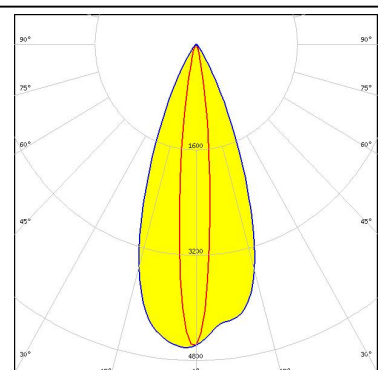
CREE

LED XP-E2
FWHM 10.0 + 42.0°
Efficiency 86 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



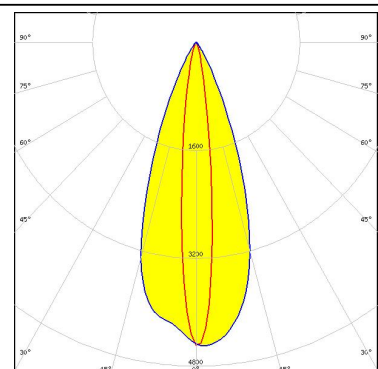
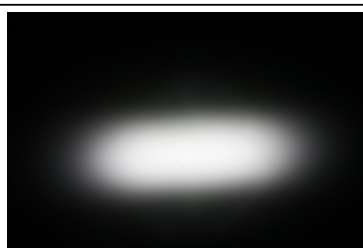
CREE

LED XP-G
FWHM 12.0 + 40.0°
Efficiency 89 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

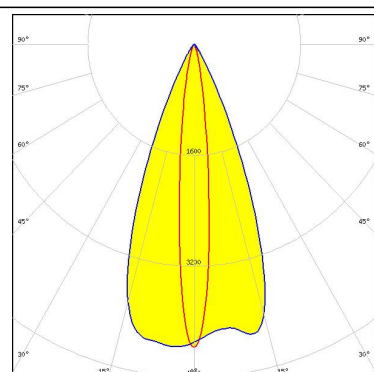
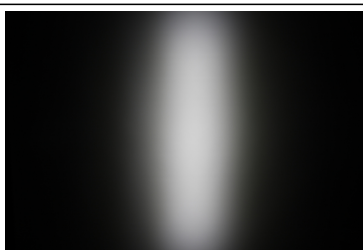
LED XP-G2
FWHM 12.0 + 40.0°
Efficiency 87 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



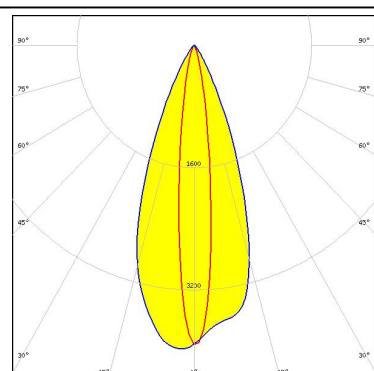
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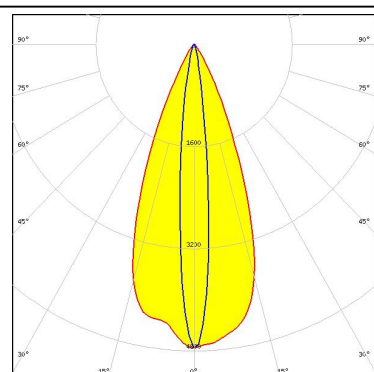
LED XP-L HI
FWHM 12.0 + 43.0°
Efficiency 86 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



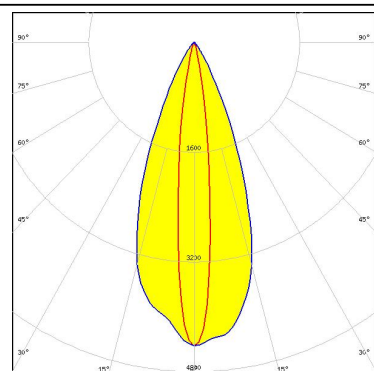
LED XT-E
FWHM 13.0 + 41.0°
Efficiency 84 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED H35B0 (LEMWA32)
FWHM 11.0 + 41.0°
Efficiency 87 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



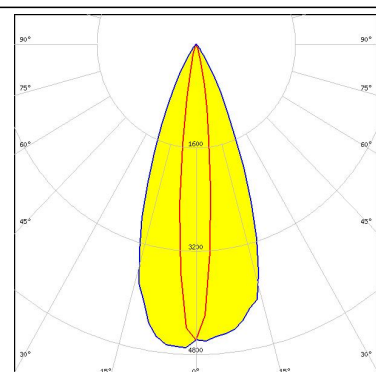
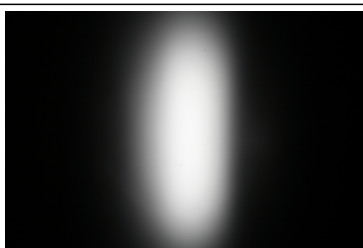
LED H35C0 (LEMWA33)
FWHM 12.0 + 40.0°
Efficiency 87 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



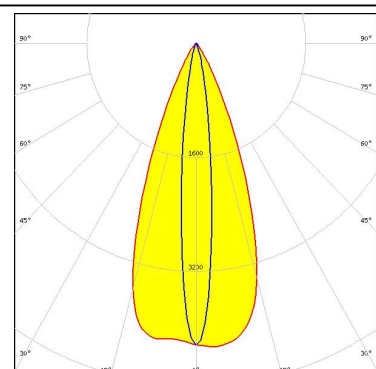
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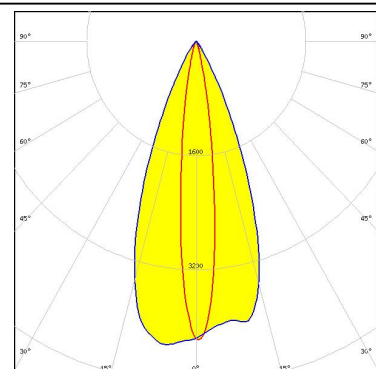
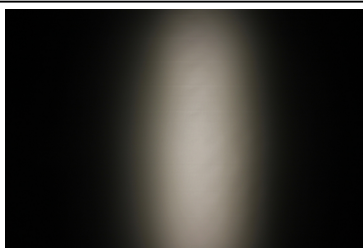
LED H35C1 (LEMWA33)
 FWHM 13.0 + 41.0°
 Efficiency 86 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Q
 FWHM 12.0 + 41.0°
 Efficiency 85 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

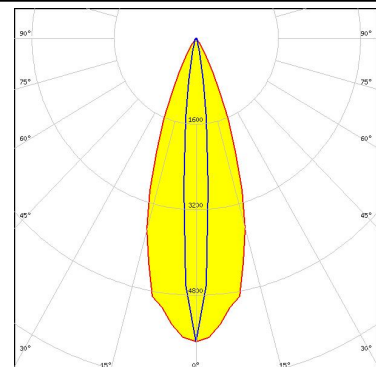


LED NVSW219D
 FWHM 13.0 + 42.0°
 Efficiency 89 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5
 FWHM 10.0 + 36.0°
 Efficiency 89 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



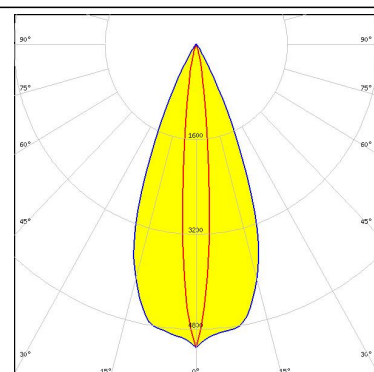
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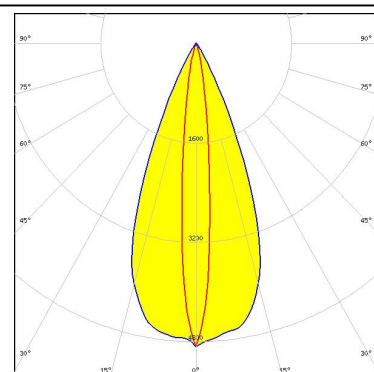
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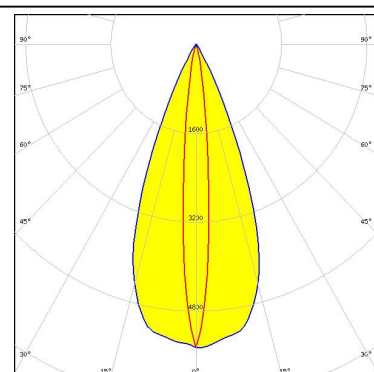
LED NCSxx19B
FWHM 10.0 + 42.0°
Efficiency 90 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



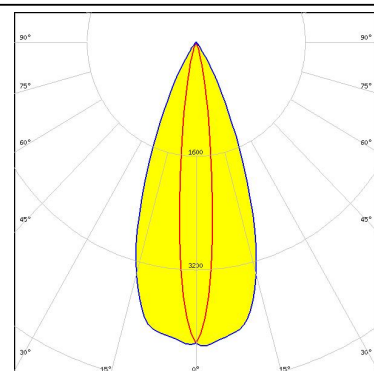
LED NCSxx19B
FWHM 11.0 + 44.0°
Efficiency 90 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour Green
Required components:



LED NCSxx19B
FWHM 10.0 + 42.0°
Efficiency 90 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



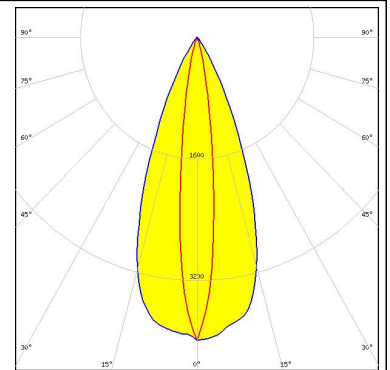
LED NVSxx19B/NVSxx19C
FWHM 12.0 + 42.0°
Efficiency 88 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

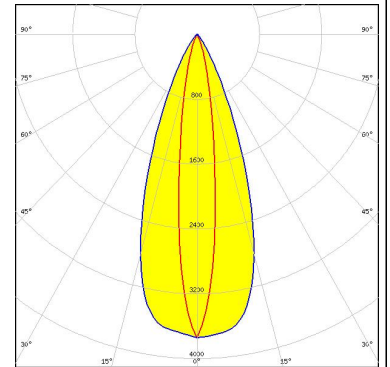
SAMSUNG

LED LH351C
FWHM 14.0 + 42.0°
Efficiency 83 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEAGULL SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 40.0 + 14.0°
Efficiency 87 %
Peak intensity 3.8 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

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