

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°.

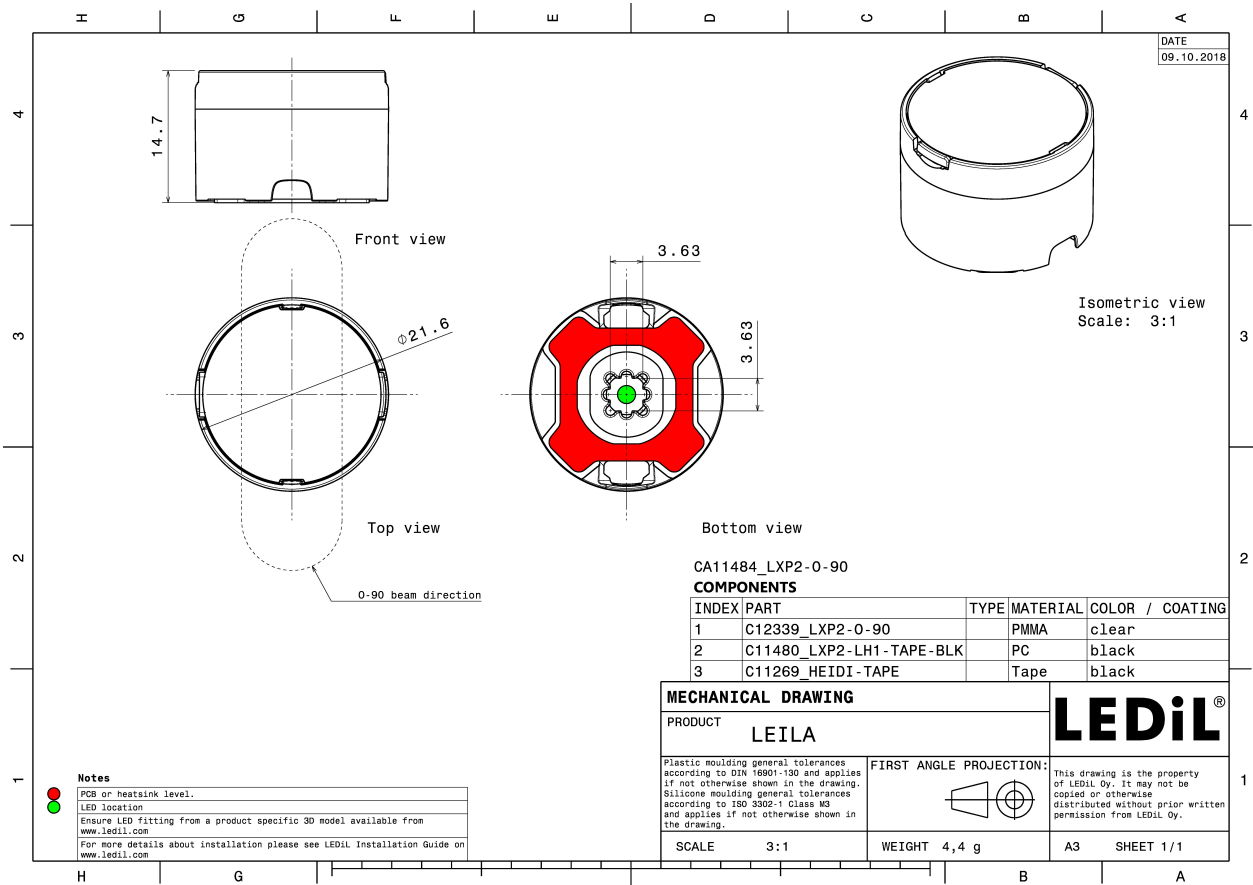
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9.2 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

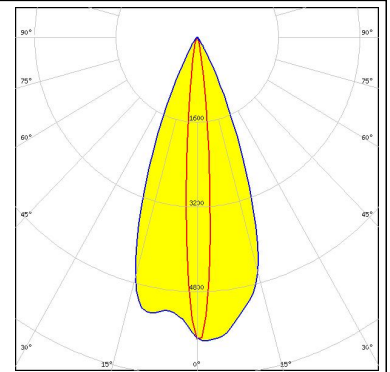
Component	Type	Material	Colour
LXP2-O-90	Single lens	PMMA	clear
LXP2-LH1-TAPE-BLK	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

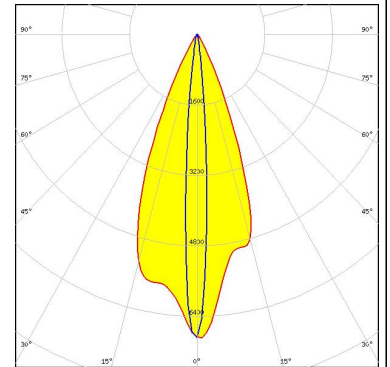
CREE

LED XP-E
 FWHM 9.0 + 41.0°
 Efficiency 89 %
 Peak intensity 5.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



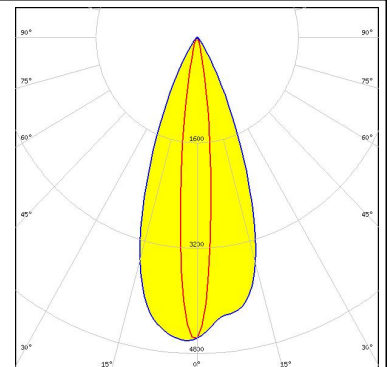
CREE

LED XP-E2
 FWHM 10.0 + 42.0°
 Efficiency 86 %
 Peak intensity 6.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



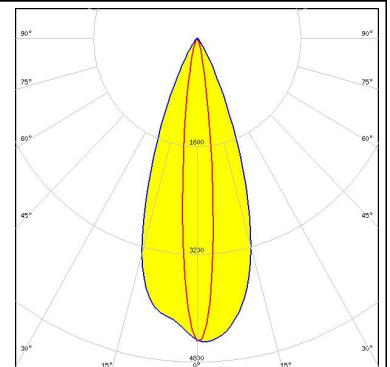
CREE

LED XP-G
 FWHM 12.0 + 40.0°
 Efficiency 89 %
 Peak intensity 4.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

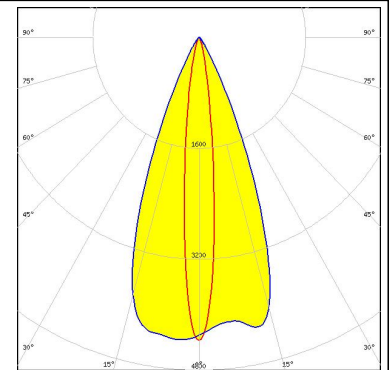
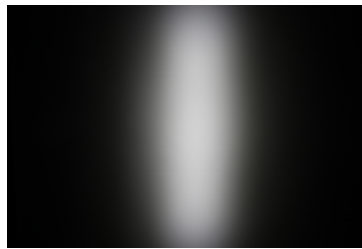
LED XP-G2
 FWHM 12.0 + 40.0°
 Efficiency 87 %
 Peak intensity 4.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



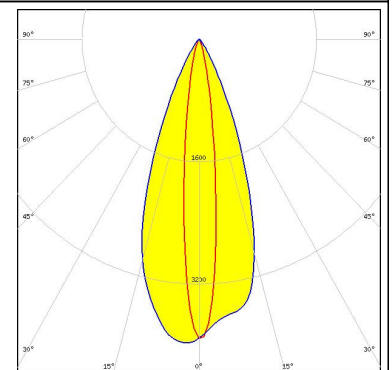
PHOTOMETRIC DATA (MEASURED):



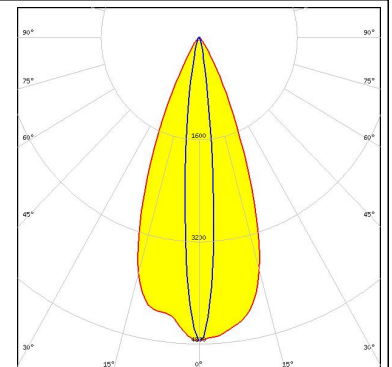
LED XP-L HI
 FWHM 12.0 + 43.0°
 Efficiency 86 %
 Peak intensity 4.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



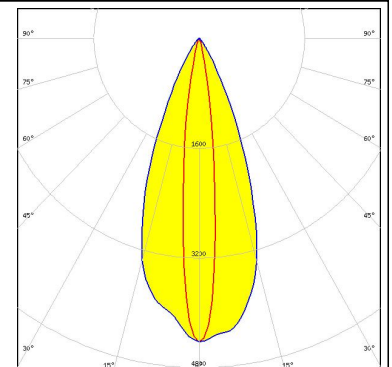
LED XT-E
 FWHM 13.0 + 41.0°
 Efficiency 84 %
 Peak intensity 4.050 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



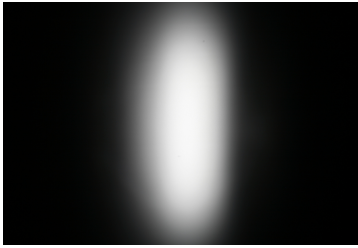
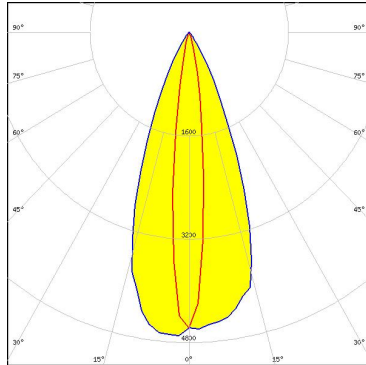

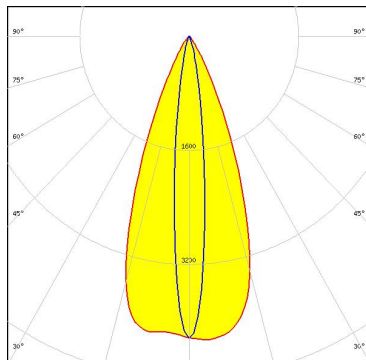

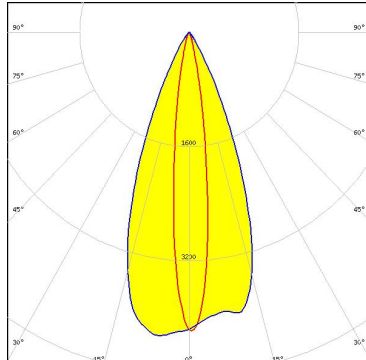

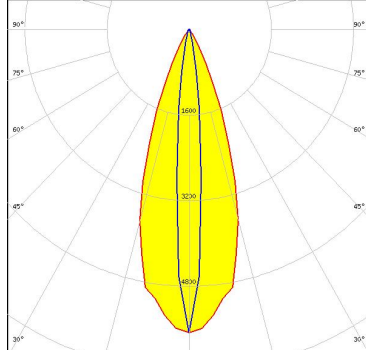
LED H35B0 (LEMWA32)
 FWHM 11.0 + 41.0°
 Efficiency 87 %
 Peak intensity 4.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED H35C0 (LEMWA33)
 FWHM 12.0 + 40.0°
 Efficiency 87 %
 Peak intensity 4.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



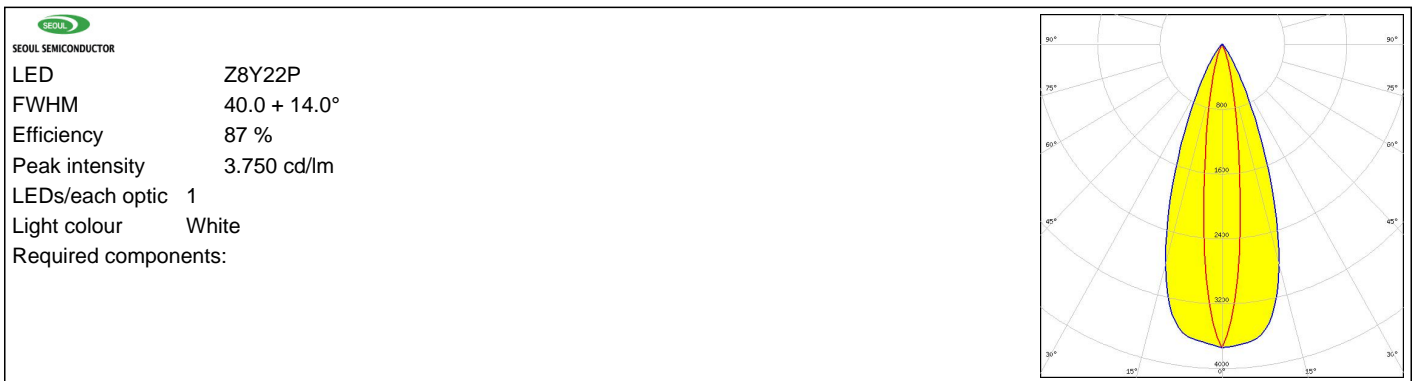
PHOTOMETRIC DATA (MEASURED):

<p>LG Innotek</p> <p>LED H35C1 (LEMWA33) FWHM 13.0 + 41.0° Efficiency 86 % Peak intensity 4.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Q FWHM 12.0 + 41.0° Efficiency 85 % Peak intensity 4.300 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219D FWHM 13.0 + 42.0° Efficiency 89 % Peak intensity 4.300 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5 FWHM 10.0 + 36.0° Efficiency 89 % Peak intensity 5.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):



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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