

LXP-W

~40° wide 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 ⓘ

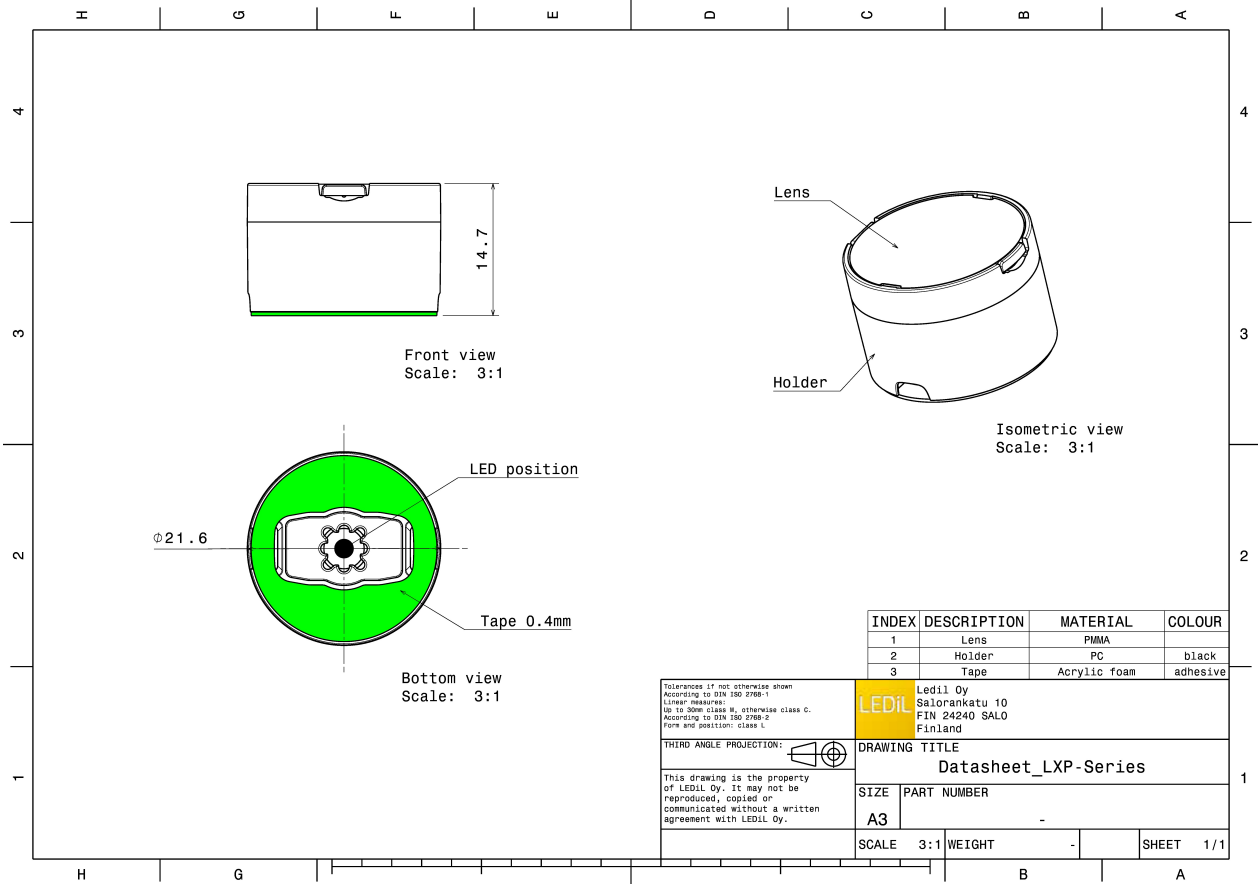


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LR1-W	Single lens	PMMA	clear	
LXP-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10832_LXP-W	Single lens	2304	288	144	12.1
» Box size: 470 x 235 x 270 mm					

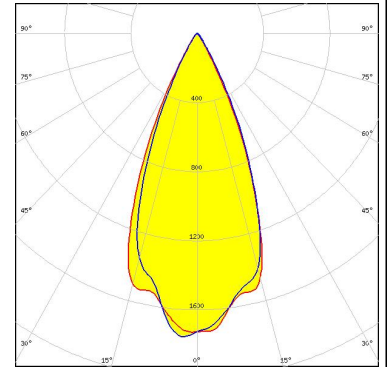


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE ⇄ LED

LED XP-E
 FWHM / FWTM 44.0° / 62.0°
 Efficiency 91 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

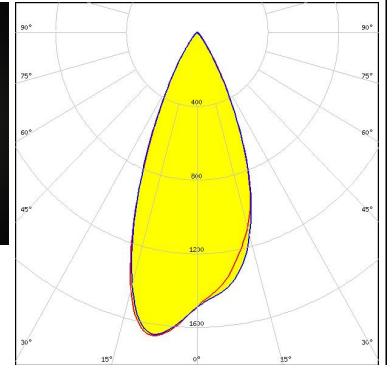
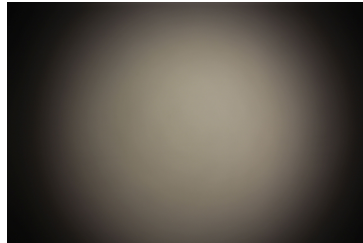


CREE ⇄ LED

LED XP-E-HEW
 FWHM / FWTM 44.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

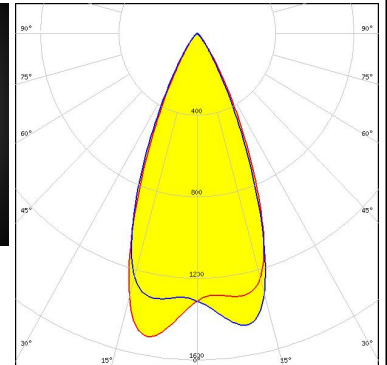
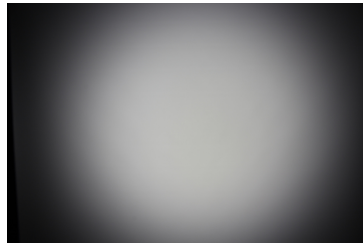
CREE ⇄ LED

LED XP-G
 FWHM / FWTM 43.0° / 67.0°
 Efficiency 88 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE ⇄ LED

LED XP-L HI
 FWHM / FWTM 45.0° / 67.0°
 Efficiency 85 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

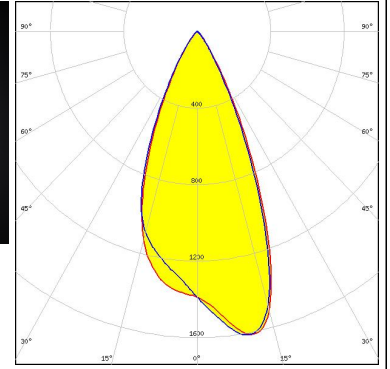


LED XT-E
FWHM / FWTM 45.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

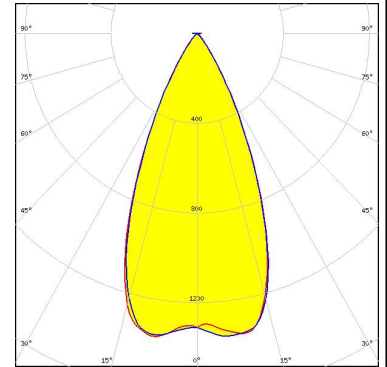
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 44.0° / 67.0°
Efficiency 88 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



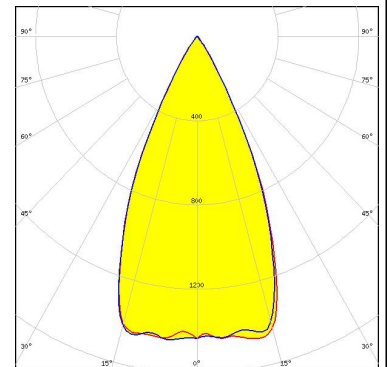
PHOTOMETRIC DATA (SIMULATED):



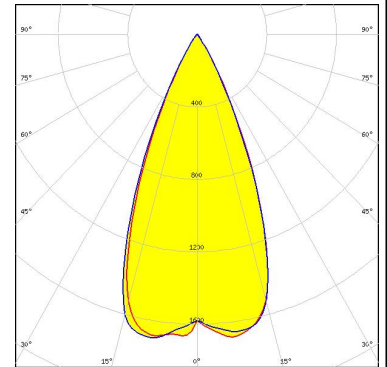
LED XP-G3
 FWHM / FWTM 45.0° / 69.0°
 Efficiency 87 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON V2
 FWHM / FWTM 45.0° / 64.0°
 Efficiency 93 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z5
 FWHM / FWTM 46.0° / 64.0°
 Efficiency 93 %
 Peak intensity 1.7 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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