

LXP-M

~25° medium beam optimized for CREE XP-E.
14.7 mm high assembly with installation tape.

SPECIFICATION:

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

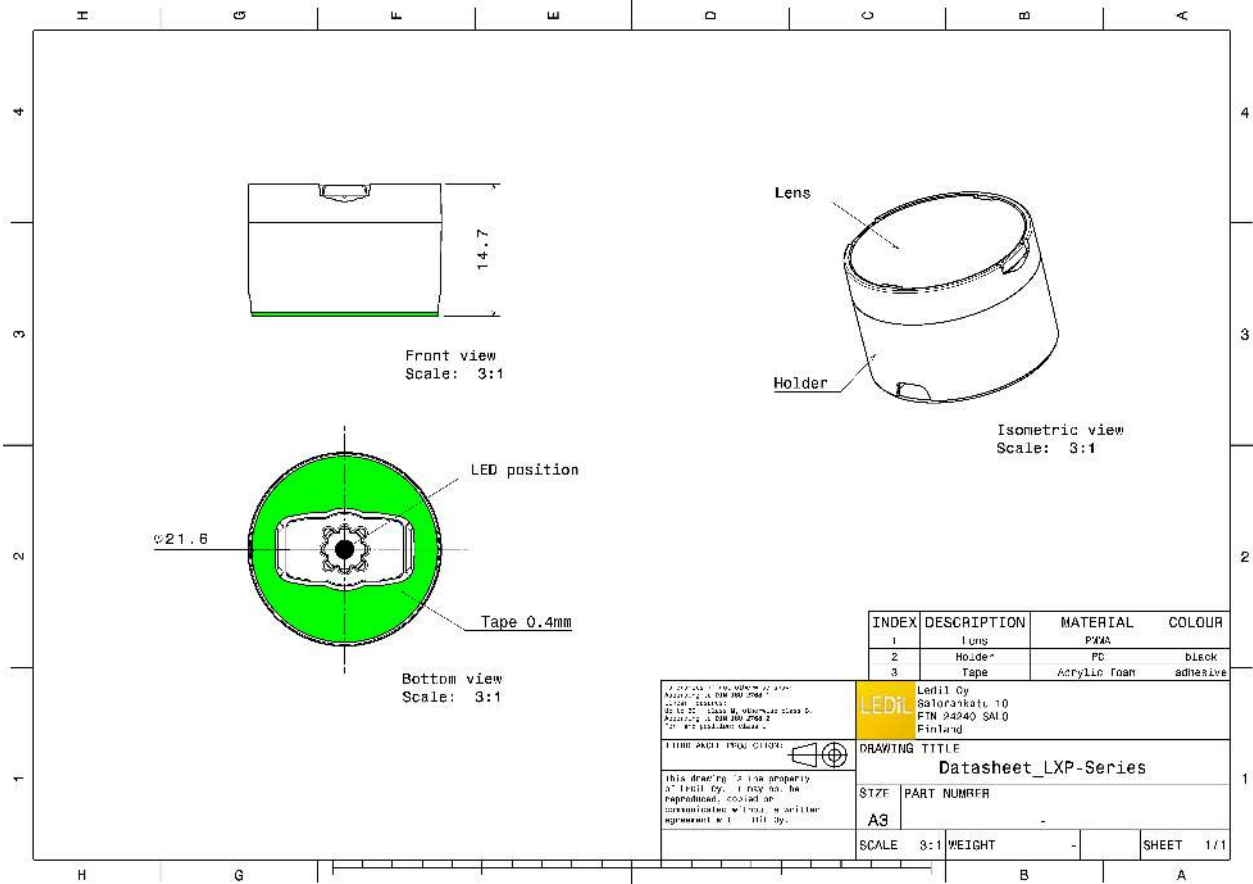


MATERIALS:

Component	Type	Material	Colour	Finish
LR1-M	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)
FA10660_LXP-M	Single lens	2304	288	144	11.6
» Box size: 470 x 235 x 270 mm					



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

OPTICAL RESULTS (MEASURED):

CREE ⇄ LED

LED XP-E
FWHM / FWTM 22.0°
Efficiency 90 %
Peak intensity 4.8 cd/m
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄ LED

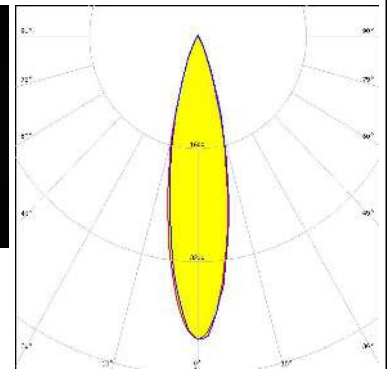
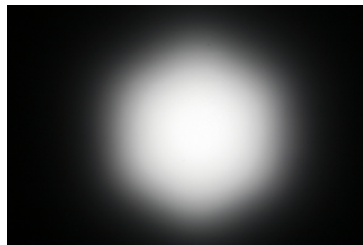
LED XP-E-HEW
FWHM / FWTM 21.0°
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄ LED

LED XP-G
FWHM / FWTM 26.0°
Efficiency 91 %
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄ LED

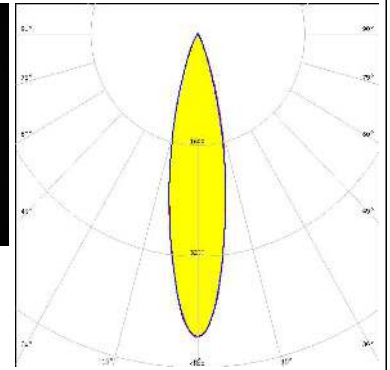
LED XP-G2
FWHM / FWTM 24.0° / 46.0°
Efficiency 87 %
Peak intensity 4.3 cd/m
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

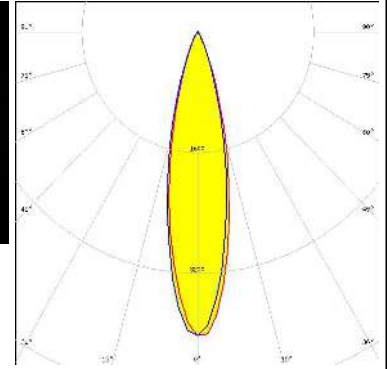
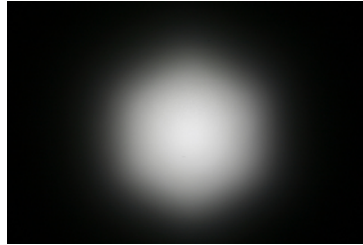
CREE LED

LED XP-L HI
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 86 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

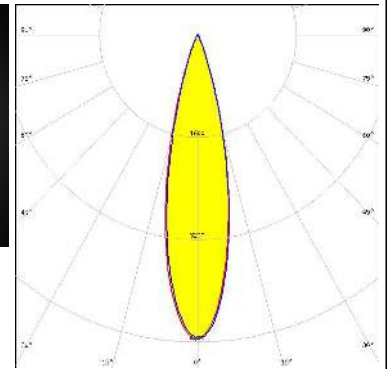
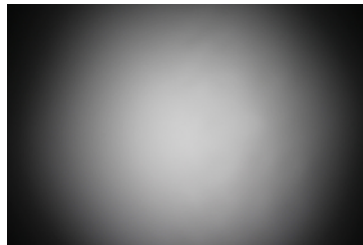
LED XT-E
 FWHM / FWTM 24.0° / 46.0°
 Efficiency 87 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

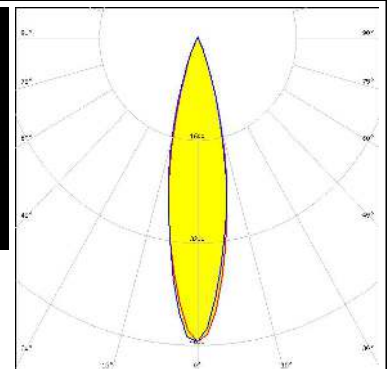
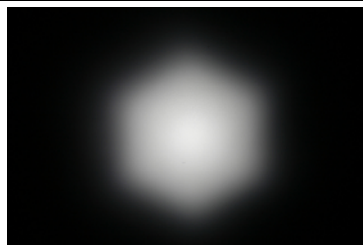
Opto Semiconductors

LED OSRON Square CSSRM2/CSSRM3
 FWHM / FWTM 24.0° / 41.0°
 Efficiency 91 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

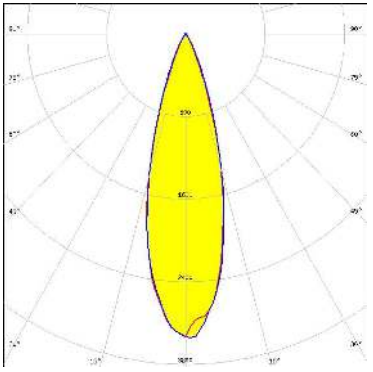
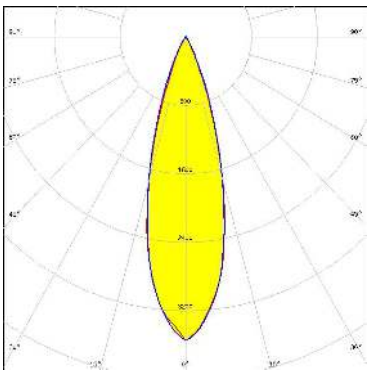
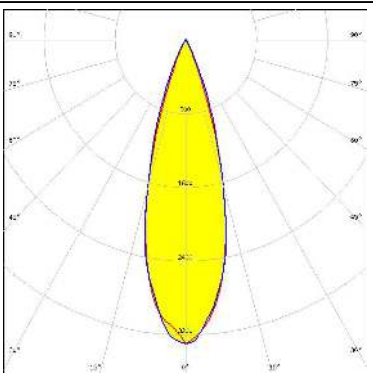


SAMSUNG

LED LH351A
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 90 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: 29.0° / 51.0° Efficiency: 84 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON V2 FWHM / FWTM: 30.0° / 50.0° Efficiency: 94 % Peak intensity: 3.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEMI SEQUIL SEMICONDUCTOR</p> <p>LED: Z5 FWHM / FWTM: 30.0° / 48.0° Efficiency: 90 % Peak intensity: 3.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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