

LXP2-RS

~9.6° spot 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 ⓘ

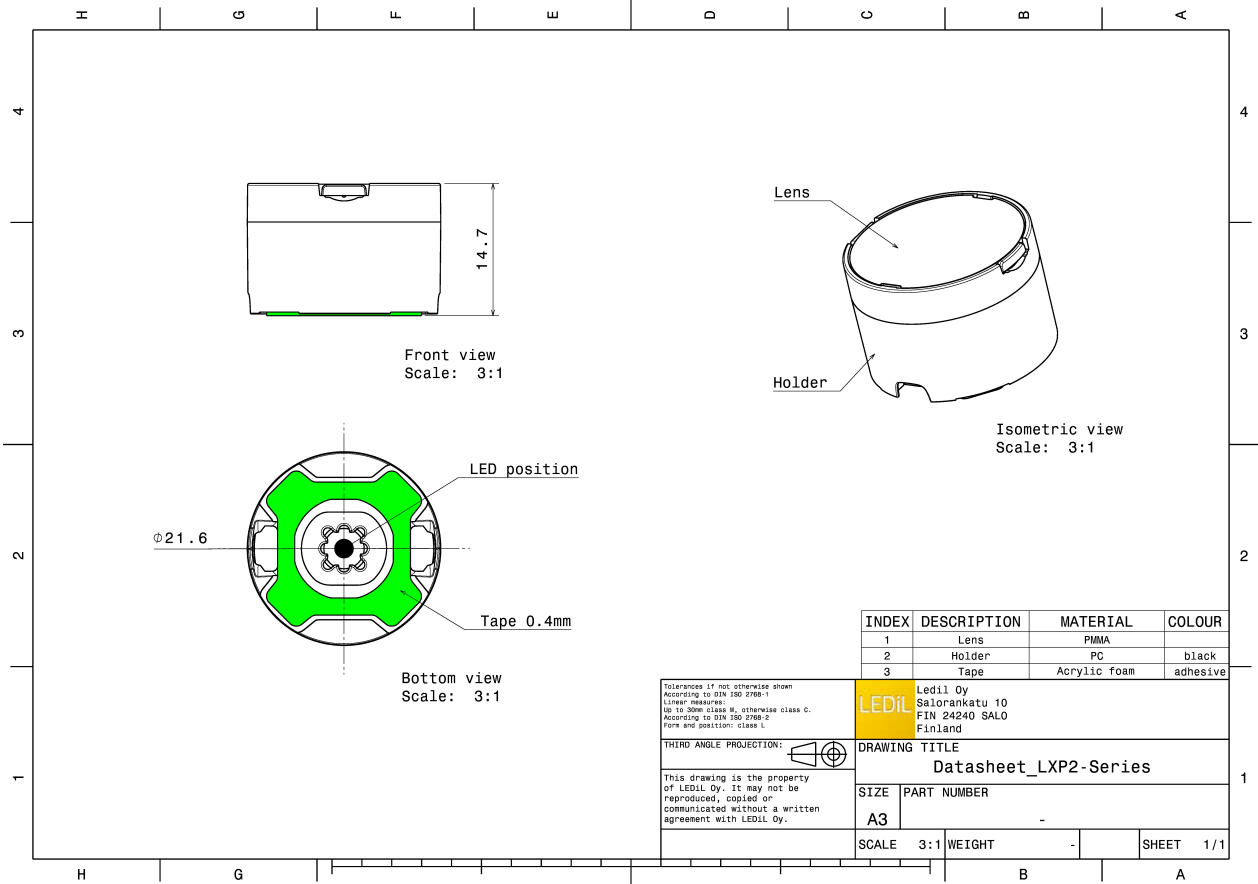


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS	Single lens	PMMA	clear	
LXP2-LH1-TAPE-BLK	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11481_LXP2-RS	Single lens	1680	336	112	9.5
» Box size: 480 x 280 x 300 mm					

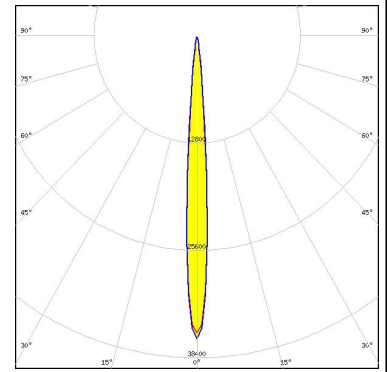


See also our general installation guide: www.ledil.com/installation_guide

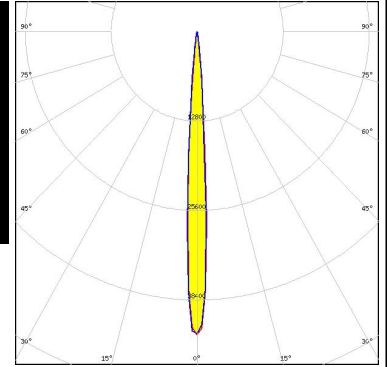
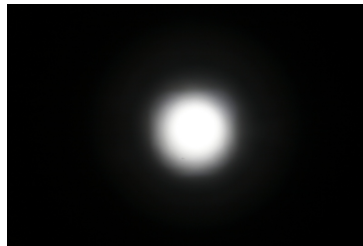
OPTICAL RESULTS (MEASURED):



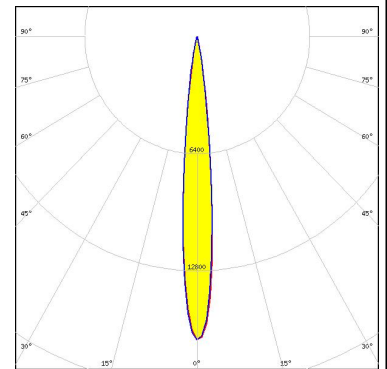
LED XP-E
 FWHM / FWTM 7.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



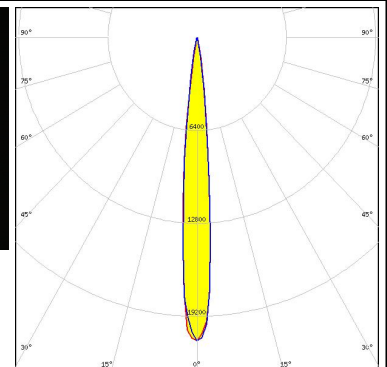
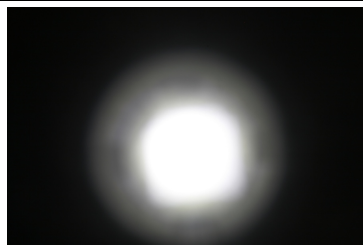
LED XP-E2
 FWHM / FWTM 8.0° / 14.0°
 Efficiency 90 %
 Peak intensity 44 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



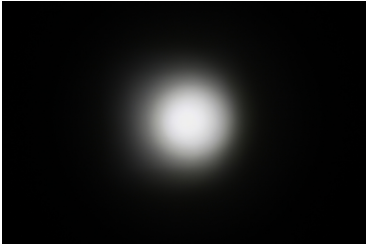
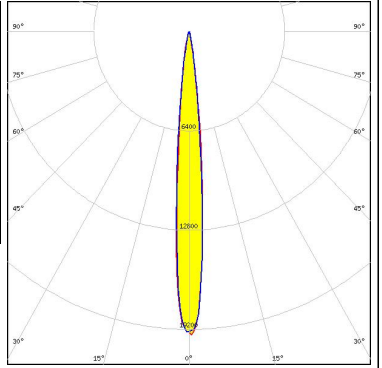
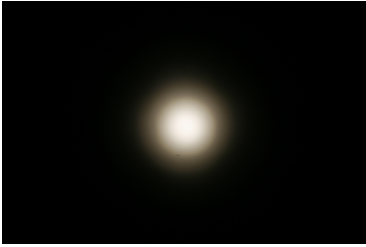
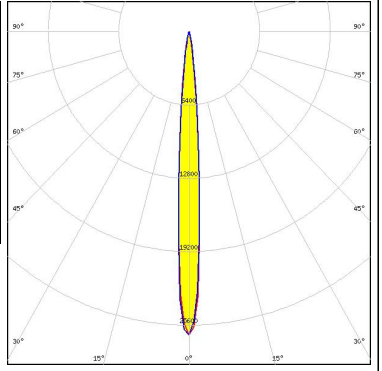

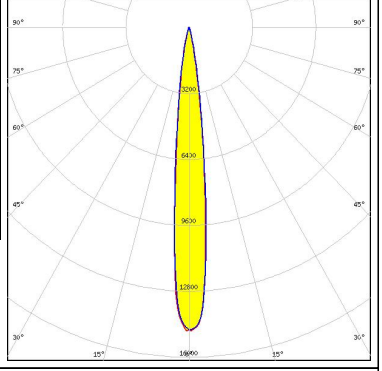

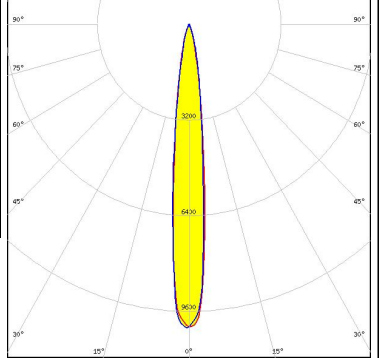
LED XP-G
 FWHM / FWTM 10.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 94 %
 Peak intensity 21 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



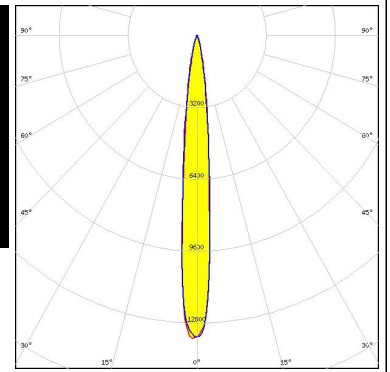
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED: XP-L HI FWHM / FWTM: 10.0° / 20.0° Efficiency: 89 % Peak intensity: 20 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NCSxx19A FWHM / FWTM: 8.0° / 18.0° Efficiency: 86 % Peak intensity: 26.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NVSW219D FWHM / FWTM: 12.0° / 23.0° Efficiency: 92 % Peak intensity: 14.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NVSW3x9A FWHM / FWTM: 12.0° / 28.0° Efficiency: 83 % Peak intensity: 10.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

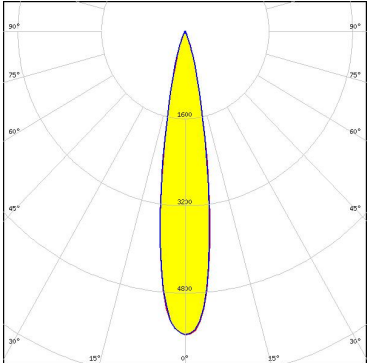
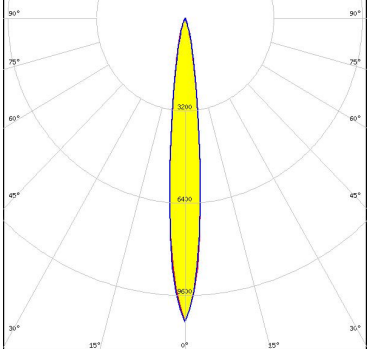
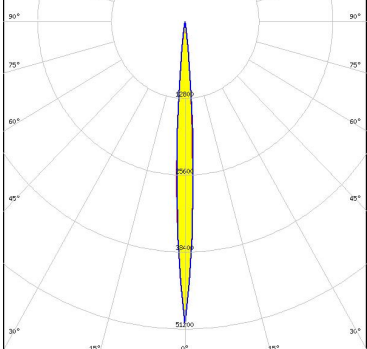
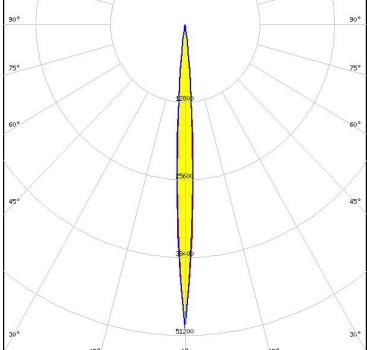
OPTICAL RESULTS (MEASURED):



LED	NVSxx19B/NVSxx19C
FWHM / FWTM	11.0° / 25.0°
Efficiency	89 %
Peak intensity	13.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



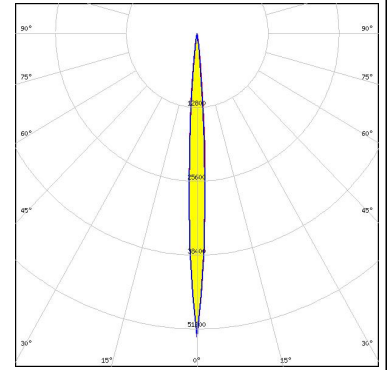
OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED: XHP35.2 HD FWHM / FWTM: 18.0° / 36.0° Efficiency: 74 % Peak intensity: 5.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LEDs</p> <p>LED: XHP35.2 HI FWHM / FWTM: 12.0° / 28.0° Efficiency: 81 % Peak intensity: 10.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LEDs</p> <p>LED: XP-P FWHM / FWTM: 6.0° / 14.0° Efficiency: 92 % Peak intensity: 50.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON CZ FWHM / FWTM: 6.0° / 14.0° Efficiency: 92 % Peak intensity: 50 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

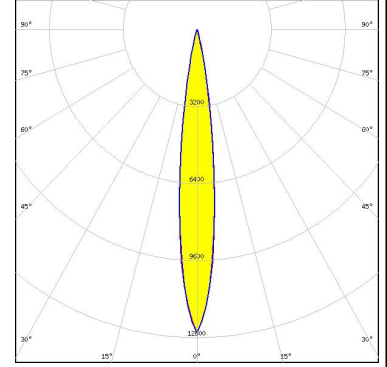
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 92 %
 Peak intensity 52.6 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



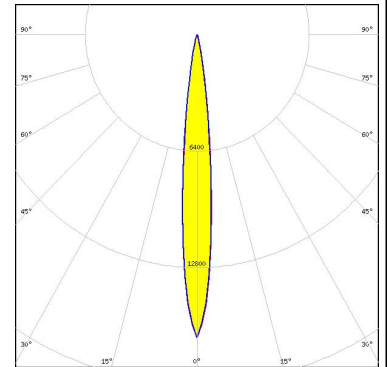
LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 88 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



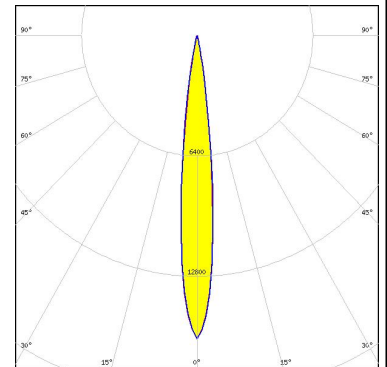
LUMILEDS

LED LUXEON V2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 92 %
 Peak intensity 16.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSW219F
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 87 %
 Peak intensity 16.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

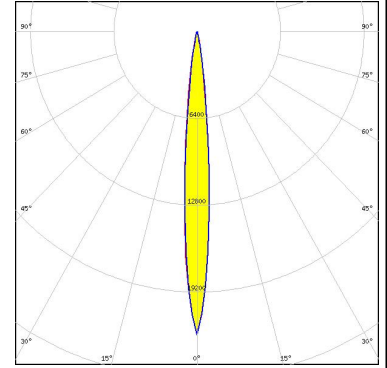


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 92 %
 Peak intensity 22.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LM301B
 FWHM / FWTM 9.0° / 21.0°
 Efficiency 94 %
 Peak intensity 21.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5
 FWHM / FWTM 10.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 92 %
 Peak intensity 13.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

