

LXP2-RS

~9.6° spot 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 ⓘ |

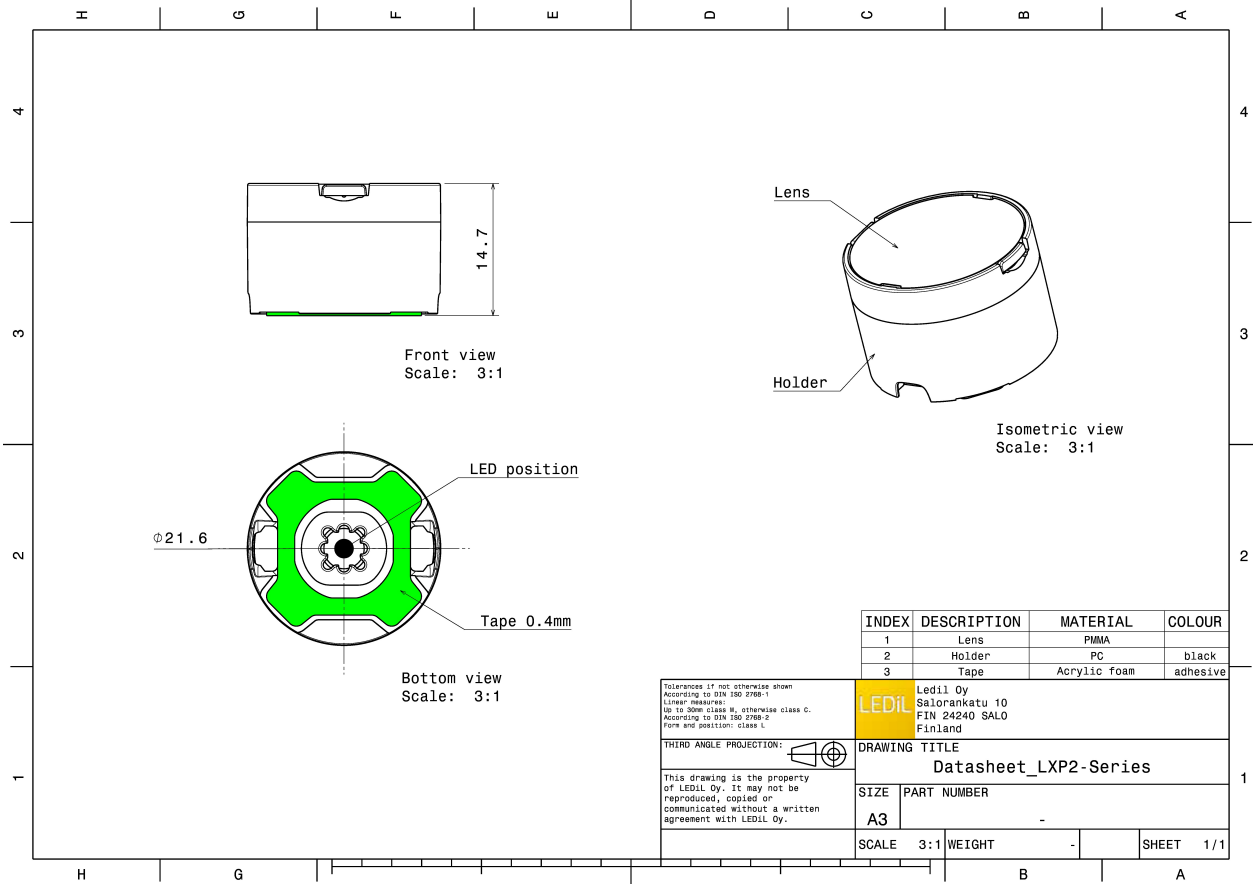


MATERIAL SPECIFICATIONS:

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

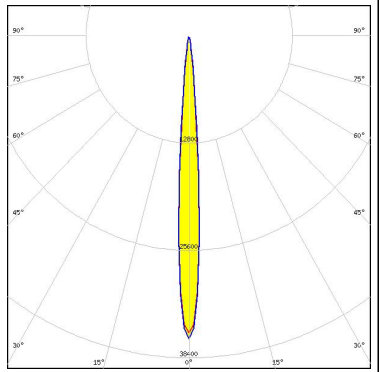

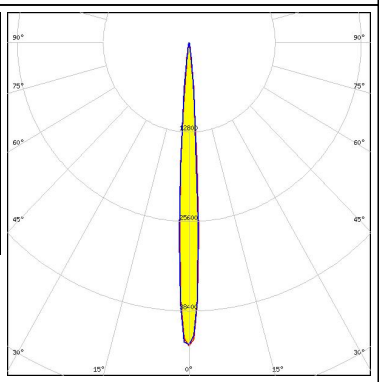
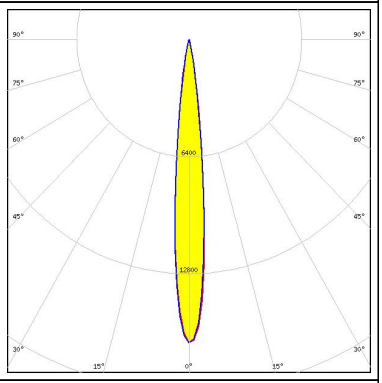

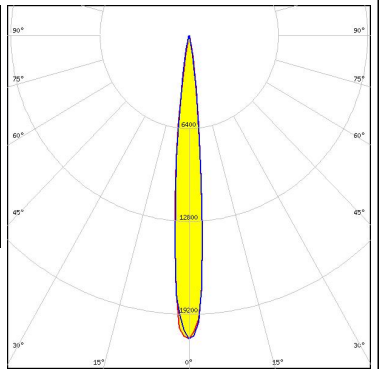
ORDERING INFORMATION:

| 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 | | | | | |


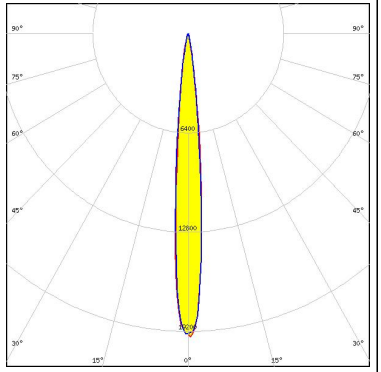

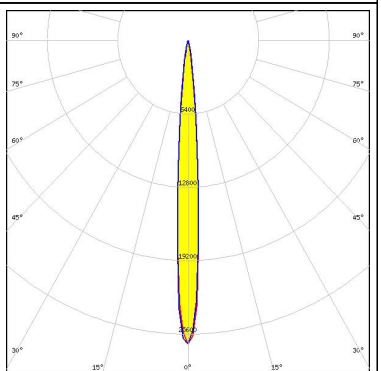

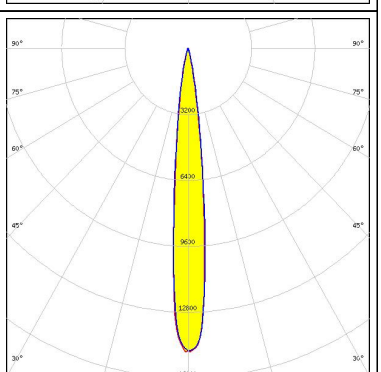

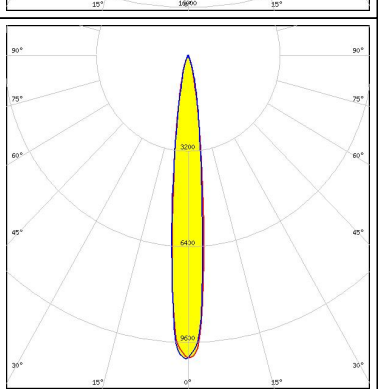


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

| | | |
|---|--|---|
| <p>CREE LED</p> <p>LED: XP-E FWHM / FWTM: 7.0° Efficiency: 94 % LEDs/each optic: 1 Light colour: White Required components:</p> | |  |
| <p>CREE LED</p> <p>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:</p> |  |  |
| <p>CREE LED</p> <p>LED: XP-G FWHM / FWTM: 10.0° Efficiency: 94 % LEDs/each optic: 1 Light colour: White Required components:</p> | |  |
| <p>CREE LED</p> <p>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:</p> |  |  |

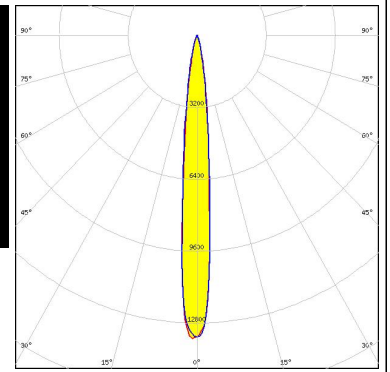
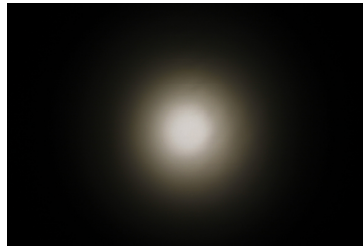
PHOTOMETRIC DATA (MEASURED):

| | | |
|--|--|---|
| <p>CREE LED</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> |  |  |

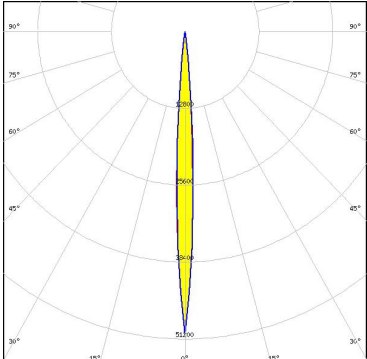
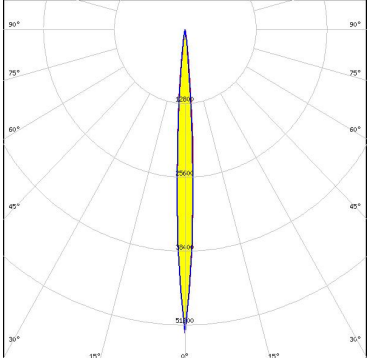
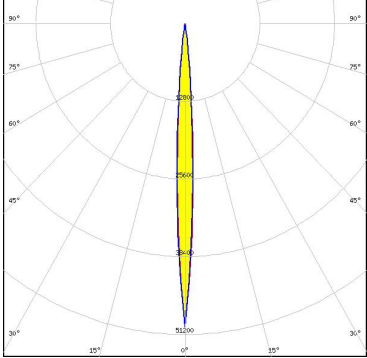
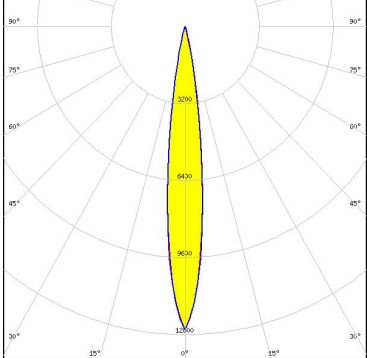
PHOTOMETRIC DATA (MEASURED):



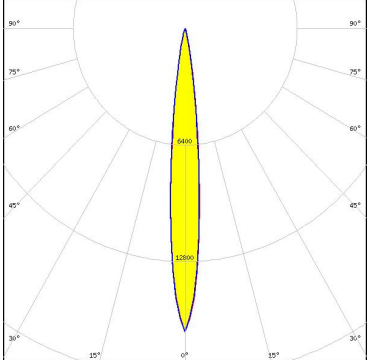
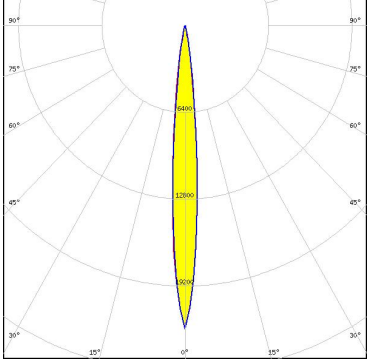
LED NVSxx19B/NVSxx19C
FWHM / FWTM 11.0° / 25.0°
Efficiency 89 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

| | |
|---|---|
| <p>CREE LED</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: 52.6 cd/lm LEDs/each optic: 1 Light colour: Red 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> |  |
| <p>LUMILEDS</p> <p>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:</p> |  |

PHOTOMETRIC DATA (SIMULATED):

| | |
|---|--|
| <p>LUMILEDS</p> <p>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:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM 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:</p> |  |
| <p>SAMSUNG</p> <p>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:</p> | |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED: Z5 FWHM / FWTM: 10.0° Efficiency: % LEDs/each optic: 1 Light colour: White Required components:</p> | |

PHOTOMETRIC DATA (SIMULATED):

| | |
|---|---------------|
|  | |
| 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: | |



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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