

LXP3-W

~40° wide beam optimized for CREE XP-E. 14.7 mm high assembly.

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 21.6 mm |
| Height | 14.7 mm |
| Fastening | glue |
| ROHS compliant | yes ⓘ |

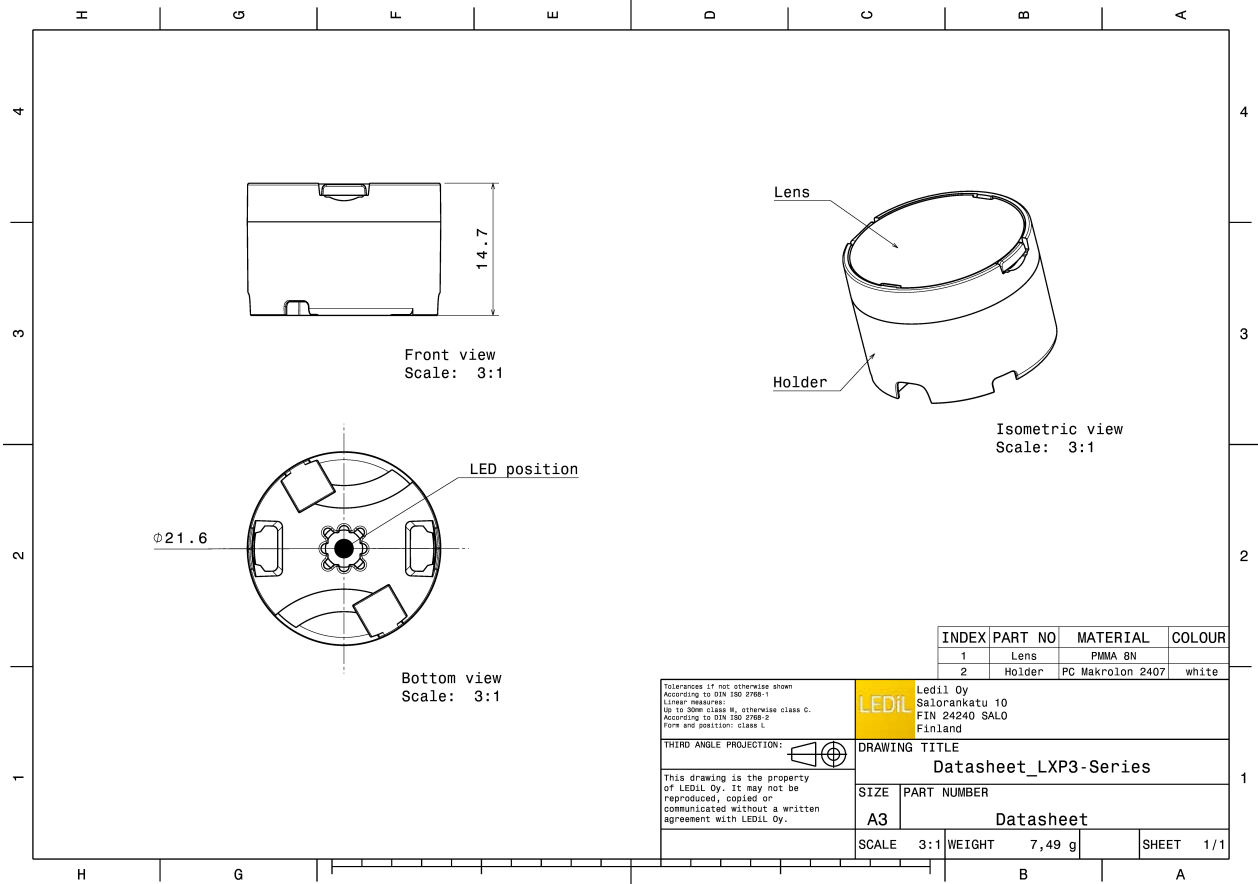


MATERIALS:

| Component | Type | Material | Colour | Finish |
|--------------|-------------|----------|--------|--------|
| LXP2-W | Single lens | PMMA | | |
| LXP3-LH1-WHT | Holder | PC | white | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CP12395_LXP3-W | Single lens | 1680 | 336 | 112 | 9.5 |
| » Box size: 480 x 280 x 300 mm | | | | | |

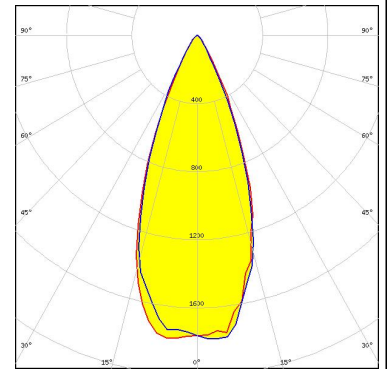


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

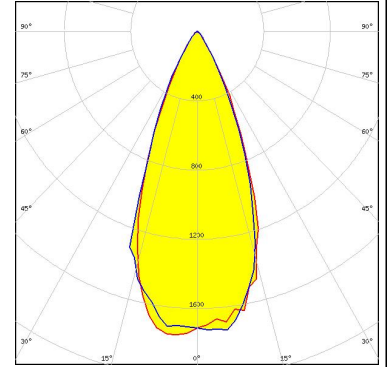
CREE → LED

LED XP-E
 FWHM / FWTM 42.0° / 65.0°
 Efficiency 92 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



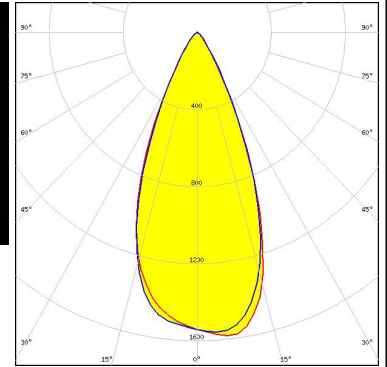
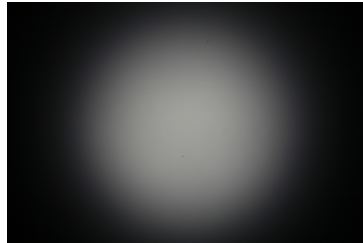
CREE → LED

LED XP-G
 FWHM / FWTM 43.0° / 66.0°
 Efficiency 92 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



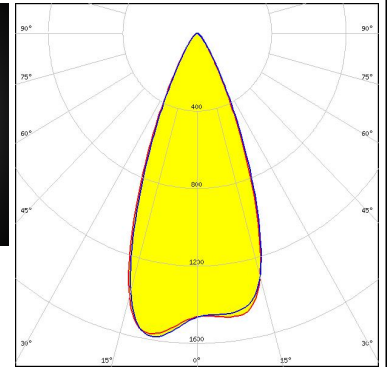
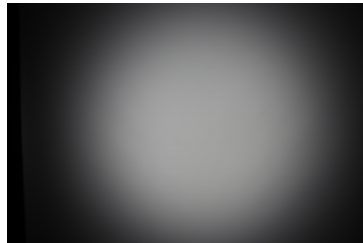
CREE → LED

LED XP-G2
 FWHM / FWTM 45.0° / 70.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

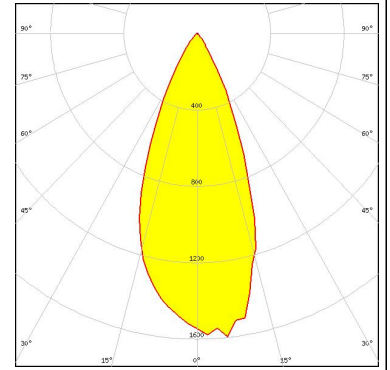
LED XP-L HI
 FWHM / FWTM 43.0° / 67.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):



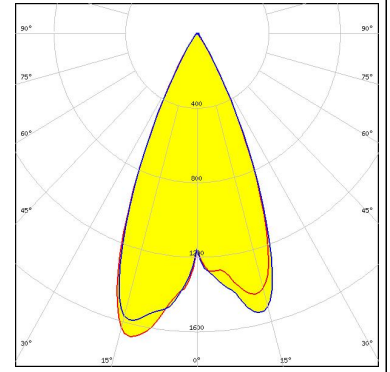
| | |
|----------------------|---------------|
| LED | XT-E |
| FWHM / FWTM | 41.0° / 64.0° |
| Efficiency | 89 % |
| Peak intensity | 1.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



OPTICAL RESULTS (SIMULATED):



| | |
|----------------------|---------------|
| LED | XQ-E HD |
| FWHM / FWTM | 48.0° / 64.0° |
| Efficiency | 95 % |
| 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:

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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