

## LXP2-W

~40° wide 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 ⓘ     |

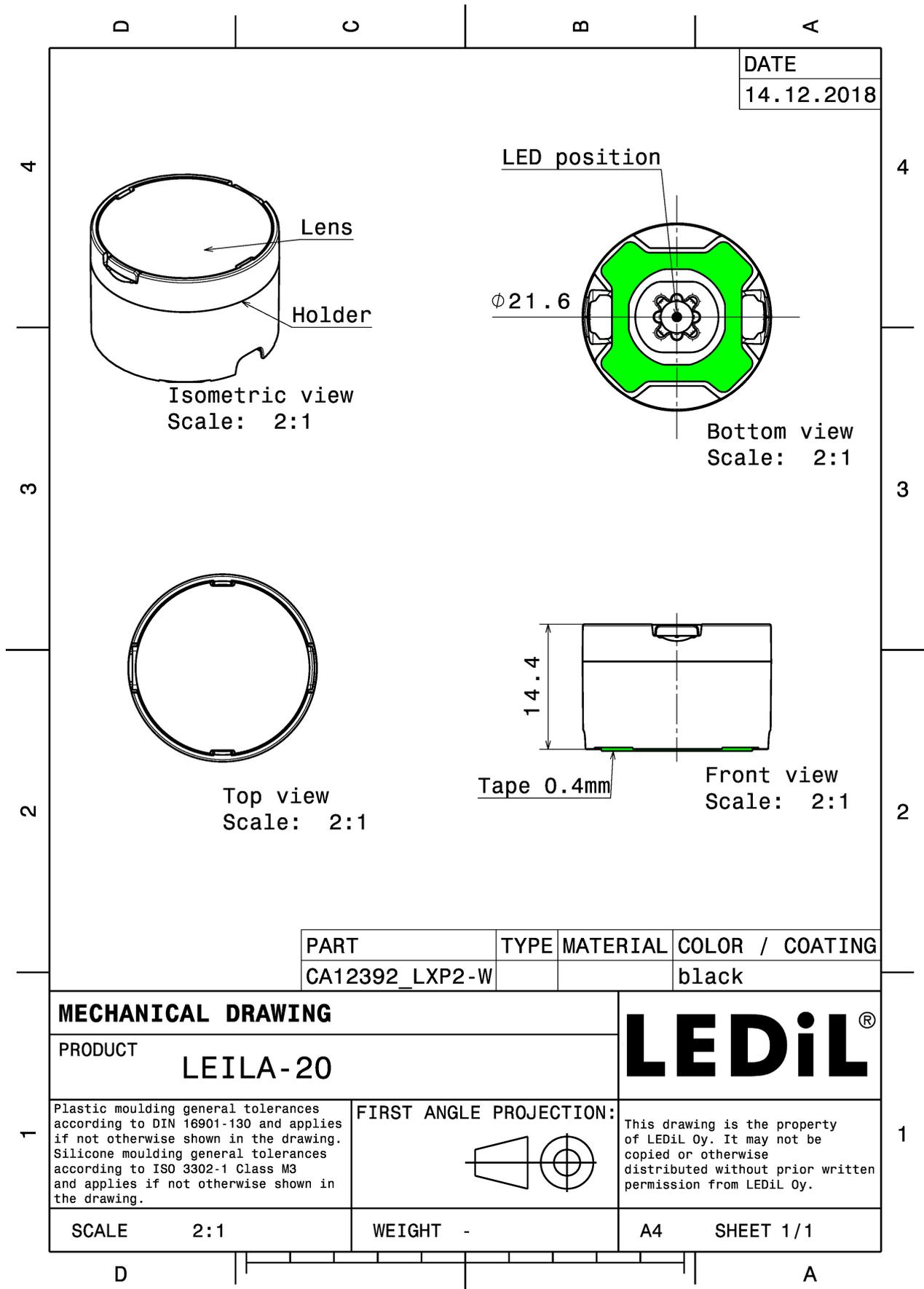


### MATERIALS:

| Component         | Type        | Material     | Colour | Finish | Length |
|-------------------|-------------|--------------|--------|--------|--------|
| LXP2-W            | Single lens | PMMA         |        |        | 21.6   |
| LXP2-LH1-TAPE-BLK | Holder      | PC           | black  |        | 21.6   |
| HEIDI-TAPE        | Tape        | Acrylic foam | black  |        |        |

### ORDERING INFORMATION:

| Component  | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| CA12392_LXP2-W<br>» Box size: 480 x 280 x 300 mm | 1680       | 336 | 112 | 9.7             |

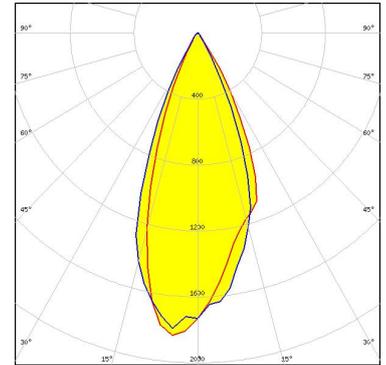


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



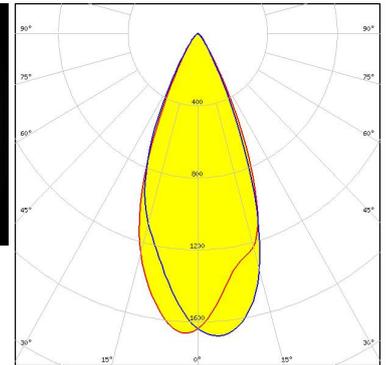
LED XP-E  
FWHM / FWTM 48.0° / 68.0°  
Efficiency 90 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



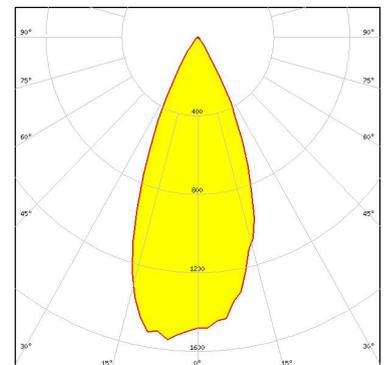
LED XP-E2  
FWHM / FWTM 43.0° / 65.0°  
Efficiency 87 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-G  
FWHM / FWTM 43.0° / 64.0°  
Efficiency 89 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

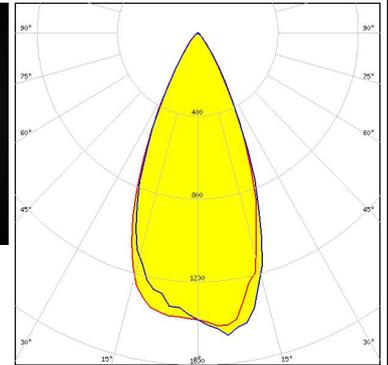
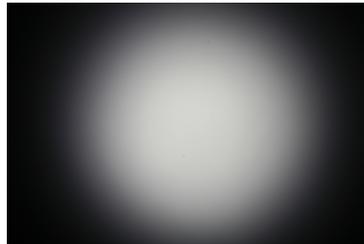


Light distribution files

### OPTICAL RESULTS (MEASURED):



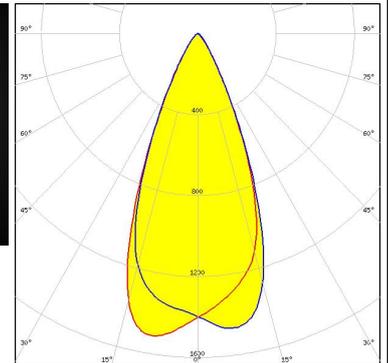
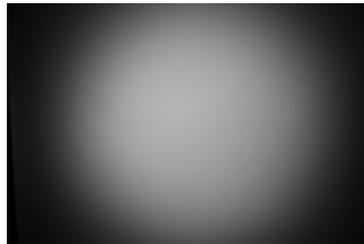
LED XP-G2  
 FWHM / FWTM 46.0° / 70.0°  
 Efficiency 87 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



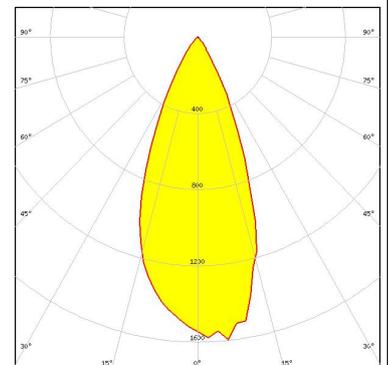
LED XP-L HI  
 FWHM / FWTM 44.0° / 67.0°  
 Efficiency 84 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

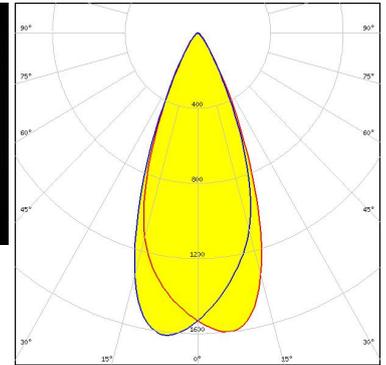


Light distribution files

### OPTICAL RESULTS (MEASURED):



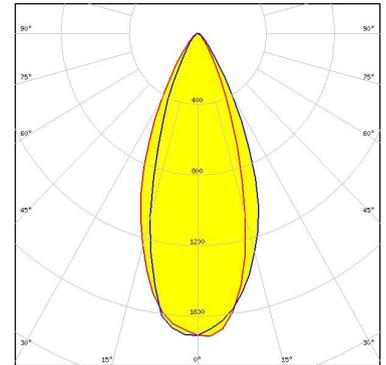
**LED** LUXEON Q  
**FWHM / FWTM** 42.0° / 66.0°  
**Efficiency** 85 %  
**Peak intensity** 1.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



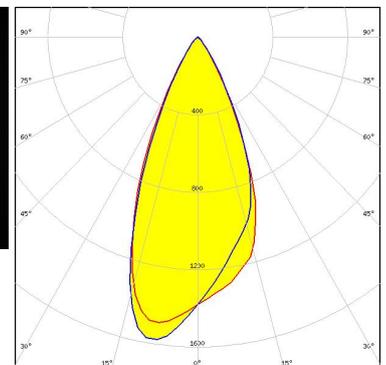
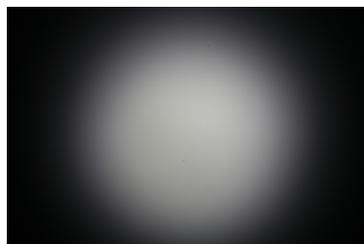
**LED** Z5  
**FWHM / FWTM** 36.0° / 64.0°  
**Efficiency** 93 %  
**Peak intensity** 1.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** Z5M1/Z5M2  
**FWHM / FWTM** 47.0° / 70.0°  
**Efficiency** 86 %  
**Peak intensity** 1.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

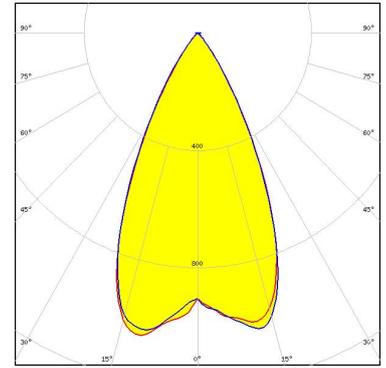


Light distribution files

### OPTICAL RESULTS (SIMULATED):



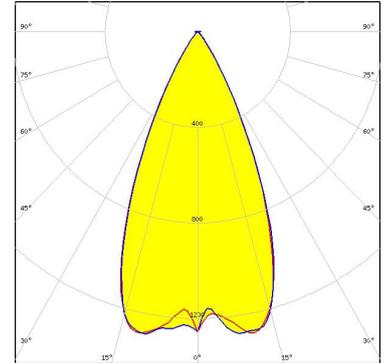
LED XHP35.2 HD  
FWHM / FWTM 52.0° / 74.0°  
Efficiency 75 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



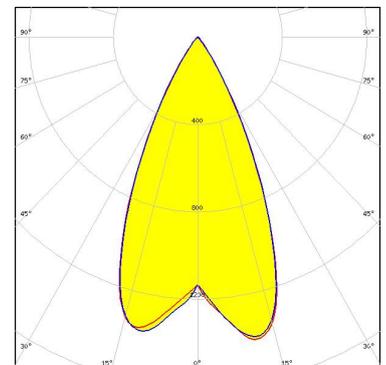
LED XHP35.2 HI  
FWHM / FWTM 48.0° / 68.0°  
Efficiency 82 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON HL2X  
FWHM / FWTM 50.0° / 70.0°  
Efficiency 92 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

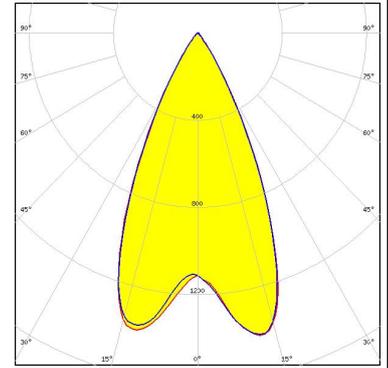


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

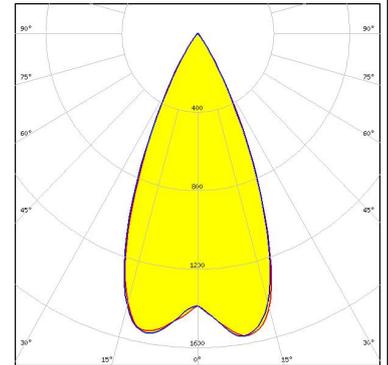
LED LH351B  
FWHM / FWTM 49.0° / 68.0°  
Efficiency 91 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Z8Y22P  
FWHM / FWTM 44.0° / 65.0°  
Efficiency 91 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### 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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