

## G2-LXP2-M

~20° medium beam with light, black holder.  
Assembly with installation tape.

### SPECIFICATION:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 21.8 mm |
| Height         | 14.7 mm   |
| Fastening      | tape      |
| ROHS compliant | yes ⓘ     |

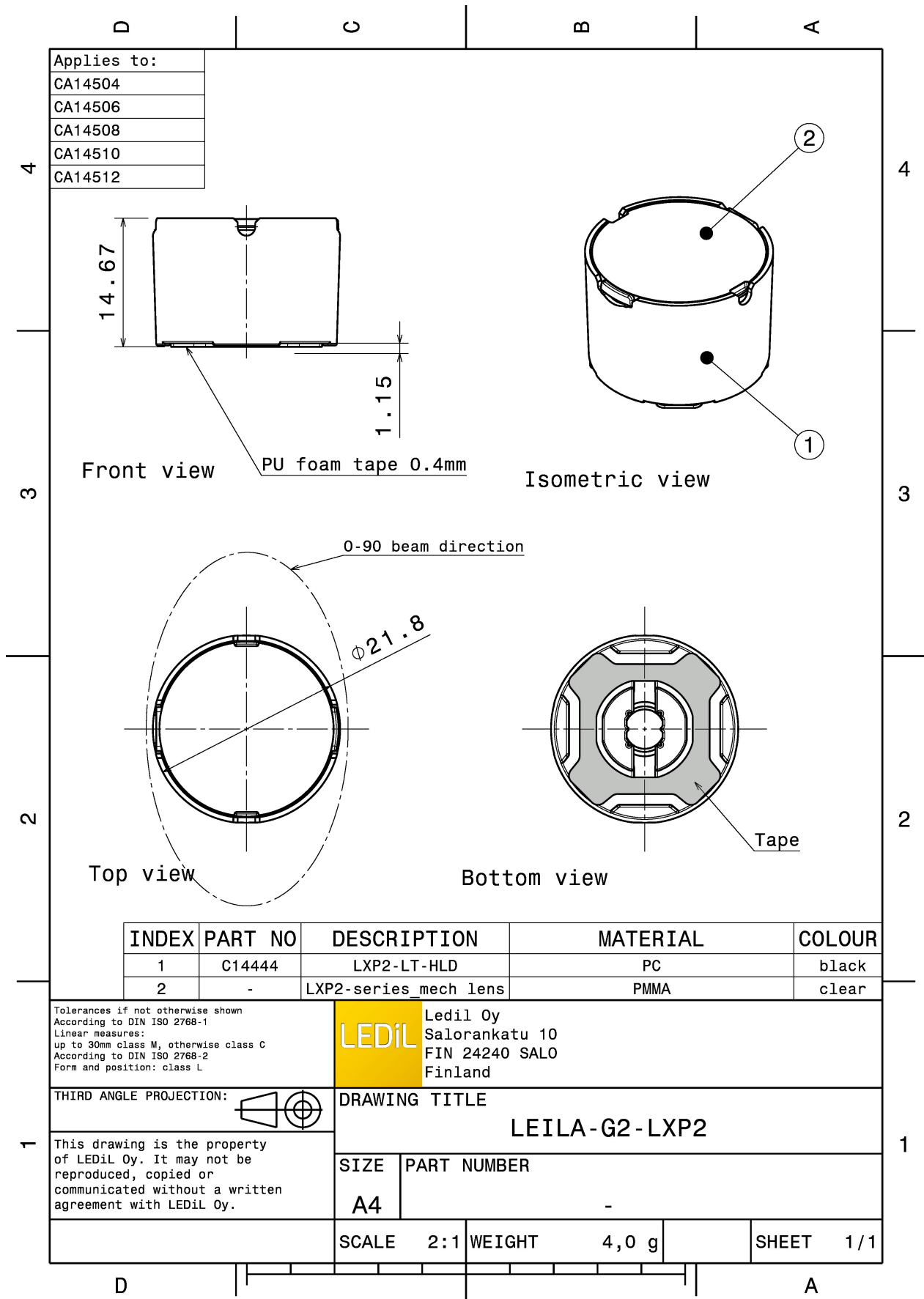
### MATERIALS:

| Component   | Type        | Material     | Colour | Finish |
|-------------|-------------|--------------|--------|--------|
| LXP2-M      | Single lens | PMMA         | clear  |        |
| LXP2-LT-HLD | Holder      | PC           | black  |        |
| HEIDI-TAPE  | Tape        | Acrylic foam | black  |        |

### ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA14510_G2-LXP2-M              | Single lens | 1680       | 336 | 112 | 8.0             |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |



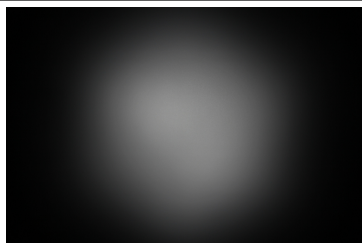


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



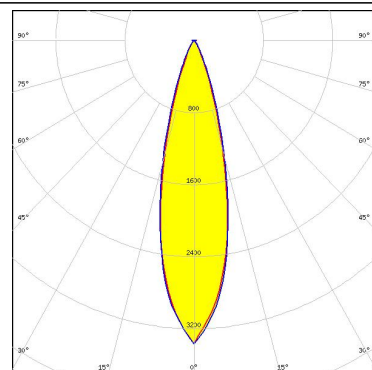
|                      |               |
|----------------------|---------------|
| LED                  | XP-E          |
| FWHM / FWTM          | 22.0° / 40.0° |
| Efficiency           | 88 %          |
| Peak intensity       | 5.2 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour         | White         |
| Required components: |               |



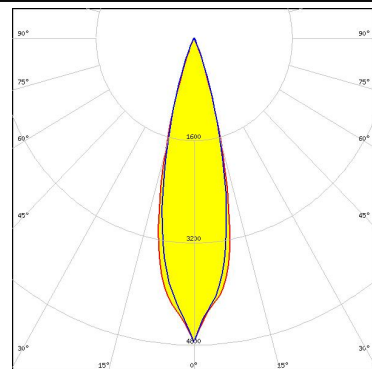
### OPTICAL RESULTS (SIMULATED):



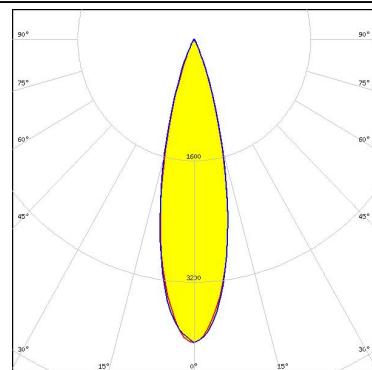
LED XD16  
FWHM / FWTM 26.0° / 49.0°  
Efficiency 86 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



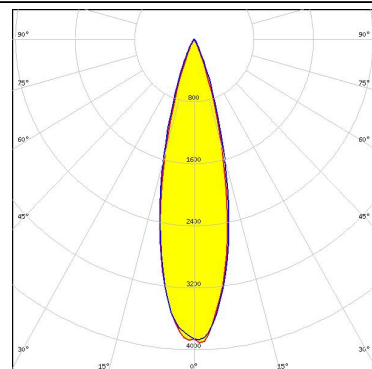
LED XP-G2  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 94 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G2 HE  
FWHM / FWTM 26.0° / 45.0°  
Efficiency 90 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



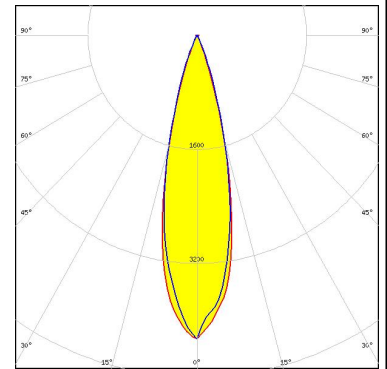
LED XQ-E HI  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 90 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



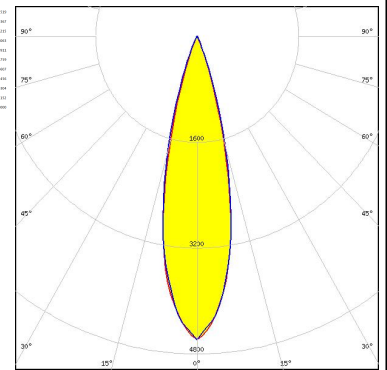
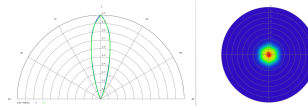
#### OPTICAL RESULTS (SIMULATED):



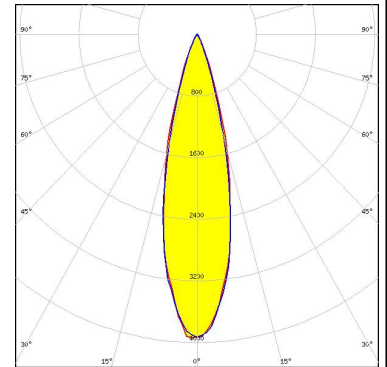
LED XT-E  
FWHM / FWTM 26.0° / 43.0°  
Efficiency 90 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



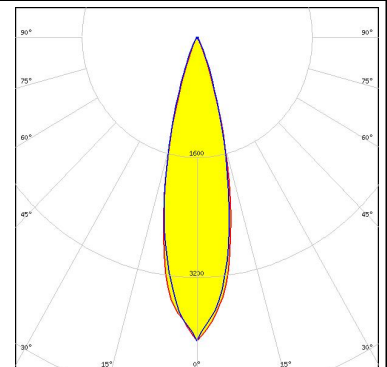
LED SST-10-B130  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour IR  
Required components:



LED NVSxE21A  
FWHM / FWTM 26.0° / 45.0°  
Efficiency 88 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



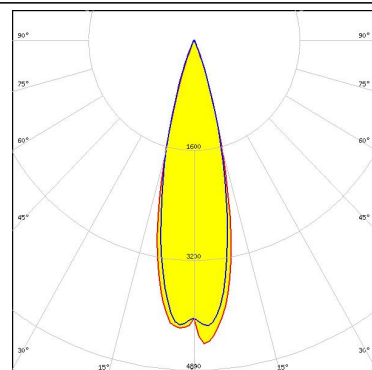
LED NVSxx19B/NVSxx19C  
FWHM / FWTM 25.0° / 44.0°  
Efficiency 87 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

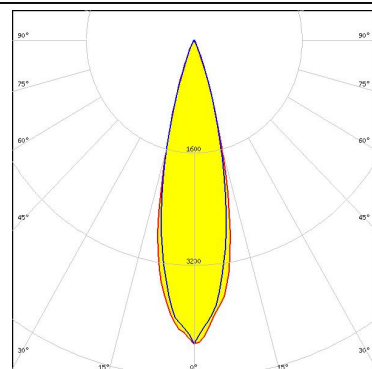
#### SAMSUNG

LED LH351A  
FWHM / FWTM 25.0° / 41.0°  
Efficiency 41 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



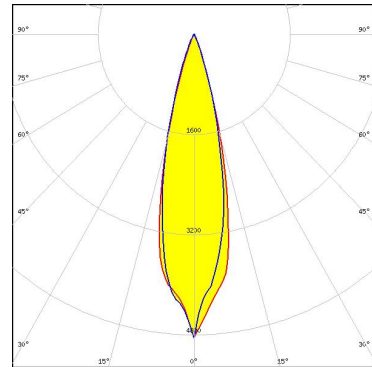
#### SAMSUNG

LED LH351B  
FWHM / FWTM 25.0° / 41.0°  
Efficiency 90 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



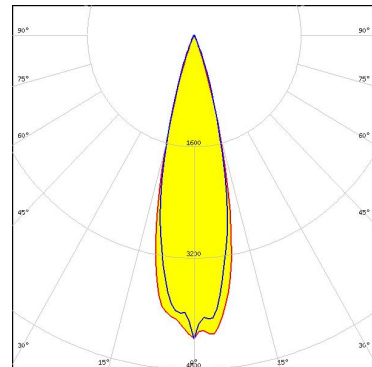
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 92 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z5P  
FWHM / FWTM 26.0° / 41.0°  
Efficiency 91 %  
Peak intensity 4.4 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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