

## LISA3-W-CLIP16

~35° wide beam with clip installation.

## SPECIFICATION:

|                |       |
|----------------|-------|
| Dimensions     | mm    |
| Height         | 7 mm  |
| Fastening      | clips |
| ROHS compliant | yes ⓘ |

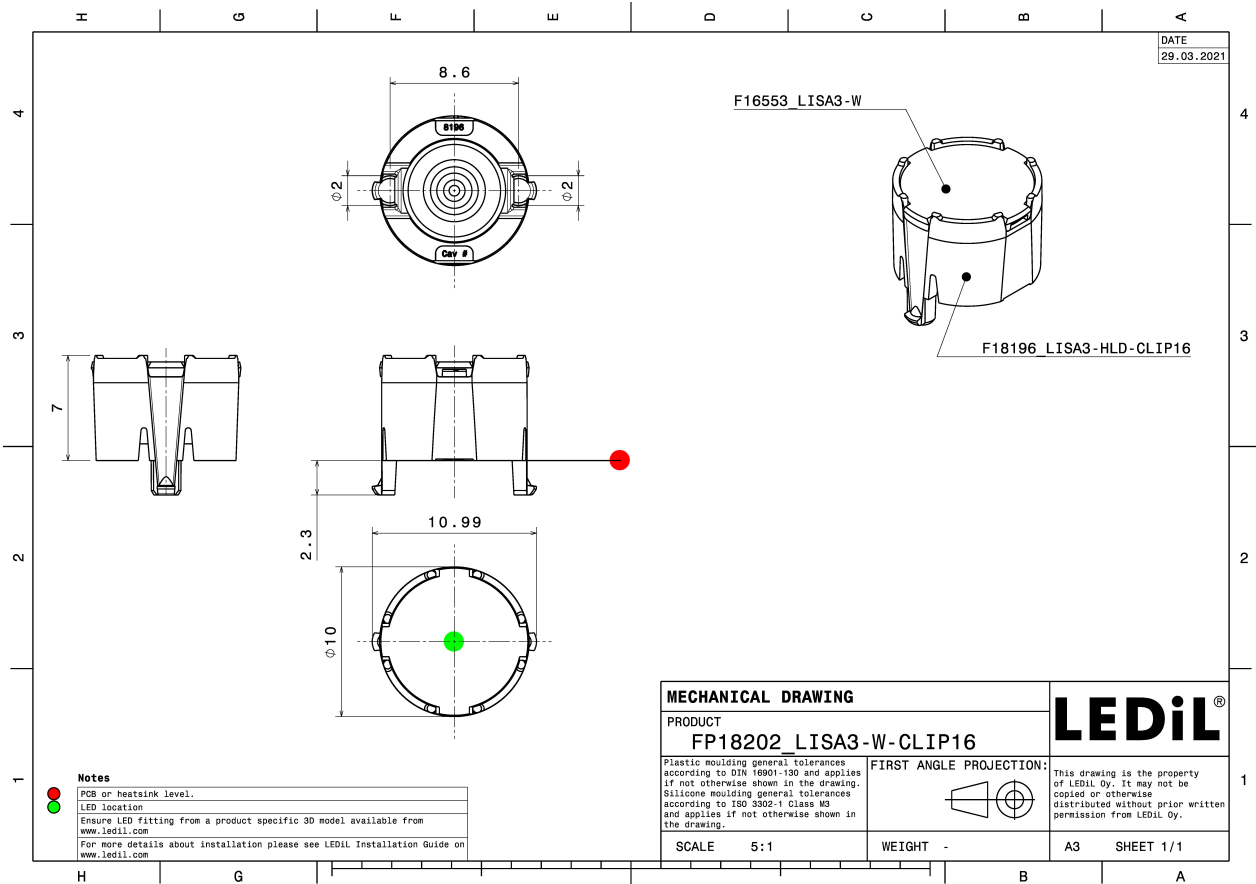
## MATERIALS:

| Component        | Type        | Material | Colour | Finish | Length (mm) |
|------------------|-------------|----------|--------|--------|-------------|
| LISA3-W          | Single lens | PMMA     | clear  |        | 9.9         |
| LISA3-HLD-CLIP16 | Holder      | PC       | black  |        | 9.9         |

## ORDERING INFORMATION:

| Component                                               | Qty in box | MOQ | MPQ | Box weight (kg) |
|---------------------------------------------------------|------------|-----|-----|-----------------|
| FP18202_LISA3-W-CLIP16<br>» Box size: 310 x 230 x 60 mm | 2000       | 300 | 100 | 1.3             |



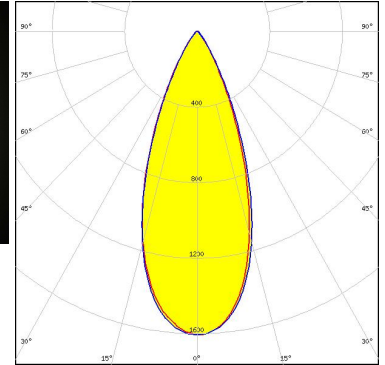


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



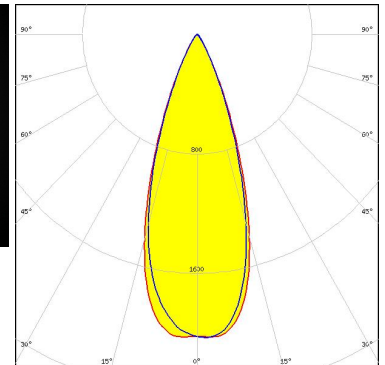
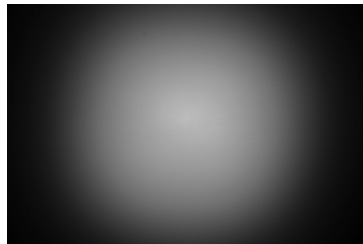
LED XP-G3  
 FWHM / FWTM 41.0° / 67.0°  
 Efficiency 84 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM 37.0° / 59.0°  
 Efficiency 87 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### OPTICAL RESULTS (SIMULATED):



|                      |               |
|----------------------|---------------|
| LED                  | XP-E2         |
| FWHM / FWTM          | 34.0° / 47.0° |
| Efficiency           | 92 %          |
| Peak intensity       | 3.6 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour/type    | Green         |
| Required components: |               |

Light distribution files

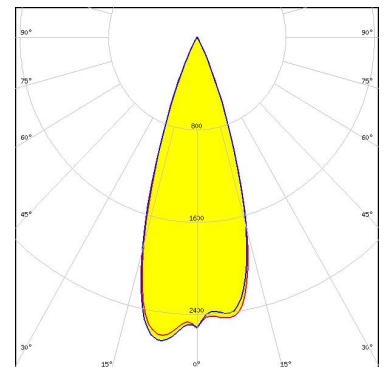


|                      |               |
|----------------------|---------------|
| LED                  | XP-E2         |
| FWHM / FWTM          | 38.0° / 52.0° |
| Efficiency           | 91 %          |
| Peak intensity       | 2.7 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour/type    | Red           |
| Required components: |               |

Light distribution files



|                      |               |
|----------------------|---------------|
| LED                  | XP-E2         |
| FWHM / FWTM          | 35.0° / 52.0° |
| Efficiency           | 91 %          |
| Peak intensity       | 2.7 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour/type    | White         |
| Required components: |               |



Light distribution files

## OPTICAL RESULTS (SIMULATED):

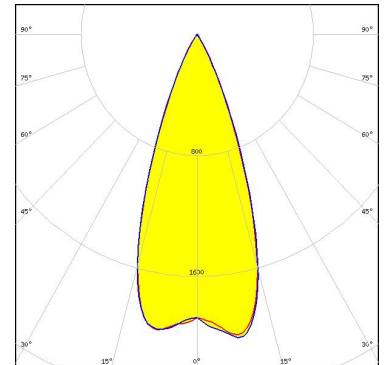


|                      |               |
|----------------------|---------------|
| LED                  | XP-E2         |
| FWHM / FWTM          | 33.0° / 46.0° |
| Efficiency           | 92 %          |
| Peak intensity       | 3.5 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour/type    | Blue          |
| Required components: |               |

Light distribution files



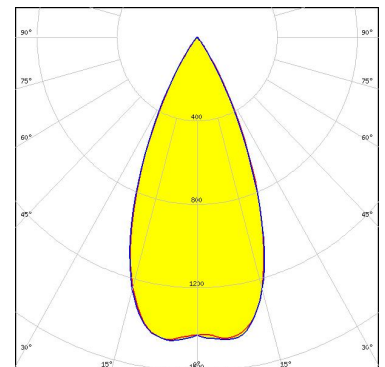
|                      |               |
|----------------------|---------------|
| LED                  | LUXEON C      |
| FWHM / FWTM          | 40.0° / 58.0° |
| Efficiency           | 87 %          |
| Peak intensity       | 2 cd/lm       |
| LEDs/each optic      | 1             |
| Light colour/type    | White         |
| Required components: |               |



Light distribution files



|                      |               |
|----------------------|---------------|
| LED                  | NVSW219F      |
| FWHM / FWTM          | 46.0° / 68.0° |
| Efficiency           | 88 %          |
| Peak intensity       | 1.5 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour/type    | White         |
| Required components: |               |

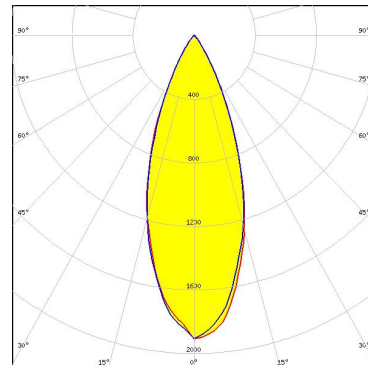


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

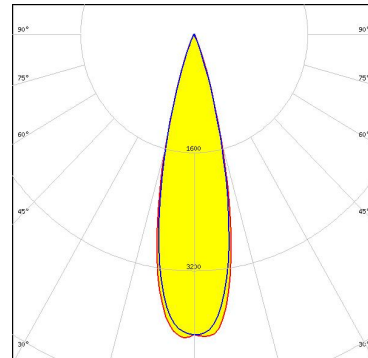
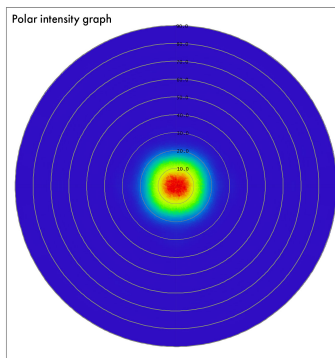
LED OSCONIQ P 3737 (3W version)  
FWHM / FWTM 38.0° / 65.0°  
Efficiency 88 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

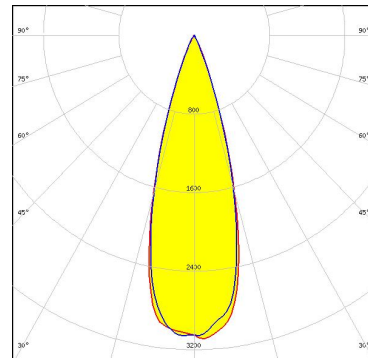
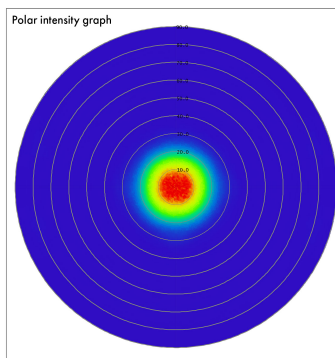
LED SFH 4715S  
FWHM / FWTM 25.0° / 40.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED SFH 4716S  
FWHM / FWTM 31.0° / 47.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:

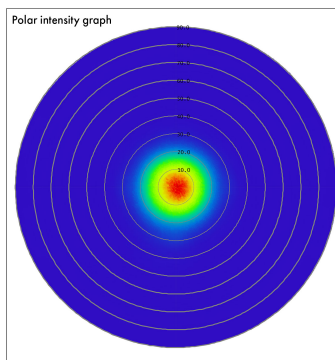


Light distribution files

## OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

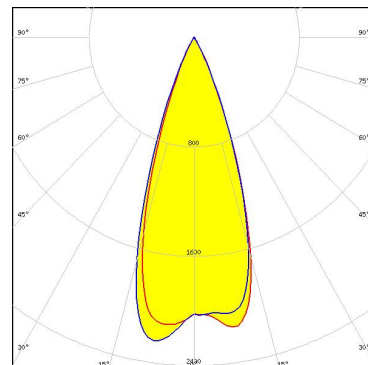
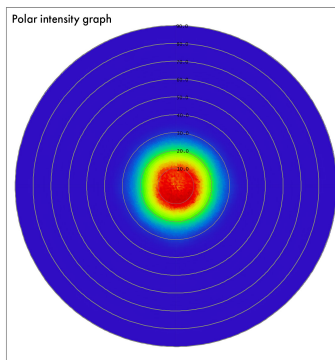
LED SFH 4770S  
FWHM / FWTM 28.0° / 46.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

**STANLEY**

LED MGN1108MS  
FWHM / FWTM 37.0° / 54.0°  
Efficiency 84 %  
LEDs/each optic 1  
Light colour/type IR  
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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