

## YASMEEN-25-FR-S

~9° ultra-narrow spot beam. Assembly with black holder for SMD LEDs and installation tape.

### SPECIFICATION:

|                |         |
|----------------|---------|
| Dimensions     | Ø 24.8  |
| Height         | 17.7 mm |
| Fastening      | tape    |
| ROHS compliant | yes ⓘ   |

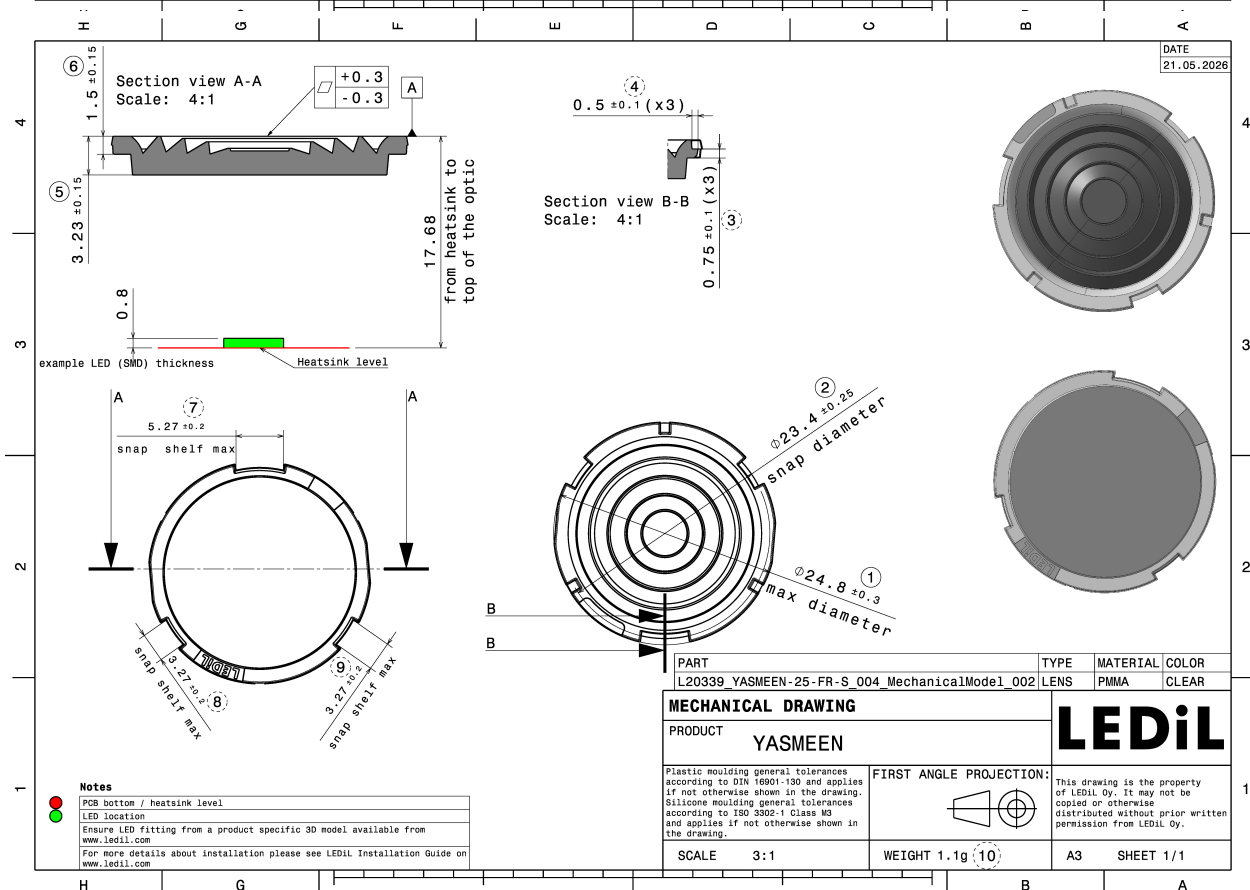


### MATERIALS:

| Component                      | Type        | Material | Colour | Finish | Length (mm) |
|--------------------------------|-------------|----------|--------|--------|-------------|
| YASMEEN-25-HLD-SMD             | Holder      | PC       | black  | gloss  |             |
| » Box size: 476 x 273 x 247 mm |             |          |        |        |             |
| YASMEEN-25-FR-S                | Single lens | PMMA     | clear  |        |             |
| » Box size: 476 x 273 x 197 mm |             |          |        |        |             |

### ORDERING INFORMATION:

| Component                 | Type        | Qty in box | MOQ | MPQ | Box weight (kg) |
|---------------------------|-------------|------------|-----|-----|-----------------|
| L20088_YASMEEN-25-HLD-SMD | Holder      | 1560       | 130 | 130 | 3.8             |
| L20339_YASMEEN-25-FR-S    | Single lens | 1560       | 130 | 130 | 3.8             |
| L20639_YASMEEN-25-TAPE    | Tape        | 1560       | 130 | 130 | 3.8             |

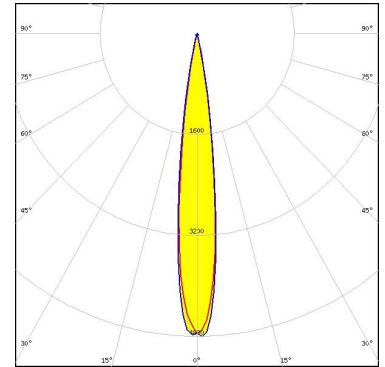


2/7

#### OPTICAL RESULTS (SIMULATED):



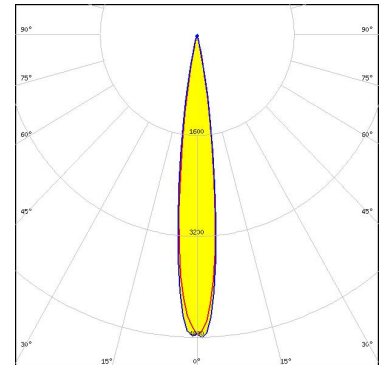
LED Bridgelux SMD 5050  
 FWHM / FWTM 14.0° / 23.0°  
 Efficiency 35 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



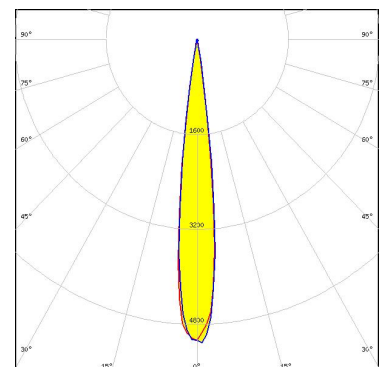
LED Bridgelux SMD 5050 (425-06C)  
 Ordering code LA20342\_YASMEEN-25-FR-S  
 FWHM / FWTM 14.0° / 22.0°  
 Efficiency 36 %  
 Peak intensity 5.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XHP35.2 HD  
 Ordering code LA20342\_YASMEEN-25-FR-S  
 FWHM / FWTM 12.0° / 20.0°  
 Efficiency 29 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

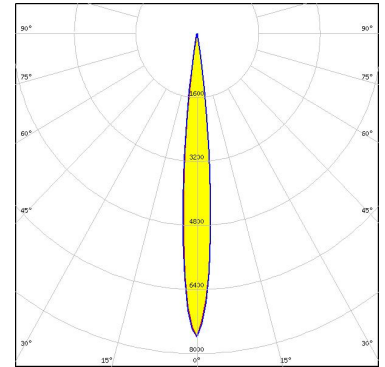


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



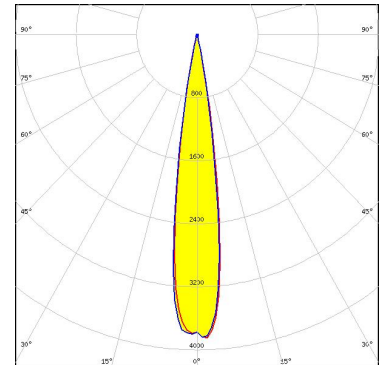
LED XHP35.2 HI  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 33 %  
Peak intensity 7.6 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



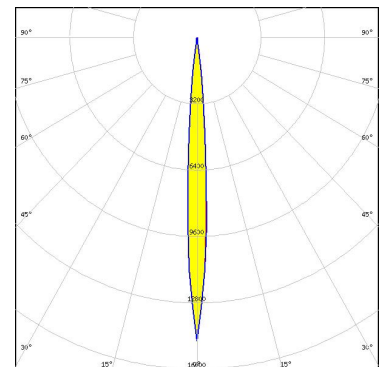
LED XHP50.2  
Ordering code LA20342\_YASMEEN-25-FR-S  
FWHM / FWTM 16.0° / 24.0°  
Efficiency 33 %  
Peak intensity 3.9 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SFT-12R-W-A  
FWHM / FWTM 8.0° / 14.0°  
Efficiency 34 %  
Peak intensity 14.7 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

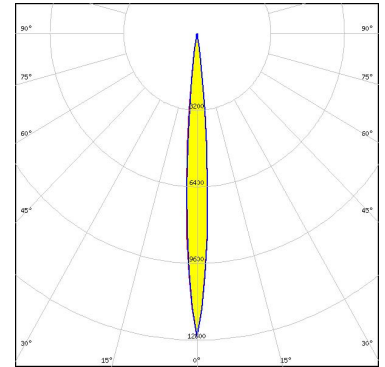


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



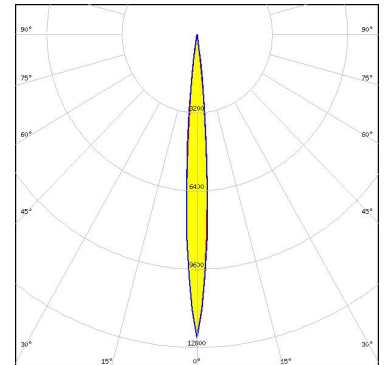
LED SFT-40 Gen2  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 35 %  
 Peak intensity 12.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



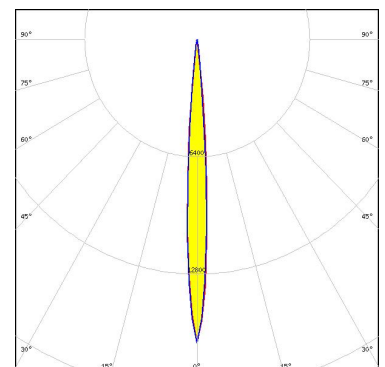
LED NVSW219F-V2  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 34 %  
 Peak intensity 12.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3  
 Ordering code LA20342\_YASMEEN-25-FR-S  
 FWHM / FWTM 8.0° / 14.0°  
 Efficiency 35 %  
 Peak intensity 16.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

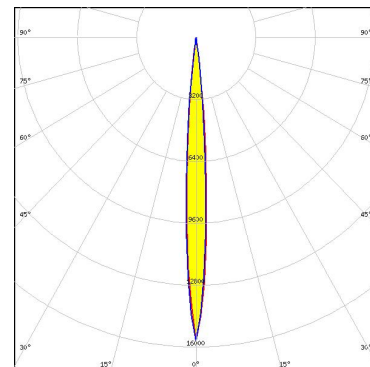


Light distribution files

## OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

|                      |                            |
|----------------------|----------------------------|
| LED                  | OSLON Square CSSRM2/CSSRM3 |
| FWHM / FWTM          | 8.0° / 14.0°               |
| Efficiency           | 37 %                       |
| Peak intensity       | 15.7 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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