

## RES-SS

~15° smooth spot beam optimized for LUXEON Rebel. Assembly with white holder.

### SPECIFICATION:

|                |             |
|----------------|-------------|
| Dimensions     | 21.6 x 21.6 |
| Height         | 12.9 mm     |
| Fastening      | tape        |
| ROHS compliant | yes ⓘ       |



### MATERIALS:

| Component                      | Type        | Material   | Colour | Finish | Length (mm) |
|--------------------------------|-------------|------------|--------|--------|-------------|
| ROSE-TAPE                      | Tape        | Acryl tape | grey   |        |             |
| ROSE-HLD-RE-WHT                | Holder      | PC         | white  |        |             |
| » Box size: 480 x 280 x 300 mm |             |            |        |        |             |
| ROSE-B-B-SS                    | Single lens | PC         | clear  |        |             |
| » Box size: 480 x 280 x 300 mm |             |            |        |        |             |

### ORDERING INFORMATION:

#### Quantities for one set:

|             |   |
|-------------|---|
| Single lens | 1 |
| Assembly    | 1 |

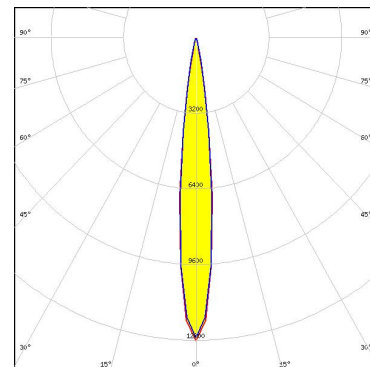
| Component               | Qty in box | MOQ | MPQ | Box weight (kg) |
|-------------------------|------------|-----|-----|-----------------|
| F10332_ROSE-B-B-SS      | 1980       | 180 | 180 | 8.0             |
| CA10554_ROSE-HLD-RE-WHT | 3240       | 180 | 180 | 7.2             |



### OPTICAL RESULTS (MEASURED):



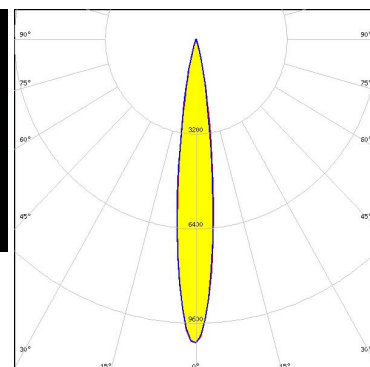
LED LUXEON Rebel  
FWHM / FWTM 13.0° / 27.0°  
Efficiency 87 %  
Peak intensity 6.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON Rebel ES  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 86 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

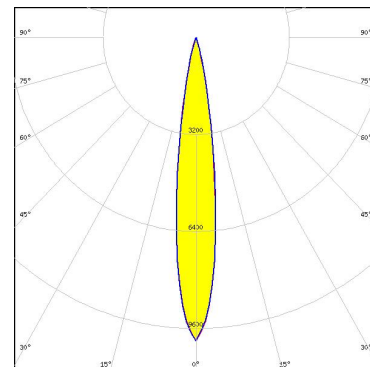


Light distribution files

### OPTICAL RESULTS (SIMULATED):



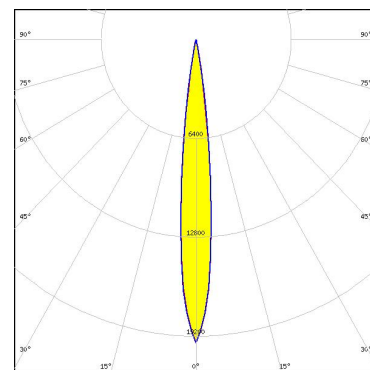
LED CSP 2323 (BXCP)  
FWHM / FWTM 16.0° / 28.0°  
Efficiency 87 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



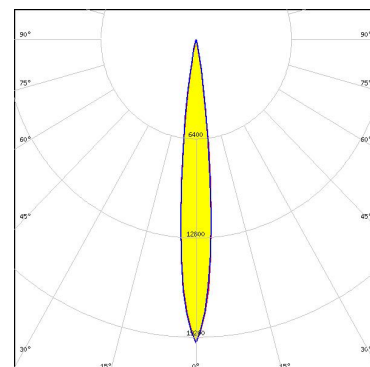
LED XQ-E HD  
FWHM / FWTM 12.0° / 20.0°  
Efficiency 93 %  
Peak intensity 19.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XQ-E HD Green  
FWHM / FWTM 12.0° / 20.0°  
Efficiency 94 %  
Peak intensity 19.6 cd/lm  
LEDs/each optic 1  
Light colour/type Green  
Required components:

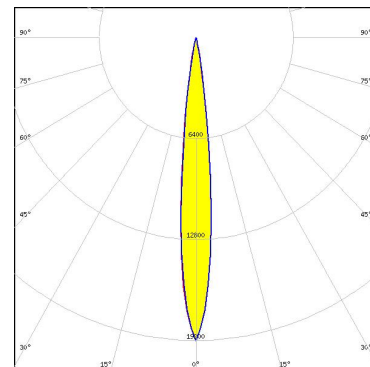


Light distribution files

### OPTICAL RESULTS (SIMULATED):



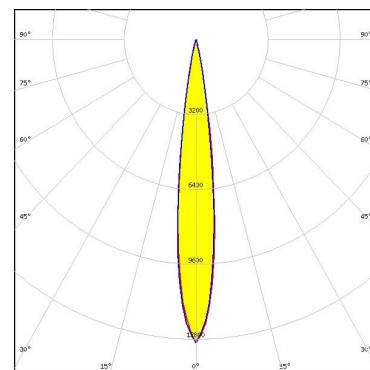
LED XQ-E HD Red  
FWHM / FWTM 12.0° / 20.0°  
Efficiency 93 %  
Peak intensity 19.2 cd/lm  
LEDs/each optic 1  
Light colour/type Red  
Required components:



Light distribution files



LED LUXEON Rebel Plus  
FWHM / FWTM 14.0° / 24.0°  
Efficiency 88 %  
Peak intensity 13 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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