

## YASMEEN-30-RS

~11° spot beam. Variant with holder.

### SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	18.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

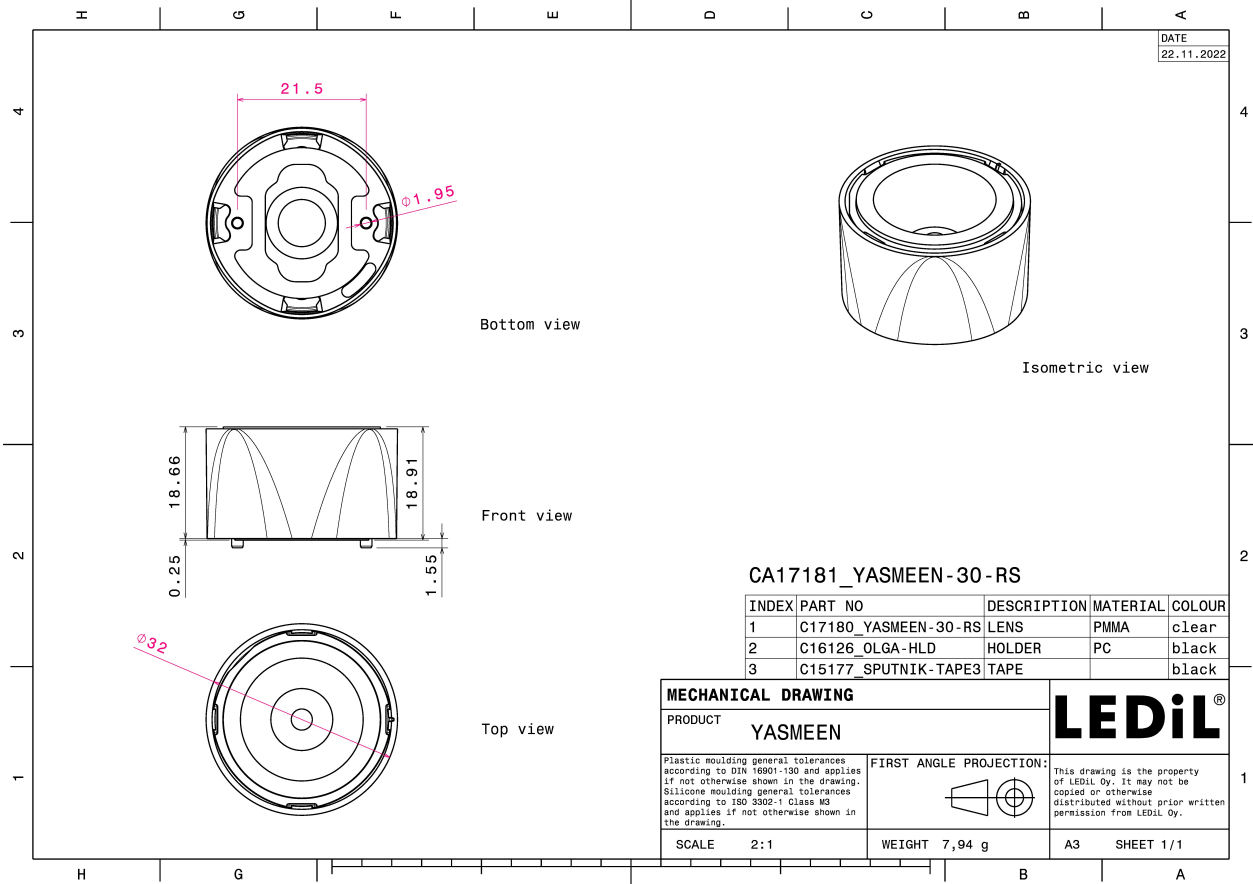
### MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-30-RS	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA17181_YASMEEN-30-RS	Single lens	792	132	66	7.7
» Box size: 480 x 280 x 300 mm					



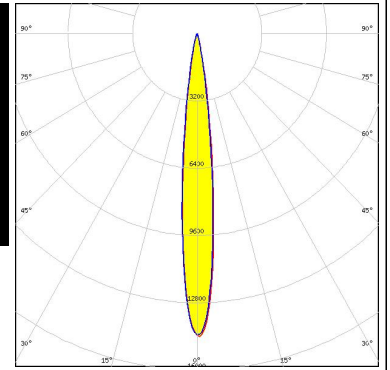
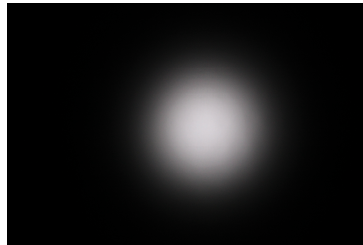


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



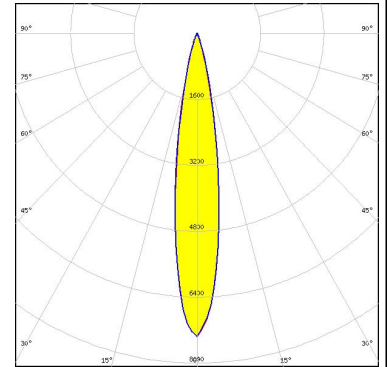
LED XHP35 HI  
FWHM / FWTM 12.0° / 23.0°  
Efficiency 88 %  
Peak intensity 14.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (SIMULATED):

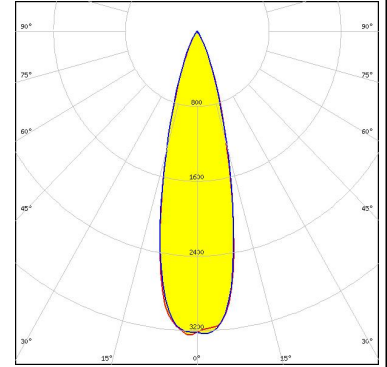
##### CREE LED

LED XHP35.2 HD  
 FWHM / FWTM 18.0° / 33.0°  
 Efficiency 86 %  
 Peak intensity 7.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



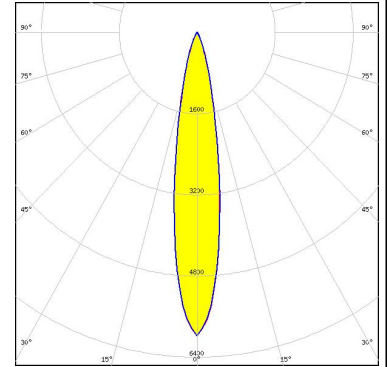
##### CREE LED

LED XHP70  
 FWHM / FWTM 26.0° / 49.0°  
 Efficiency 86 %  
 Peak intensity 3.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



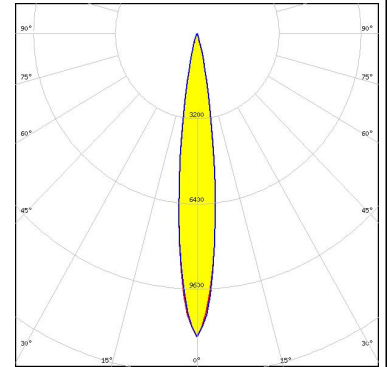
##### CREE LED

LED XHP70.3 HI  
 FWHM / FWTM 18.0° / 38.0°  
 Efficiency 87 %  
 Peak intensity 6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

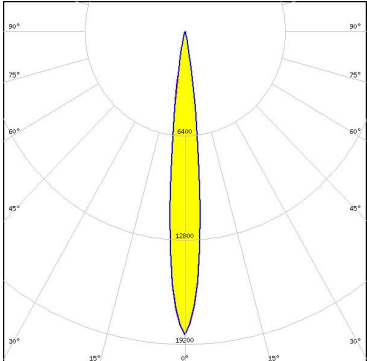
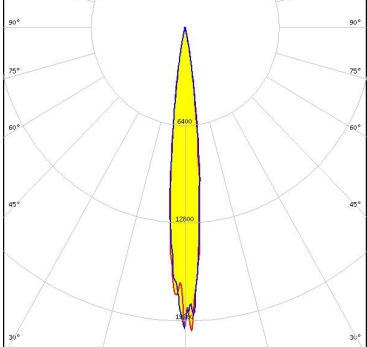
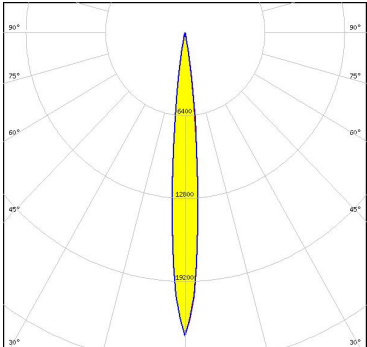
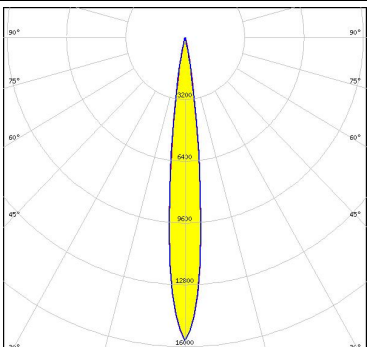


##### CREE LED

LED XM-L  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 91 %  
 Peak intensity 11.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: XP-E2            FWHM / FWTM: 12.0° / 22.0°            Efficiency: 92 %            Peak intensity: 18.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> LED</p> <p>LED: XP-G2            FWHM / FWTM: 11.4° / 20.8°            Efficiency: 92 %            Peak intensity: 22.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> LED</p> <p>LED: XP-P            FWHM / FWTM: 10.0° / 20.0°            Efficiency: 96 %            Peak intensity: 23.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON C            FWHM / FWTM: 12.0° / 22.0°            Efficiency: 86 %            Peak intensity: 15.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED: LUXEON CZ            FWHM / FWTM: 11.0° / 20.0°            Efficiency: 92 %            Peak intensity: 19.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NCSxE17A            FWHM / FWTM: 10.0° / 24.0°            Efficiency: 88 %            Peak intensity: 14.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NV4WB35AM            FWHM / FWTM: 14.0° / 30.0°            Efficiency: 91 %            Peak intensity: 10.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NV4WB35AM            FWHM / FWTM: 14.0° / 30.0°            Efficiency: 91 %            Peak intensity: 10.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

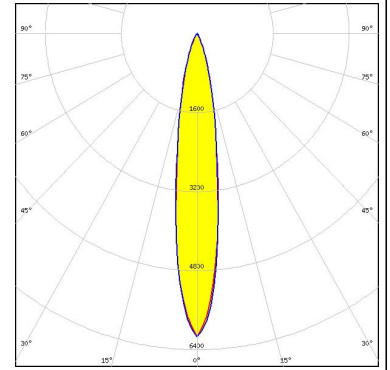
#### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NV4x144A            FWHM / FWTM: 20.0° / 38.0°            Efficiency: 88 %            Peak intensity: 5.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NVSxE21A            FWHM / FWTM: 12.0° / 28.0°            Efficiency: 89 %            Peak intensity: 12.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (3W version)            FWHM / FWTM: 14.0° / 28.0°            Efficiency: 91 %            Peak intensity: 11.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3            FWHM / FWTM: 12.0° / 24.0°            Efficiency: 91 %            Peak intensity: 15.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

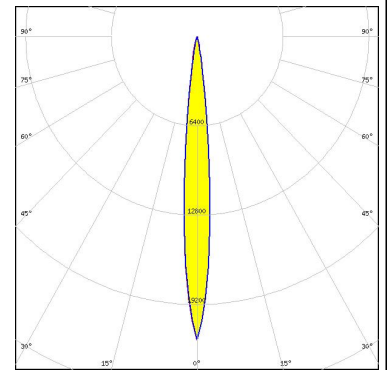
### SAMSUNG

LED LH151B  
 FWHM / FWTM 16.0° / 39.0°  
 Efficiency 88 %  
 Peak intensity 6.1 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



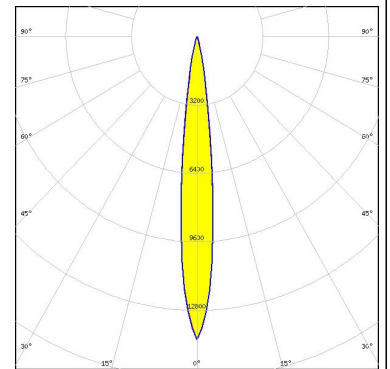
### SAMSUNG

LED LH351C  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 94 %  
 Peak intensity 21.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SAMSUNG

LED LH351D  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 92 %  
 Peak intensity 14.2 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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