

## OLGA-O

~20° + 40° oval beam. Assembly with holder and installation tape.

## SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

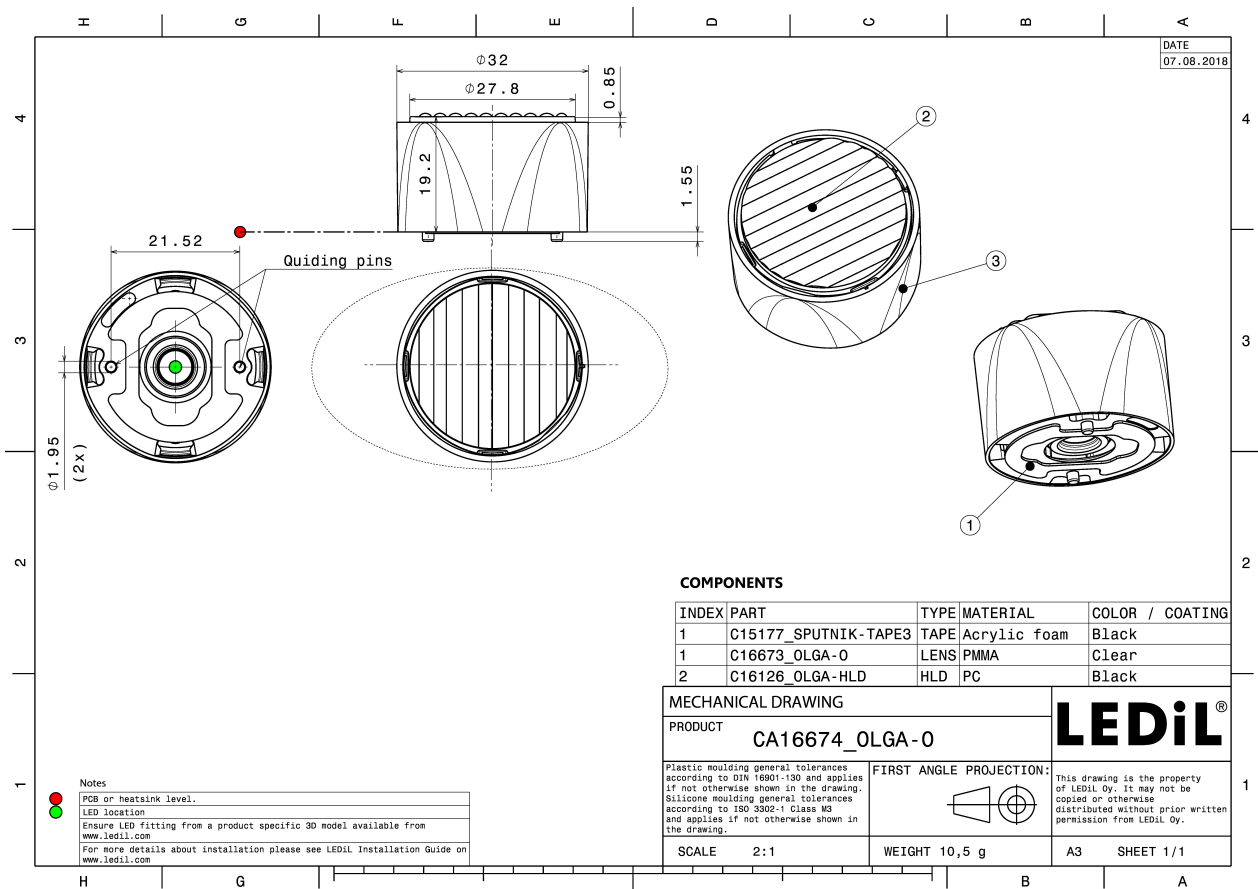
## MATERIALS:

Component	Type	Material	Colour	Finish
OLGA-O	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)
CA16674_OLGA-O	Single lens	792	132	66	9.8
» Box size: 476 x 273 x 292 mm					



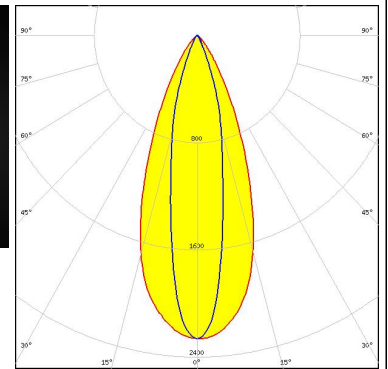
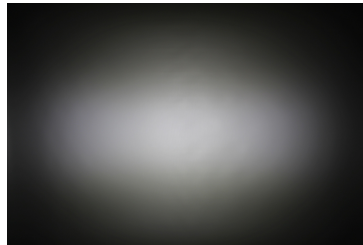


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

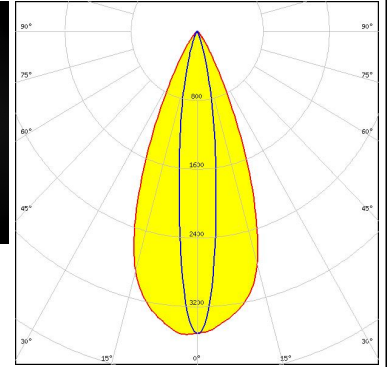
#### CREE LED

LED XHP50.2  
FWHM / FWTM 42.0 + 21.0° / 72.0 + 47.0°  
Efficiency 79 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



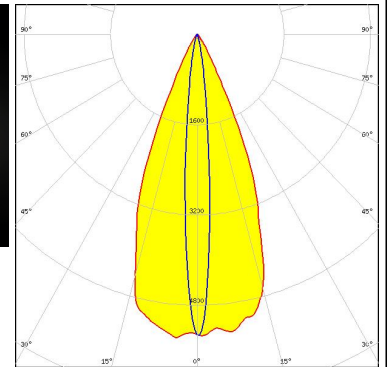
#### CREE LED

LED XM-L3  
FWHM / FWTM 43.0 + 15.0° / 65.0 + 34.0°  
Efficiency 86 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



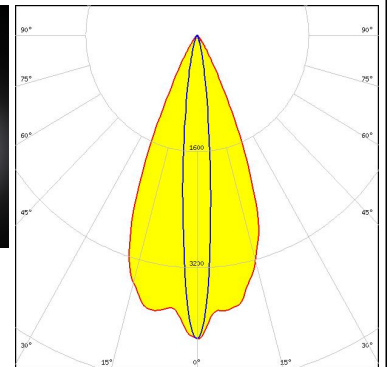
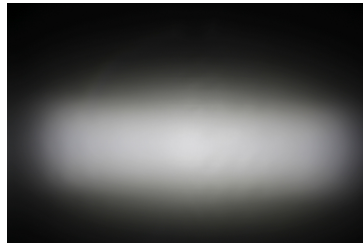
#### CREE LED

LED XP-E2  
FWHM / FWTM 44.0 + 10.0° / 60.0 + 23.0°  
Efficiency 88 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE LED

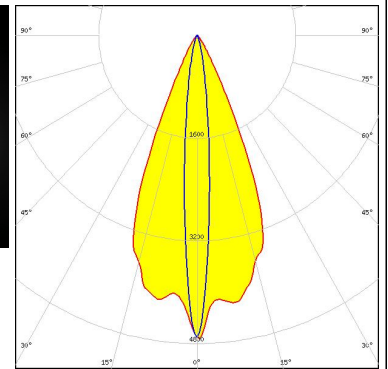
LED XQ-E HD  
FWHM / FWTM 44.0 + 11.0° / 62.0 + 26.0°  
Efficiency 80 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



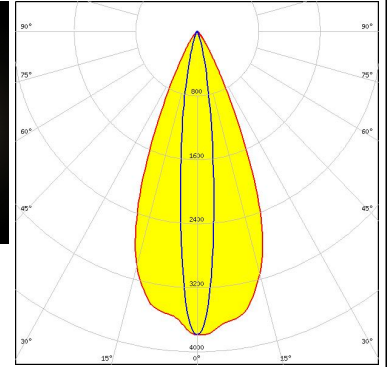
### OPTICAL RESULTS (MEASURED):



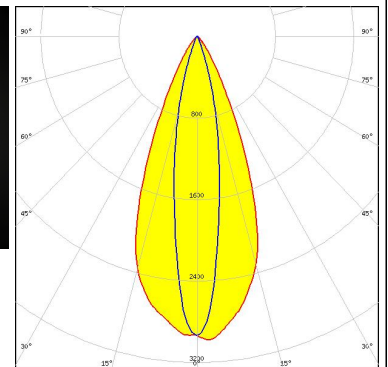
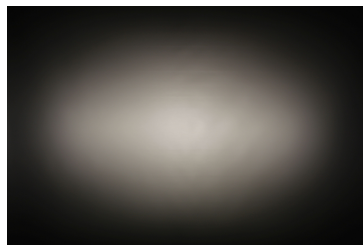
LED XQ-E HI  
FWHM / FWTM 44.0 + 10.0° / 60.0 + 25.0°  
Efficiency 85 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



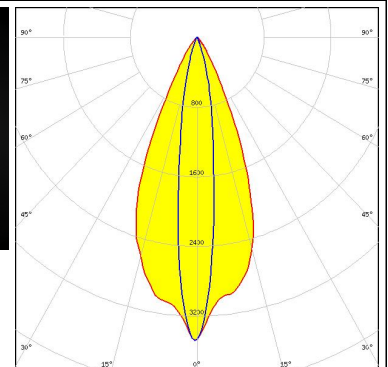
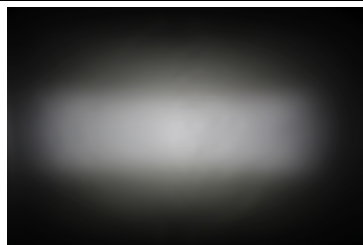
LED XT-E  
FWHM / FWTM 44.0 + 13.0° / 65.0 + 30.0°  
Efficiency 84 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON MZ  
FWHM / FWTM 43.0 + 18.0° / 67.0 + 39.0°  
Efficiency 86 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NCSxE17A  
FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°  
Efficiency 84 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

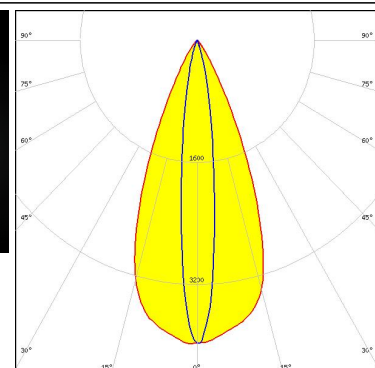
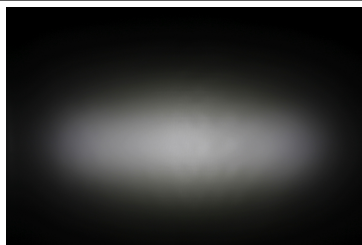




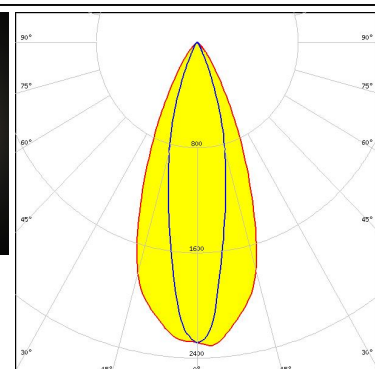
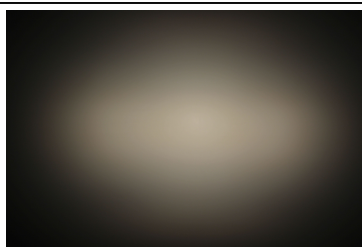
### OPTICAL RESULTS (MEASURED):



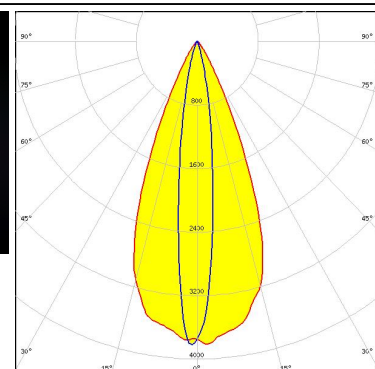
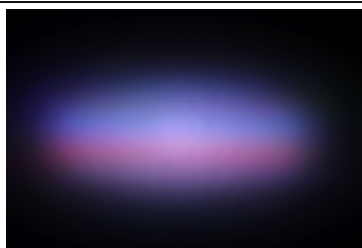
LED NVSW319B  
FWHM / FWTM 44.0 + 13.0° / 64.0 + 30.0°  
Efficiency 88 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



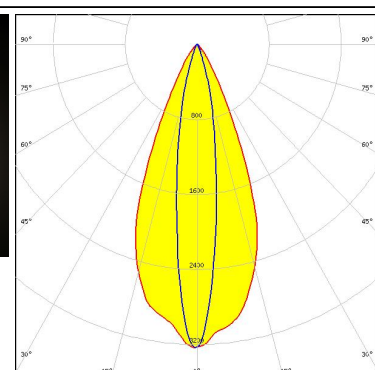
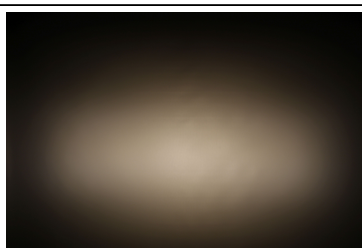
LED Duris S8  
FWHM / FWTM 43.0 + 23.0° / 72.0 + 49.0°  
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSTAR Stage (S2WN)  
FWHM / FWTM 44.0 + 14.0° / 64.0 + 30.0°  
Efficiency 87 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour RGBW  
Required components:



LED LH231B  
FWHM / FWTM 44.0 + 16.0° / 67.0 + 37.0°  
Efficiency 86 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



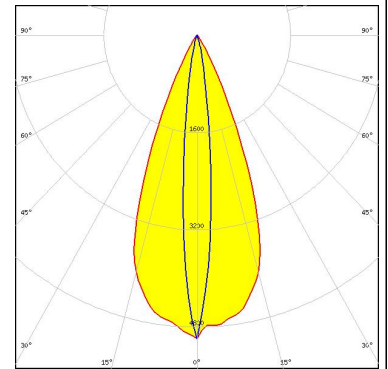
## OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED WICOP 5050</p> <p>FWHM / FWTM 41.0 + 21.0° / 72.0 + 45.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

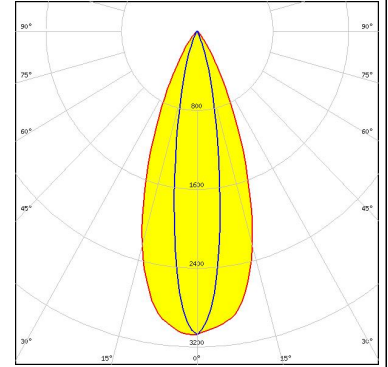
### OPTICAL RESULTS (SIMULATED):



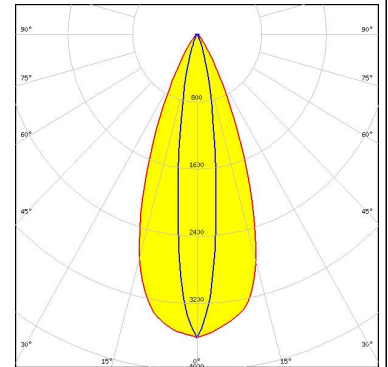
LED XHP35 HI  
FWHM / FWTM 11.0 + 42.0°  
Efficiency 90 %  
Peak intensity 5 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



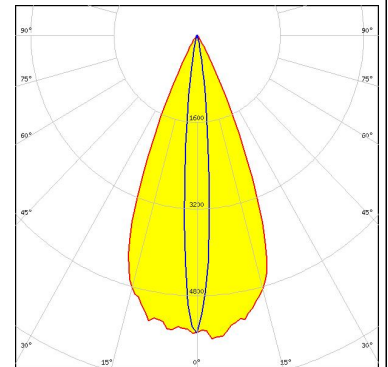
LED XHP50.3 HD  
FWHM / FWTM 40.0 + 18.0° / 67.0 + 38.0°  
Efficiency 87 %  
Peak intensity 3.1 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP50.3 HI  
FWHM / FWTM 42.0 + 14.0° / 65.0 + 34.0°  
Efficiency 95 %  
Peak intensity 3.6 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



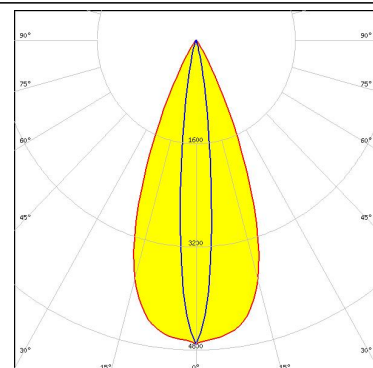
LED XP-G2  
FWHM / FWTM 9.5 + 42.0°  
Efficiency 90 %  
Peak intensity 5.5 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



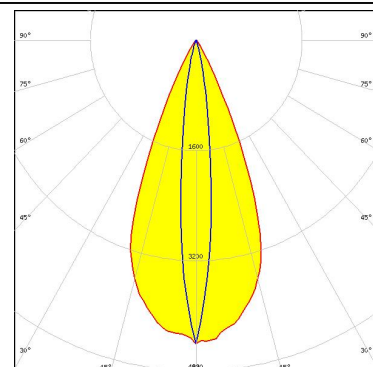
### OPTICAL RESULTS (SIMULATED):



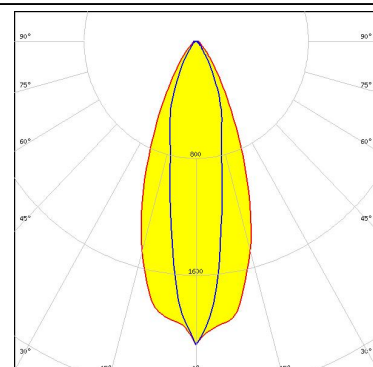
LED XP-G2 HE  
FWHM / FWTM 42.0 + 12.0° / 60.0 + 26.0°  
Efficiency 91 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



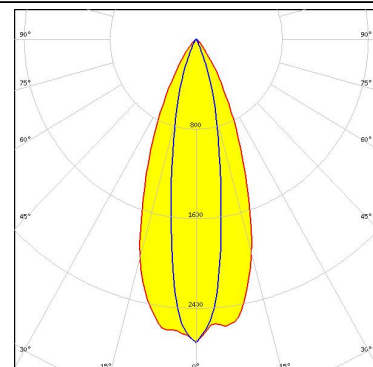
LED XP-L HI  
FWHM / FWTM 12.0 + 42.0°  
Efficiency 88 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON 7070  
FWHM / FWTM 42.0 + 20.0° / 76.0 + 60.0°  
Efficiency 92 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



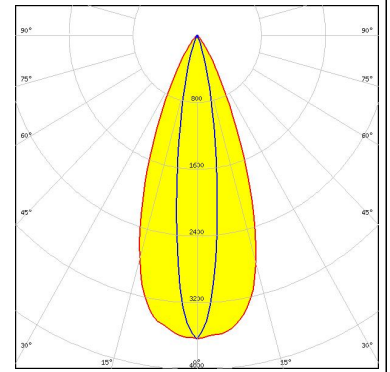
LED LUXEON M/MX  
FWHM / FWTM 20.0 + 40.0°  
Efficiency 86 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



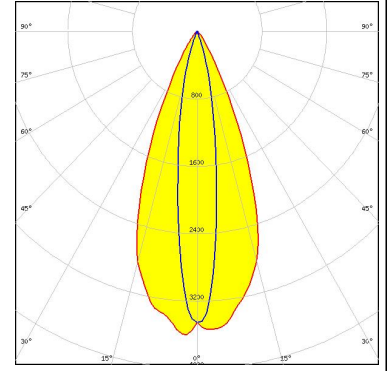
### OPTICAL RESULTS (SIMULATED):



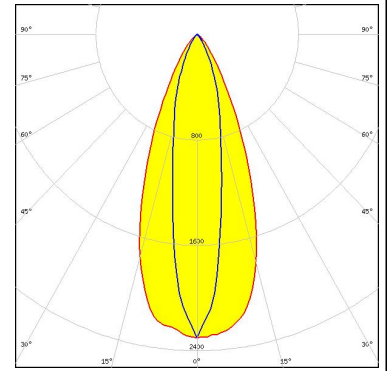
LED SST-70X-WCS  
FWHM / FWTM 41.0 + 16.0° / 65.0 + 34.0°  
Efficiency 90 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



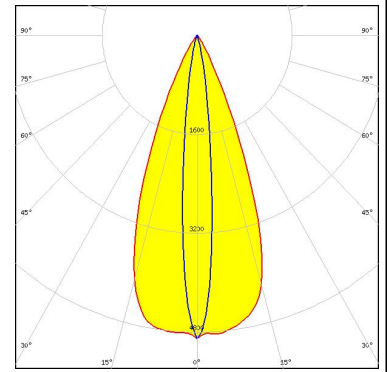
LED NV4WB35AM  
FWHM / FWTM 42.0 + 16.0° / 64.0 + 36.0°  
Efficiency 90 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris S10  
FWHM / FWTM 42.0 + 20.0° / 72.0 + 54.0°  
Efficiency 86 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM 42.0 + 12.0° / 61.0 + 24.0°  
Efficiency 90 %  
Peak intensity 4.9 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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