

## OLGA-O

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

### TECHNICAL SPECIFICATIONS:

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

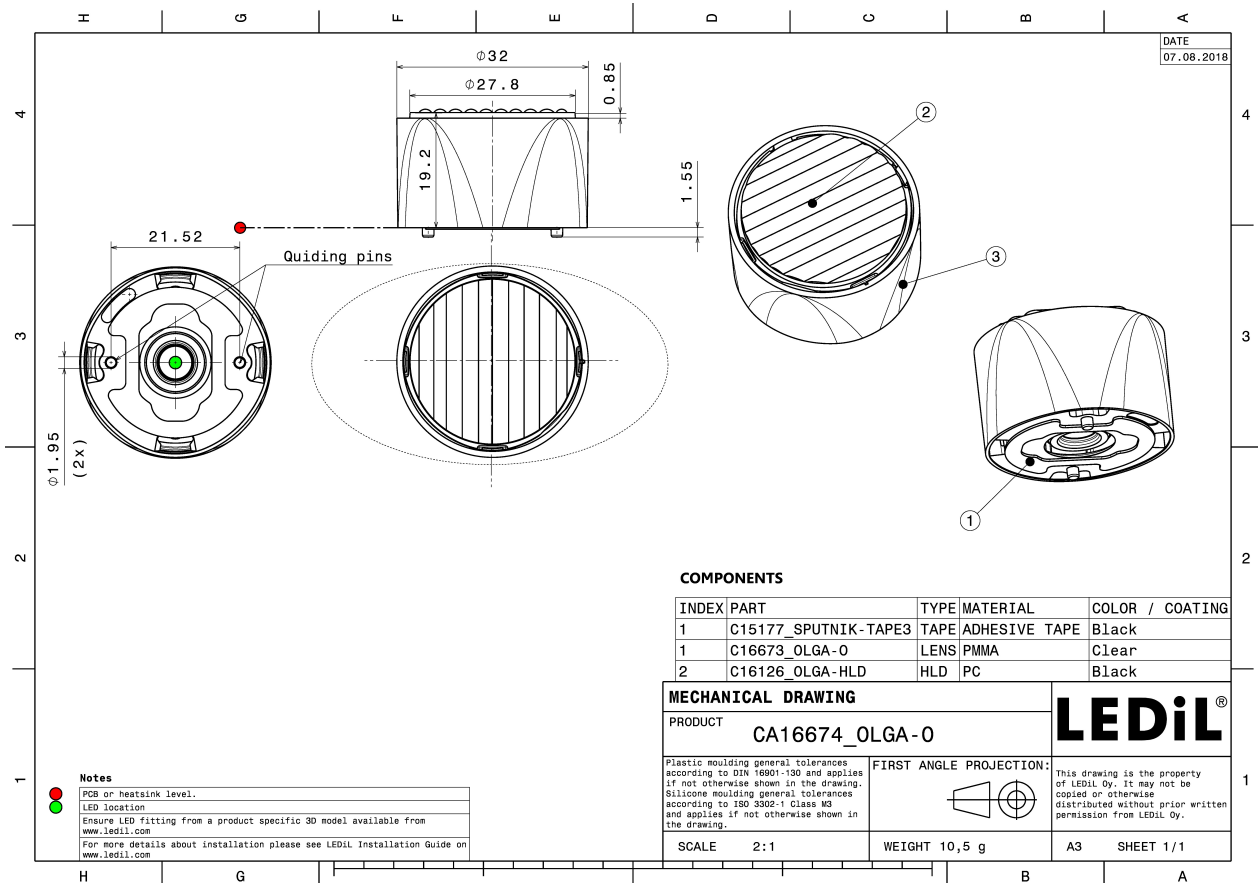
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
OLGA-O	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	PU tape	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					

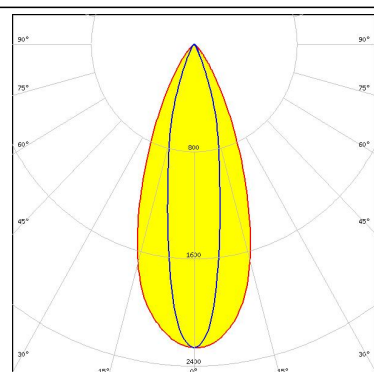
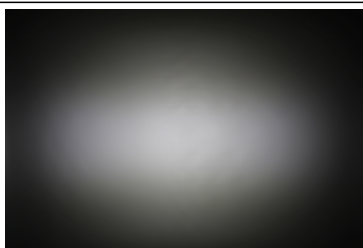




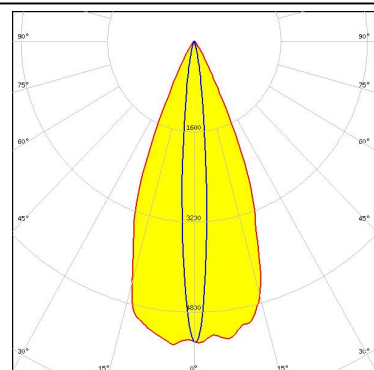
### PHOTOMETRIC DATA (MEASURED):



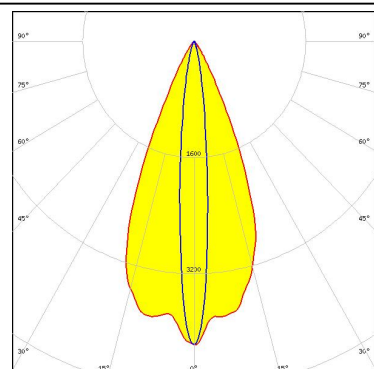
LED XHP50.2  
FWHM 42.0 + 21.0°  
Efficiency 79 %  
Peak intensity 2.3 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



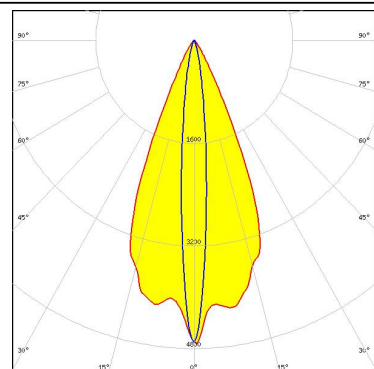
LED XP-E2  
FWHM 44.0 + 10.0°  
Efficiency 88 %  
Peak intensity 5.4 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



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



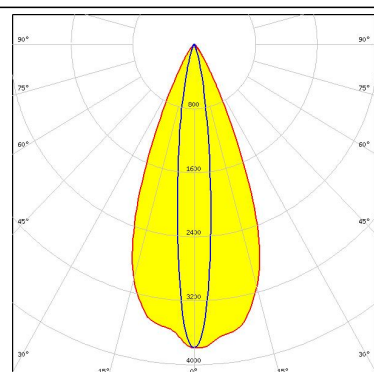
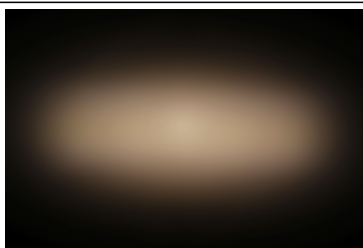
LED XQ-E HI  
FWHM 44.0 + 10.0°  
Efficiency 85 %  
Peak intensity 4.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



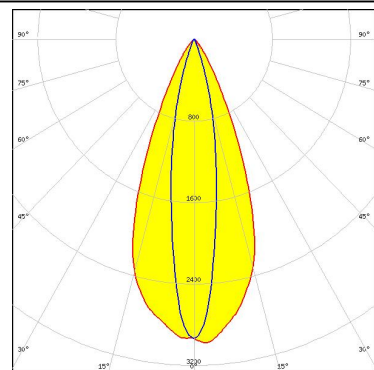
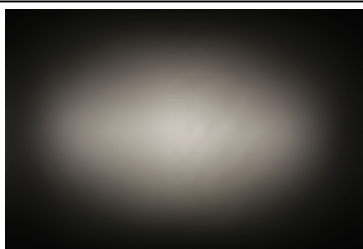
### PHOTOMETRIC DATA (MEASURED):



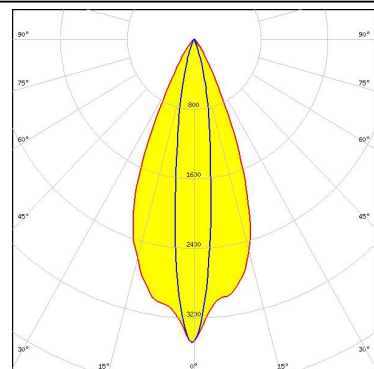
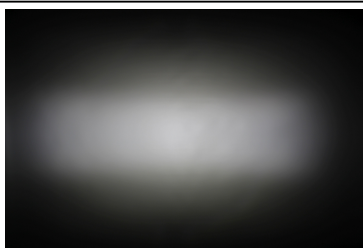
LED XT-E  
FWHM 44.0 + 13.0°  
Efficiency 84 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



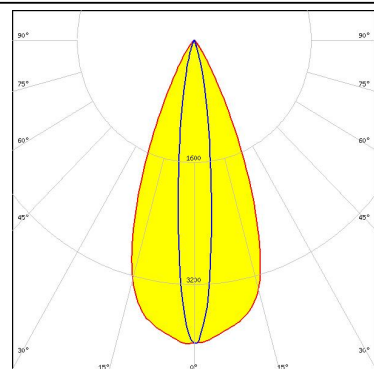
LED LUXEON MZ  
FWHM 43.0 + 18.0°  
Efficiency 86 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



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



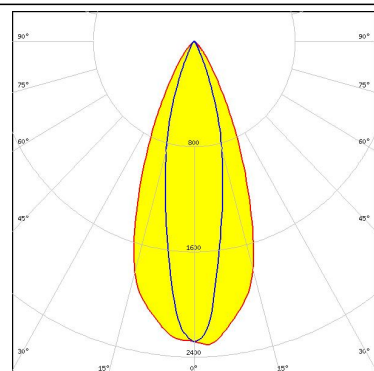
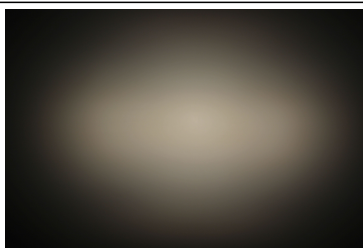


### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

Opto Semiconductors

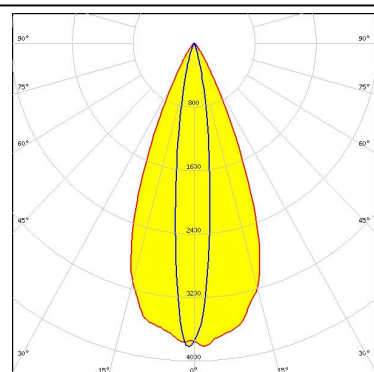
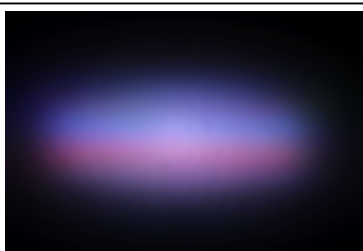
LED Duris S8  
FWHM  $43.0 + 23.0^\circ$   
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM

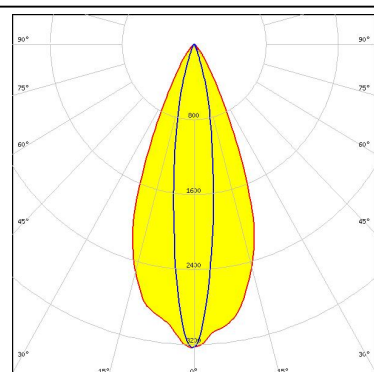
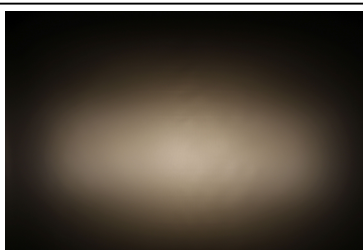
Opto Semiconductors

LED OSTAR Stage (S2WN)  
FWHM  $44.0 + 14.0^\circ$   
Efficiency 87 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour RGBW  
Required components:



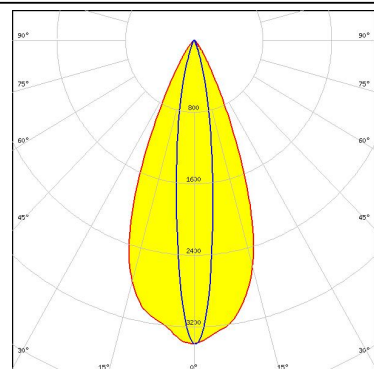
#### SAMSUNG

LED LH231B  
FWHM  $44.0 + 16.0^\circ$   
Efficiency 86 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

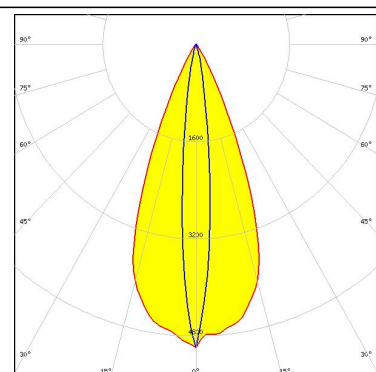
LED Z5M3  
FWHM  $43.0 + 14.0^\circ$   
Efficiency 84 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



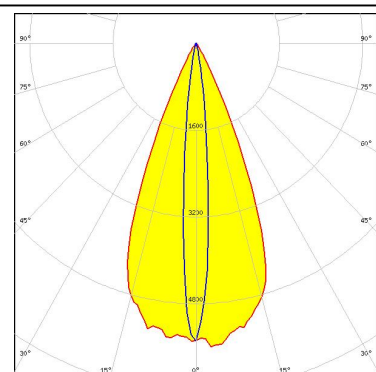
### PHOTOMETRIC DATA (SIMULATED):



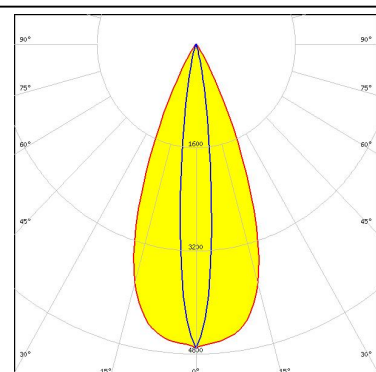
LED XHP35 HI  
FWHM 11.0 + 42.0°  
Efficiency 90 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



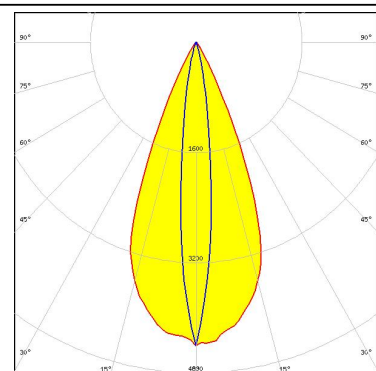
LED XP-G2  
FWHM 9.5 + 42.0°  
Efficiency 90 %  
Peak intensity 5.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



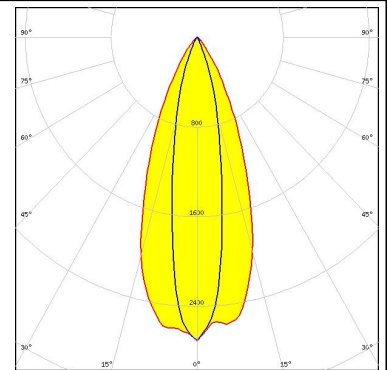
LED XP-L HI  
FWHM 12.0 + 42.0°  
Efficiency 88 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



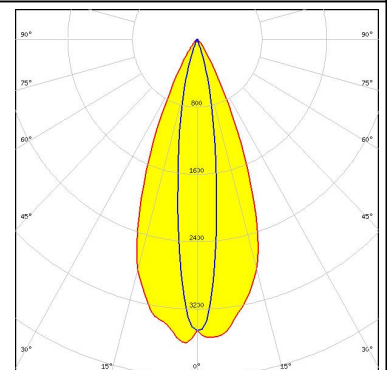
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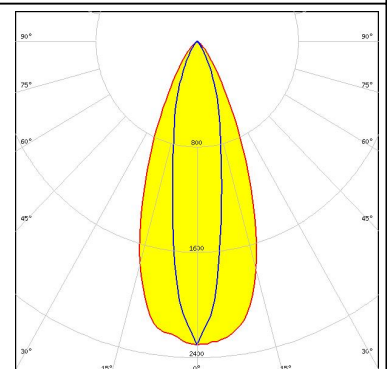
LED LUXEON M/MX  
FWHM 20.0 + 40.0°  
Efficiency 86 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



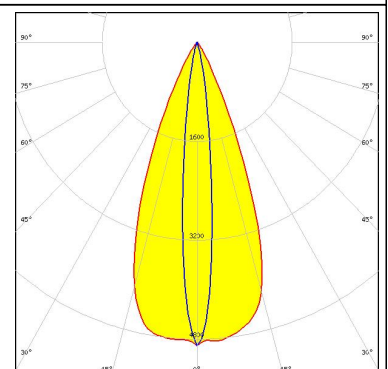
LED NV4WB35AM  
FWHM 42.0 + 16.0°  
Efficiency 90 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



LED OSLOM Square CSSRM2/CSSRM3  
FWHM 42.0 + 12.0°  
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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