

## 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 ⓘ

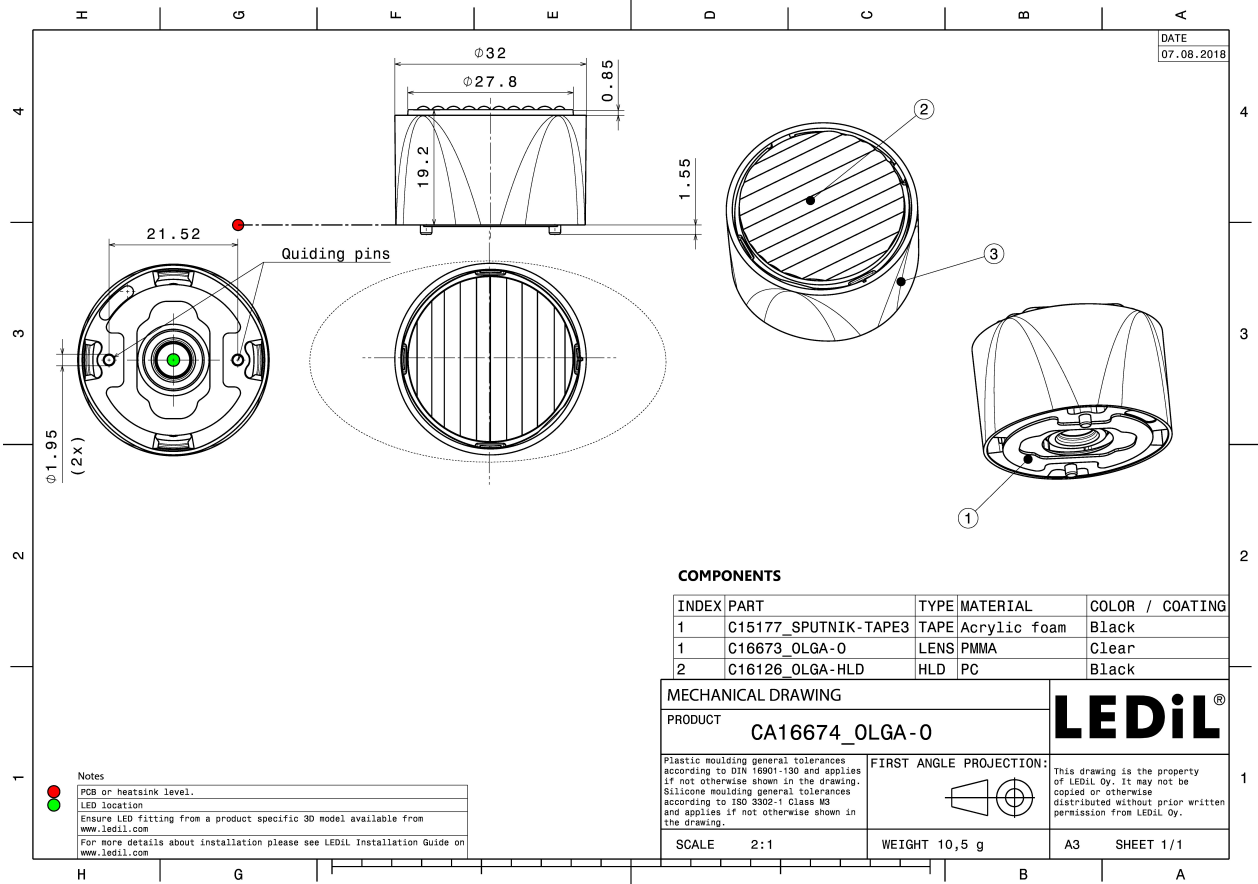
### MATERIAL SPECIFICATIONS:

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					



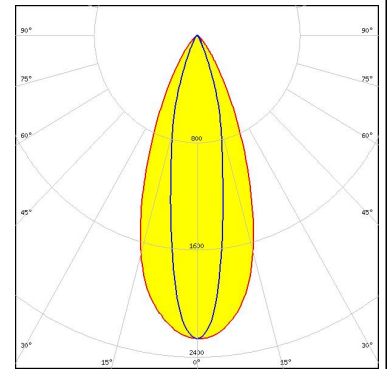
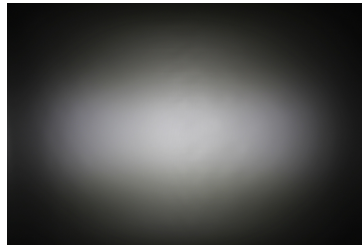


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

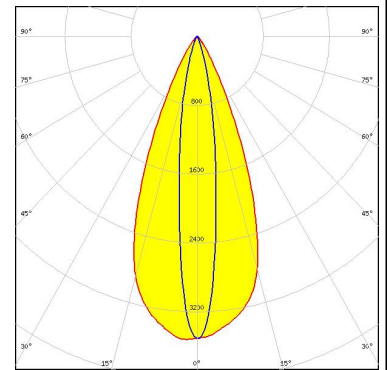
#### CREE

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



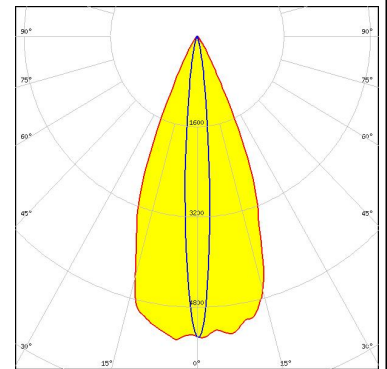
#### CREE

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



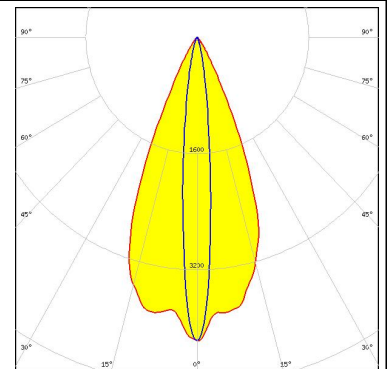
#### CREE

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



#### CREE

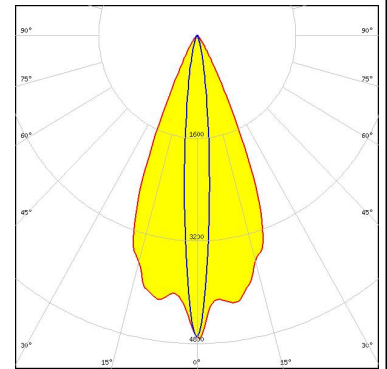
LED XQ-E HD  
FWHM 44.0 + 11.0°  
Efficiency 80 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

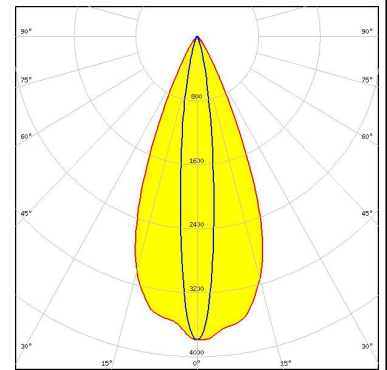
#### CREE

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



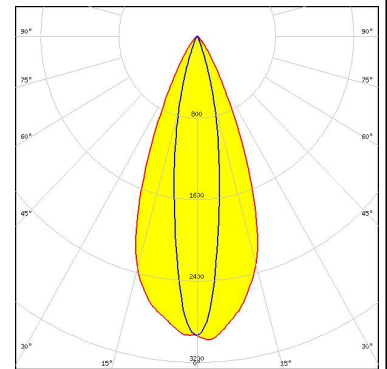
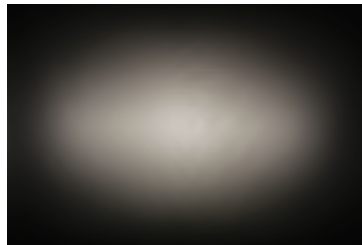
#### CREE

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:



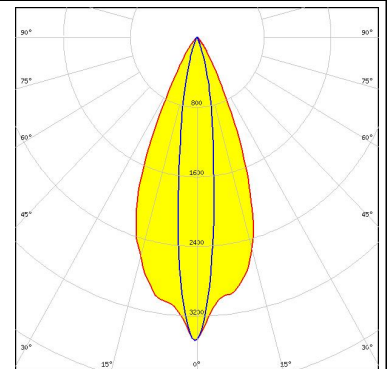
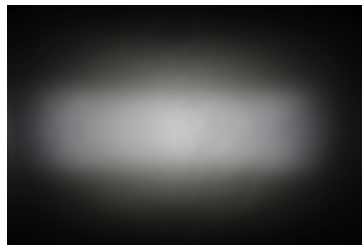
#### LUMILEDS

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


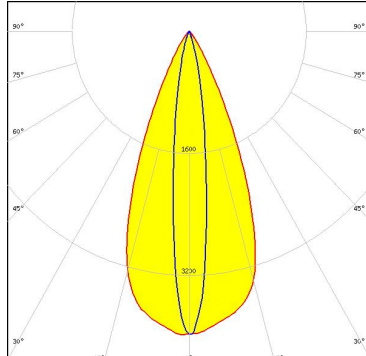

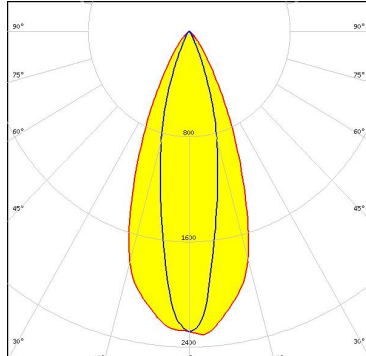

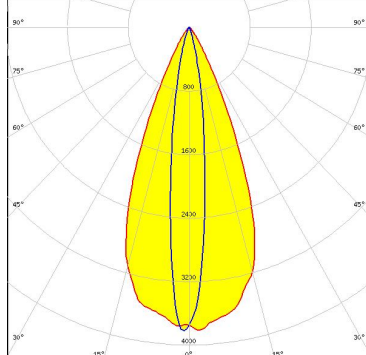
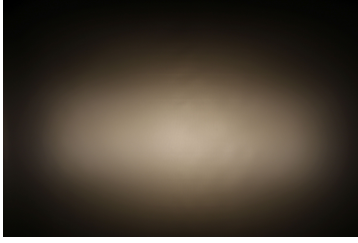
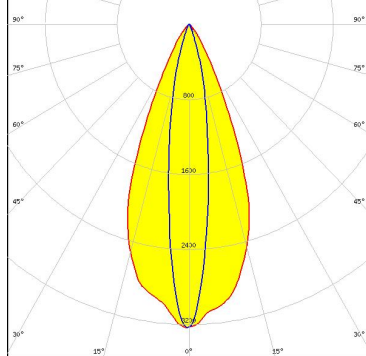


#### NICHIA

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



### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW319B            FWHM 44.0 + 13.0°            Efficiency 88 %            Peak intensity 4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8            FWHM 43.0 + 23.0°            Efficiency 85 %            Peak intensity 2.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSTAR Stage (S2WN)            FWHM 44.0 + 14.0°            Efficiency 87 %            Peak intensity 3.9 cd/lm            LEDs/each optic 1            Light colour RGBW            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED LH231B            FWHM 44.0 + 16.0°            Efficiency 86 %            Peak intensity 3.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

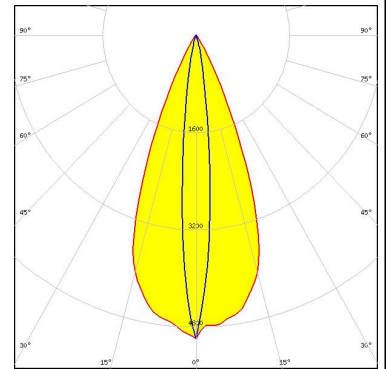
## PHOTOMETRIC DATA (MEASURED):



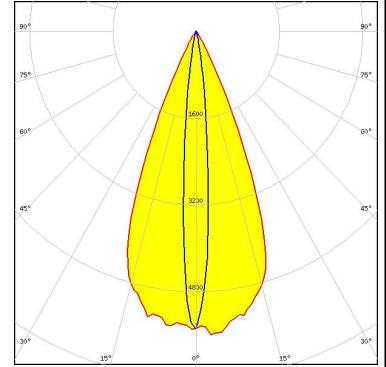
### PHOTOMETRIC DATA (SIMULATED):



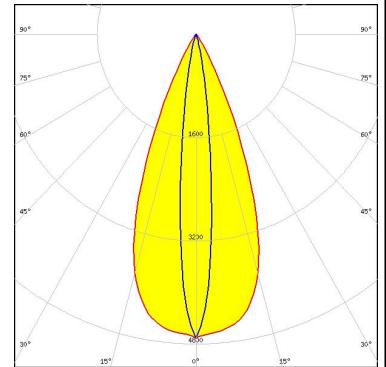
LED XHP35 HI  
 FWHM 11.0 + 42.0°  
 Efficiency 90 %  
 Peak intensity 5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



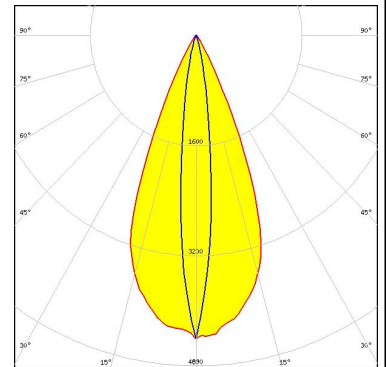
LED XP-G2  
 FWHM 9.5 + 42.0°  
 Efficiency 90 %  
 Peak intensity 5.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>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:</p>	
<p><b>NICHIA</b></p> <p>LED NV4WB35AM            FWHM 42.0 + 16.0°            Efficiency 90 %            Peak intensity 3.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>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:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>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:</p>	



### 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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