

## VICTORIA-MINI-W

~60° wide beam. Ingress protected version.

### SPECIFICATION:

Dimensions	Ø 180.0 mm
Height	10.8 mm
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

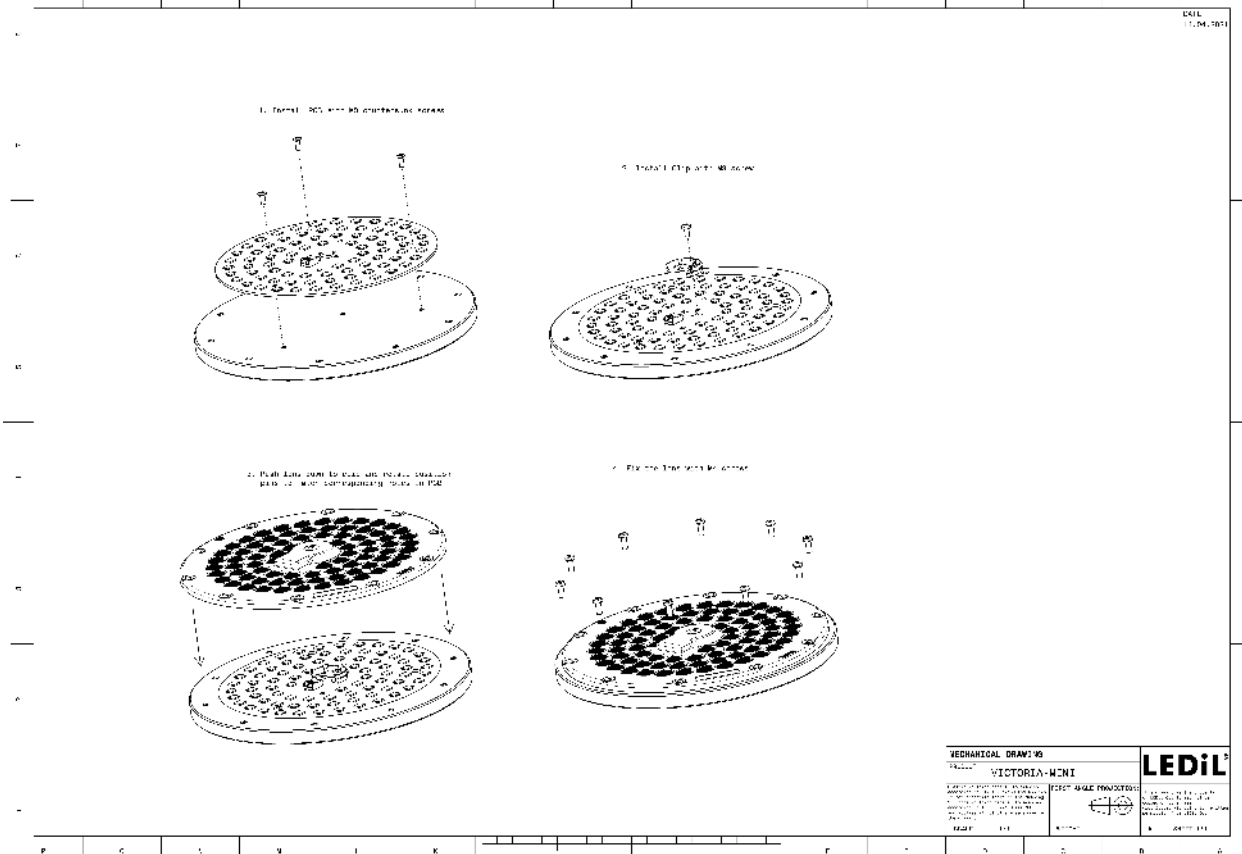
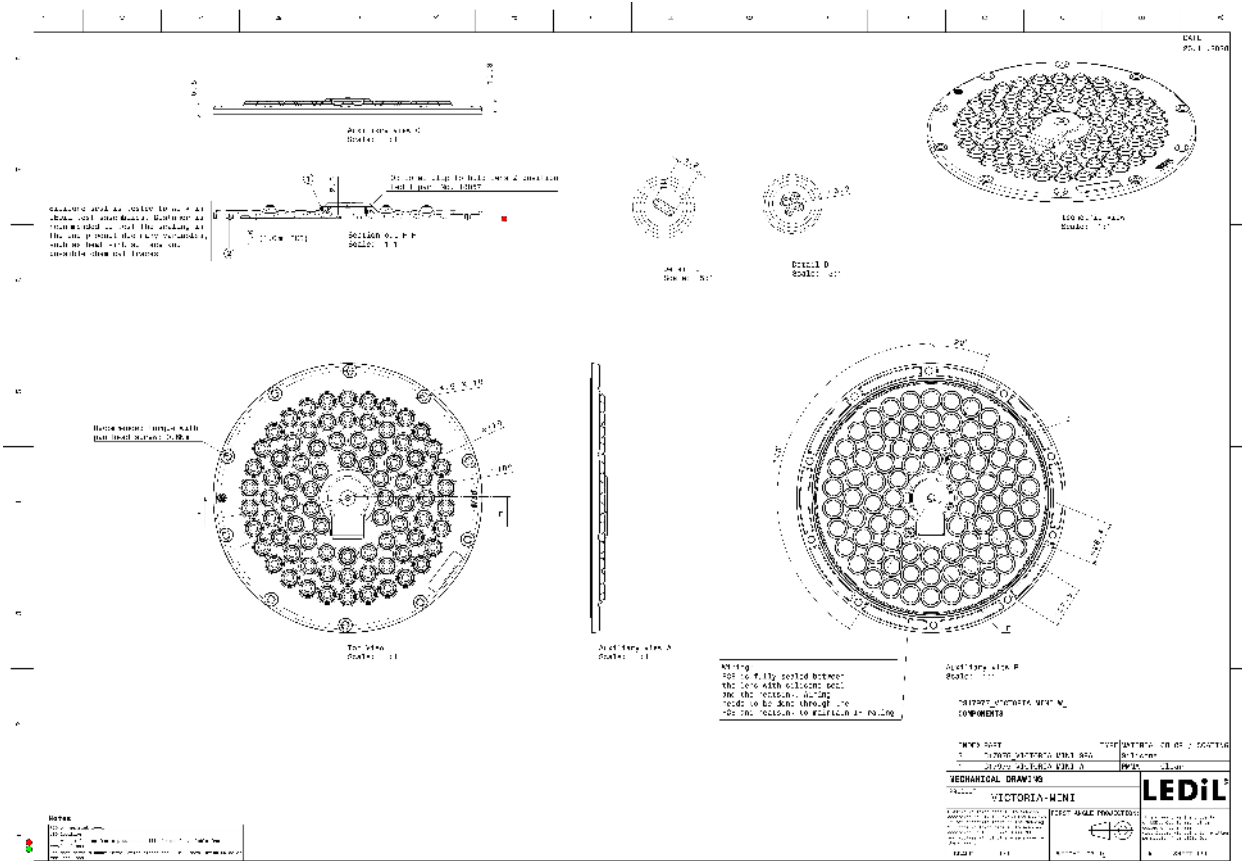
### MATERIALS:

Component	Type	Material	Colour	Finish
VICTORIA-MINI-W	Multi-lens	PMMA	clear	gloss
VICTORIA-MINI-SEAL	Seal	Silicone		



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS17977_VICTORIA-MINI-W » Box size: 400 x 400 x 275 mm	92	92	4	9.9

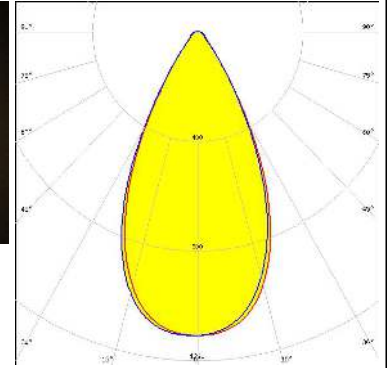


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

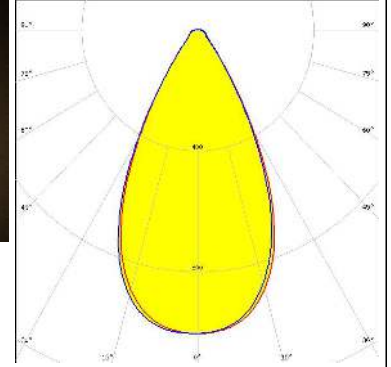
#### OPTICAL RESULTS (MEASURED):



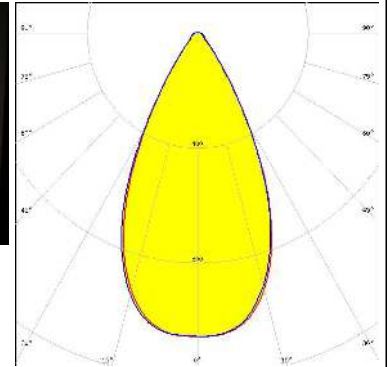
LED J Series 5050 Round LES  
 FWHM / FWTM 53.0° / 81.0°  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C18057\_VICTORIA-MINI-CLIP



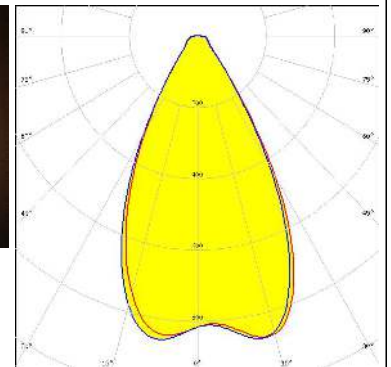
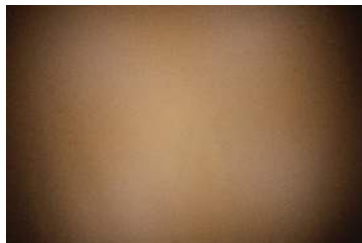
LED J Series 5050 Square LES 6V  
 FWHM / FWTM 55.0° / 83.0°  
 Efficiency 93 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C18057\_VICTORIA-MINI-CLIP



LED LUXEON 5050 Square LES  
 FWHM / FWTM 53.0° / 80.0°  
 Efficiency 91 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C18057\_VICTORIA-MINI-CLIP



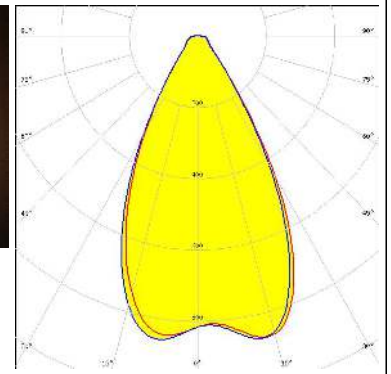
LED RdLED 150mm 7000lm 8x0 120V VICTORIA-MINI  
 FWHM / FWTM 56.0° / 86.0°  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 C18057\_VICTORIA-MINI-CLIP



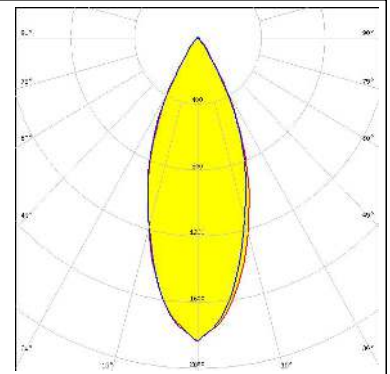
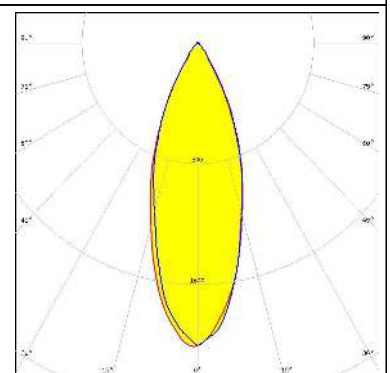
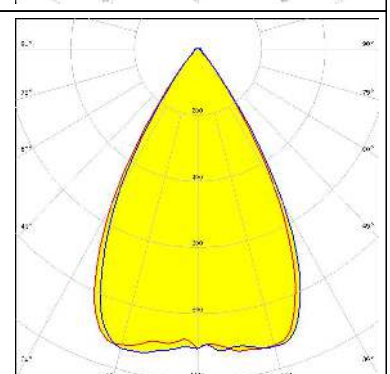
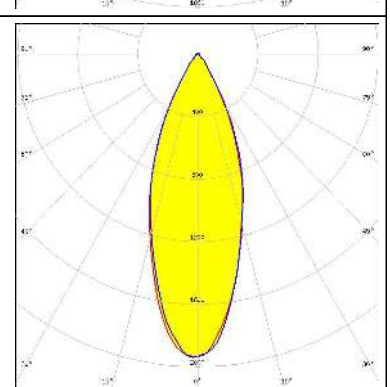
#### OPTICAL RESULTS (MEASURED):

### SAMSUNG

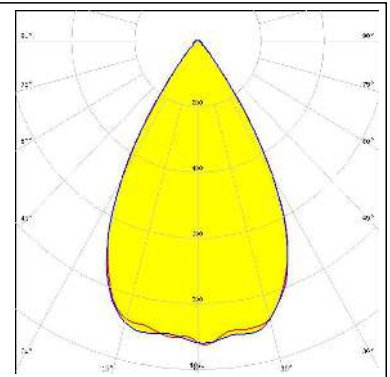
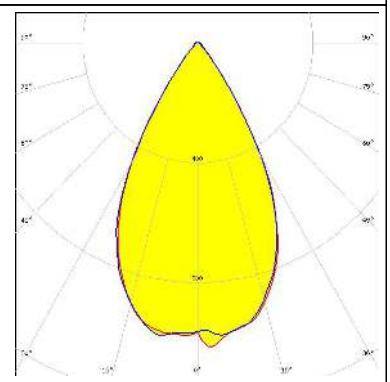
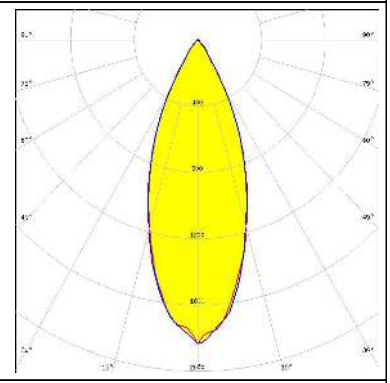
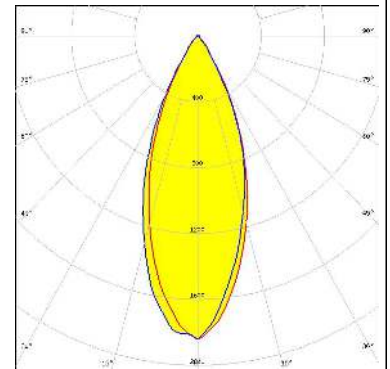
LED LM28xB Series  
FWHM / FWTM 56.0° / 86.0°  
Efficiency 91 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:  
C18057\_VICTORIA-MINI-CLIP



#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED J Series 2835            FWHM / FWTM 40.0° / 67.0°            Efficiency 94 %            Peak intensity 1.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line            FWHM / FWTM 37.0° / 66.0°            Efficiency 93 %            Peak intensity 2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line            FWHM / FWTM 61.0° / 81.0°            Efficiency 90 %            Peak intensity 0.9 cd/lm            LEDs/each optic 2            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Duris E 2835            FWHM / FWTM 37.0° / 66.0°            Efficiency 94 %            Peak intensity 2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

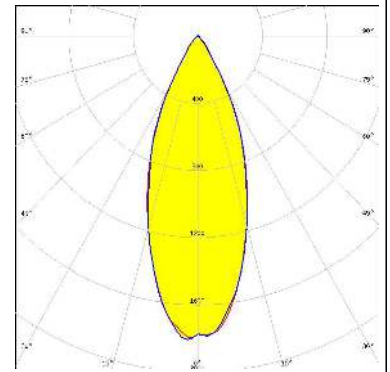
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 60.0° / 81.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ S 5050</p> <p>FWHM / FWTM 58.0° / 80.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LM28xB Series</p> <p>FWHM / FWTM 39.0° / 66.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LM28xB Series</p> <p>FWHM / FWTM 40.0° / 67.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	




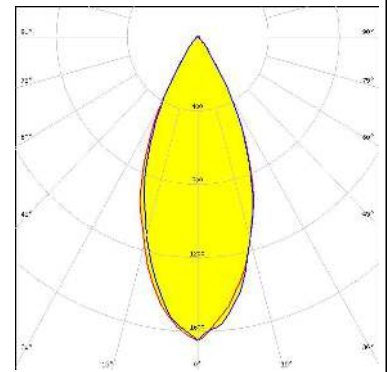
#### OPTICAL RESULTS (SIMULATED):


### SAMSUNG

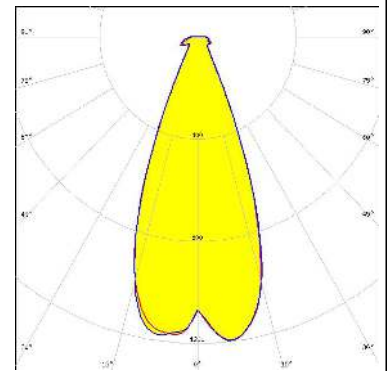
LED LM301B  
 FWHM / FWTM 39.0° / 66.0°  
 Efficiency 90 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




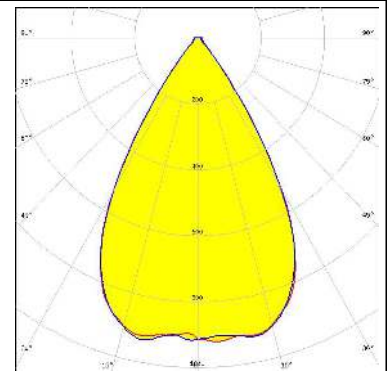
 SEOULED  
 LED SEOUL DC 3528  
 FWHM / FWTM 44.0° / 70.0°  
 Efficiency 94 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



 SEOULED  
 LED SEOUL DC 3528  
 FWHM / FWTM 42.0° / 70.0°  
 Efficiency 94 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



 SEOULED  
 LED SEOUL DC 3528  
 FWHM / FWTM 62.0° / 82.0°  
 Efficiency 92 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):





### 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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