

## VICTORIA-IP-W

~60° wide beam. Ingress protected version.

### SPECIFICATION:

Dimensions	Ø 300.0 mm
Height	18.1 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

### MATERIALS:

Component	Type	Material	Colour	Finish
VICTORIA-W	Multi-lens	PMMA	clear	
VICTORIA-O-RING	Seal	Silicone	milky	
VICTORIA-SEAL	Seal	Silicone	clear	


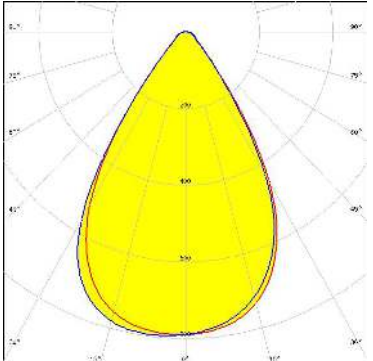

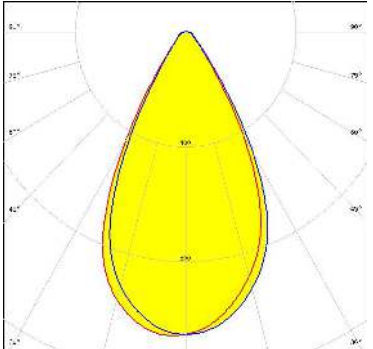
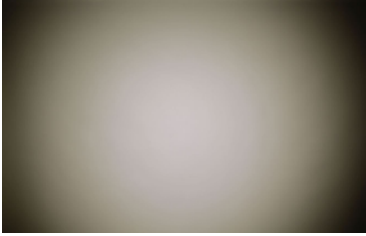
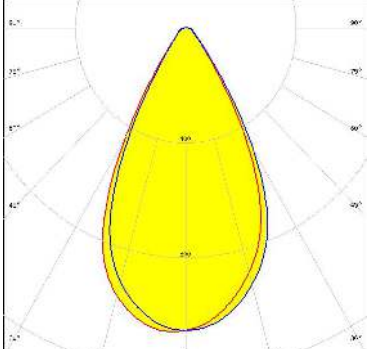
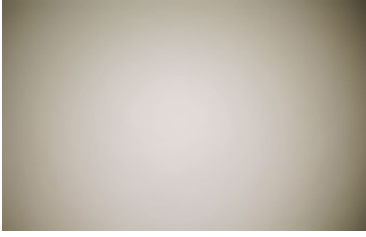
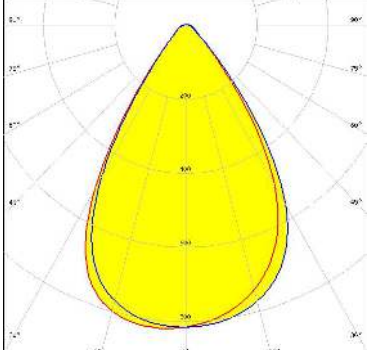
### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CS16838_VICTORIA-IP-W » Box size: 343 x 343 x 298 mm	Multi-lens	34	34	34	9.4

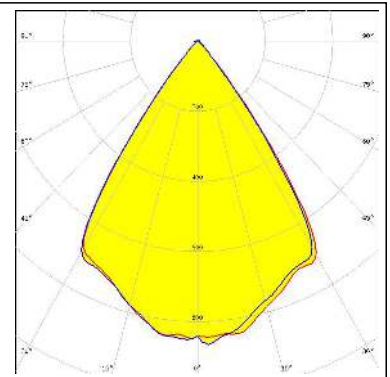
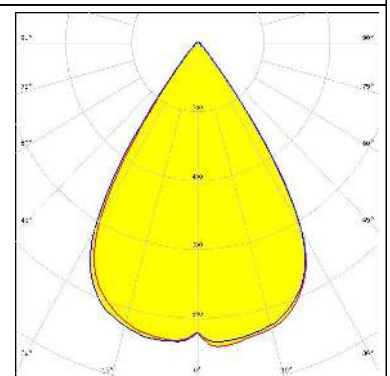
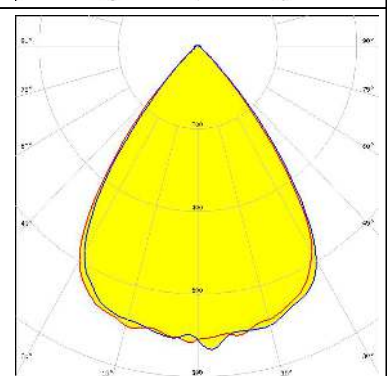
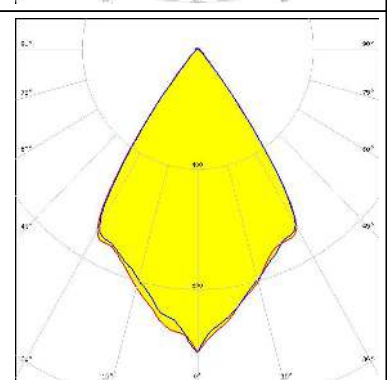




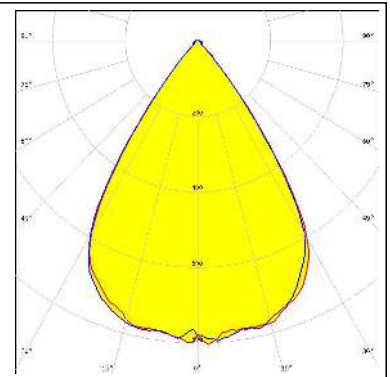
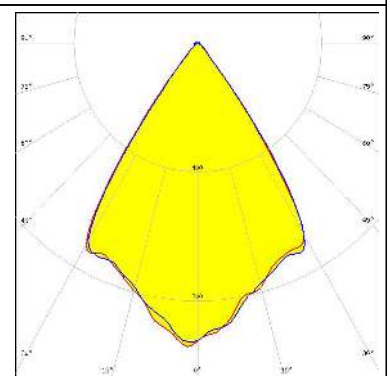
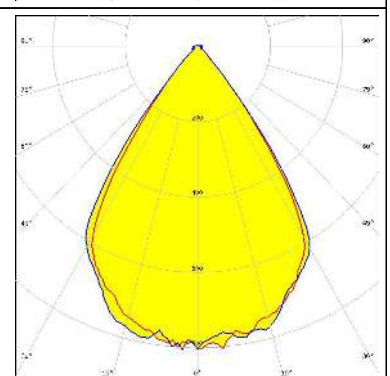
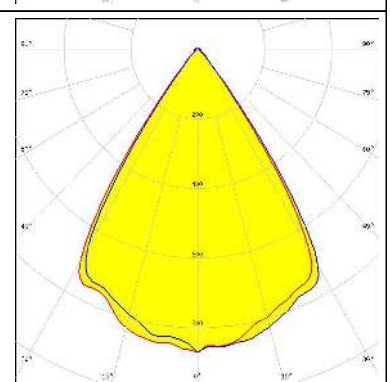
#### OPTICAL RESULTS (MEASURED):

<p> <b>ELECTRIO</b> SOLUTIONS &amp; INNOVATION CENTER</p> <p>LED: Victoria-PCB            FWHM / FWTM: 66.0° / 92.0°            Efficiency: 92 %            Peak intensity: 0.8 cd/m            LEDs/each optic: 2            Light colour: White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED: HiLOM HCF0 (LH181B)            FWHM / FWTM: 56.0° / 82.0°            Efficiency: 94 %            Peak intensity: 1.1 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED: LH181B            FWHM / FWTM: 56.0° / 82.0°            Efficiency: 94 %            Peak intensity: 1.1 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED: LH508A            FWHM / FWTM: 66.0° / 92.0°            Efficiency: 94 %            Peak intensity: 0.8 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		

#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED J Series 2835            FWHM / FWTM 70.0° / 83.0°            Efficiency 95 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED J Series 5050 Round LES            FWHM / FWTM 66.0° / 82.0°            Efficiency 94 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line            FWHM / FWTM 74.0° / 93.0°            Efficiency 94 %            Peak intensity 0.7 cd/lm            LEDs/each optic 2            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line            FWHM / FWTM 68.0° / 80.0°            Efficiency 95 %            Peak intensity 1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

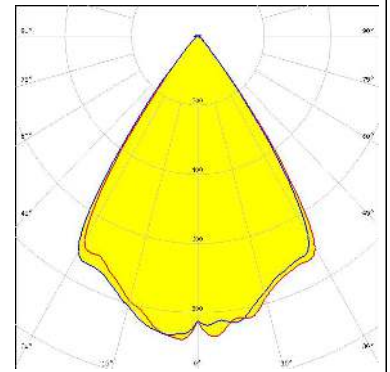
#### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NFMW48xA            FWHM / FWTM 68.6° / 85.2°            Efficiency 91 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris E 2835            FWHM / FWTM 68.0° / 81.0°            Efficiency 95 %            Peak intensity 1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8            FWHM / FWTM 70.0° / 87.0°            Efficiency 94 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LH231B            FWHM / FWTM 68.0° / 81.0°            Efficiency 95 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

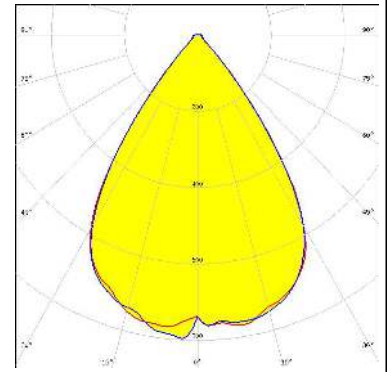
#### OPTICAL RESULTS (SIMULATED):


### SAMSUNG

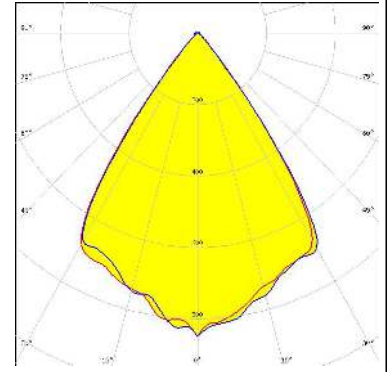
LED LM28xB Series  
 FWHM / FWTM 69.0° / 82.0°  
 Efficiency 95 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




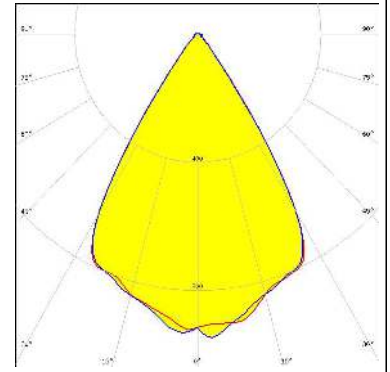
 **SEOUL SEMICONDUCTOR**  
 LED SEOUL DC 3528  
 FWHM / FWTM 70.0° / 90.0°  
 Efficiency 95 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:



 **SEOUL SEMICONDUCTOR**  
 LED SEOUL DC 3528  
 FWHM / FWTM 70.0° / 84.0°  
 Efficiency 95 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



 **SEOUL SEMICONDUCTOR**  
 LED SEOUL DC 3528  
 FWHM / FWTM 65.0° / 80.0°  
 Efficiency 96 %  
 Peak intensity 1 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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