

## DAHIA-W

~90° wide beam

## SPECIFICATION:

Dimensions	321.0 x 80.5
Height	11 mm
Fastening	screw
Ingress protection classes	IP66,IP67
ROHS compliant	yes ⓘ

## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
DAHIA-W	Multi-lens	PMMA	clear		
DAHIA-TL-SEAL	Seal	Silicone			



## ORDERING INFORMATION:

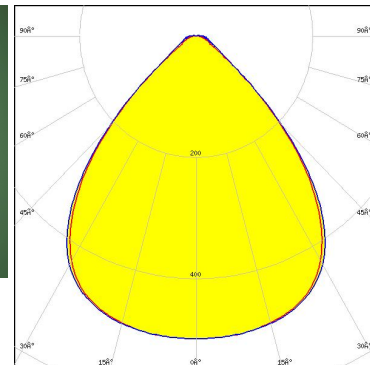
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS19420_DAHIA-W	80	80	4	8.6
» Box size: 343 x 343 x 298 mm				



### OPTICAL RESULTS (MEASURED):

**CEZOS**

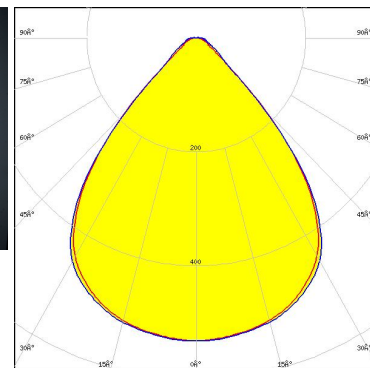
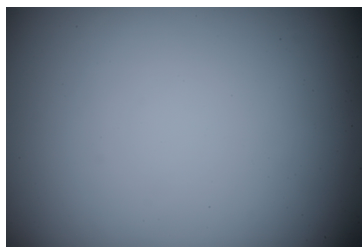
LED L0-278053-HW-C2800-K414  
FWHM / FWTM 86.0° / 113.0°  
Efficiency 96 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**CEZOS**

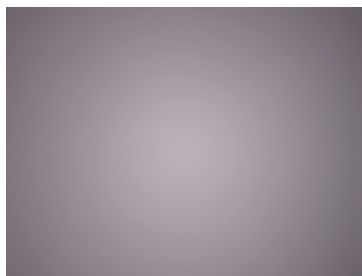
LED L0-278053-RGBW-C2000-K409  
FWHM / FWTM 83.0° / 108.0°  
Efficiency 95 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files

**CEZOS**

LED L0-278053-RGBW-C2100-K411  
FWHM / FWTM 95.0° / 139.0°  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:

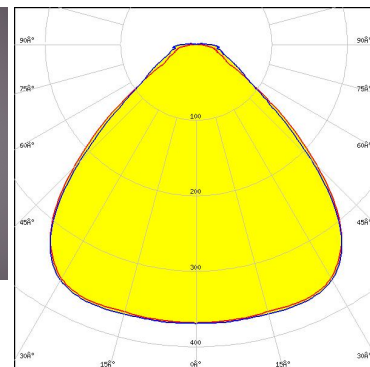
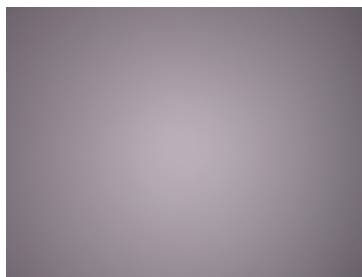


Light distribution files

#### OPTICAL RESULTS (MEASURED):



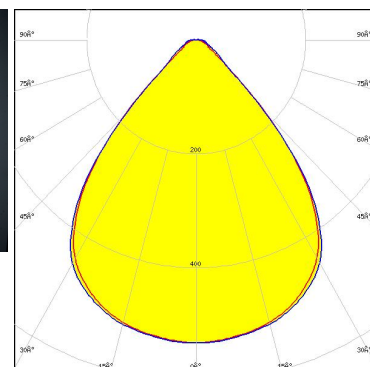
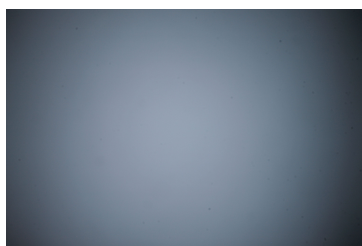
LED LUXEON C  
FWHM / FWTM 95.0° / 139.0°  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



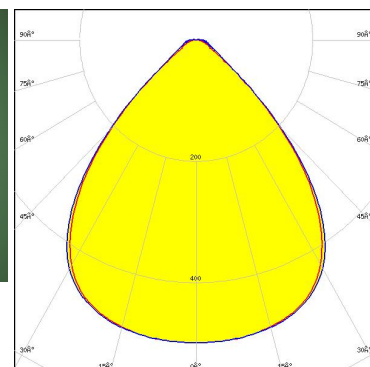
LED OSLO Pure 1414  
FWHM / FWTM 83.0° / 108.0°  
Efficiency 95 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



LED OSLO Square GW CSSRM4.HW  
FWHM / FWTM 86.0° / 113.0°  
Efficiency 96 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



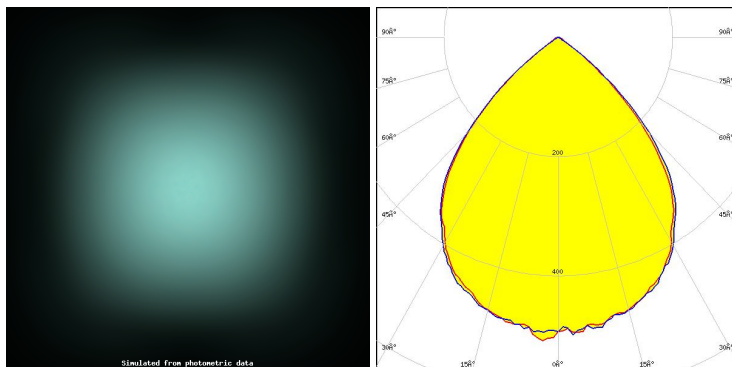
Light distribution files



## OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSLON Square GW CSSRM4.HW
FWHM / FWTM	86.0° / 109.0°
Efficiency	87 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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