

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	Length
VICTORIA-W	Multi-lens	PMMA	clear		300.0
VICTORIA-O-RING	Seal	Silicone	milky		8.0
VICTORIA-SEAL	Seal	Silicone	clear		271.8

ORDERING INFORMATION:

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

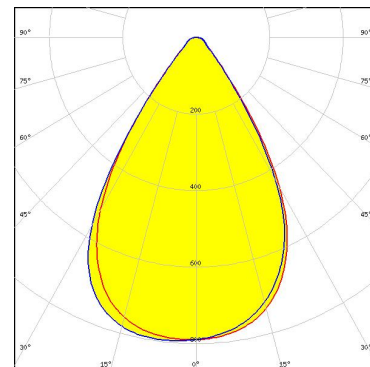




OPTICAL RESULTS (MEASURED):



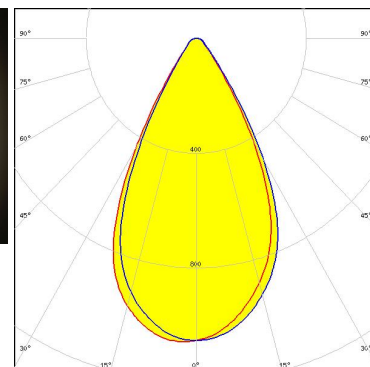
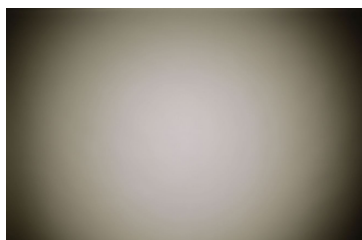
LED Victoria-PCB
 FWHM / FWTM 66.0° / 92.0°
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 2
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

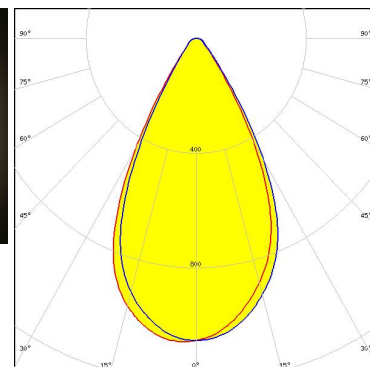
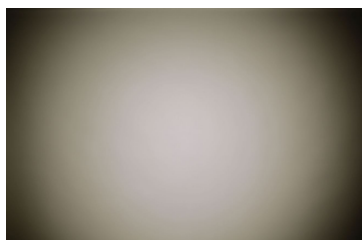
LED HiLOM HCF0 (LH181B)
 FWHM / FWTM 56.0° / 82.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LH181B
 FWHM / FWTM 56.0° / 82.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

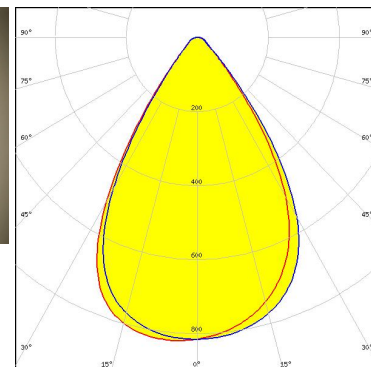
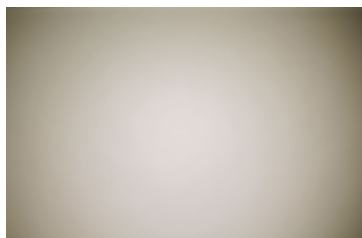


Light distribution files

OPTICAL RESULTS (MEASURED):

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LED LH508A
FWHM / FWTM 66.0° / 92.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

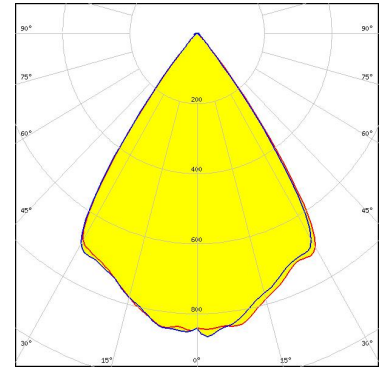


Light distribution files

OPTICAL RESULTS (SIMULATED):



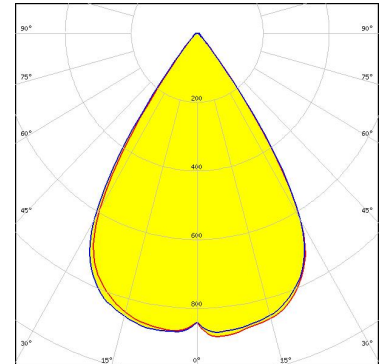
LED J Series 2835
FWHM / FWTM 70.0° / 83.0°
Efficiency 95 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



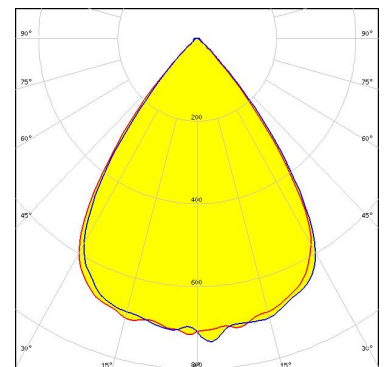
LED J Series 5050 Round LES
FWHM / FWTM 66.0° / 82.0°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON 2835 Line
FWHM / FWTM 74.0° / 93.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:

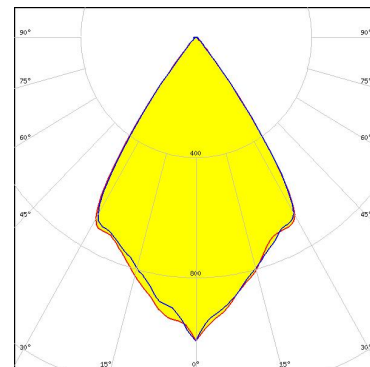


Light distribution files

OPTICAL RESULTS (SIMULATED):



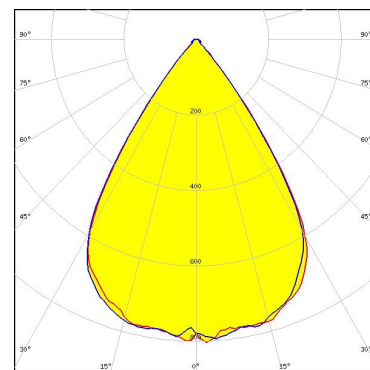
LED LUXEON 2835 Line
 FWHM / FWTM 68.0° / 80.0°
 Efficiency 95 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



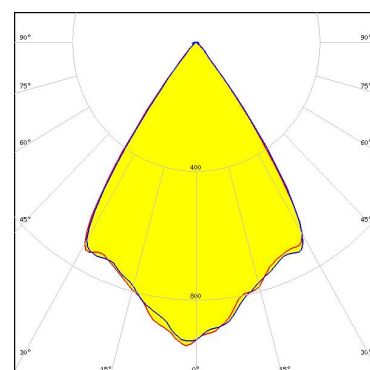
LED NFMW48xA
 FWHM / FWTM 68.6° / 85.2°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Duris E 2835
 FWHM / FWTM 68.0° / 81.0°
 Efficiency 95 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

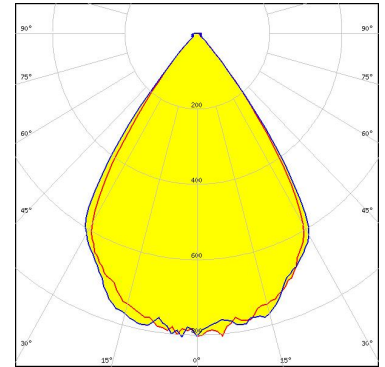


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

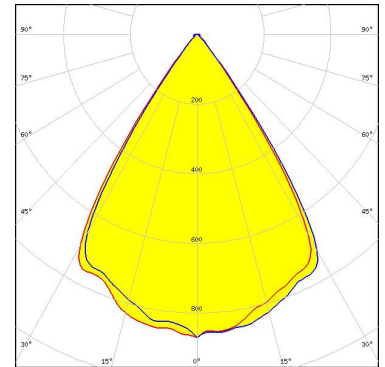
LED Duris S8
FWHM / FWTM 70.0° / 87.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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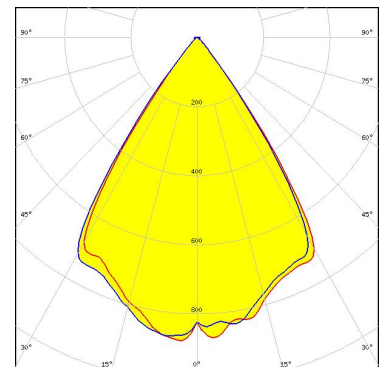
LED LH231B
FWHM / FWTM 68.0° / 81.0°
Efficiency 95 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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

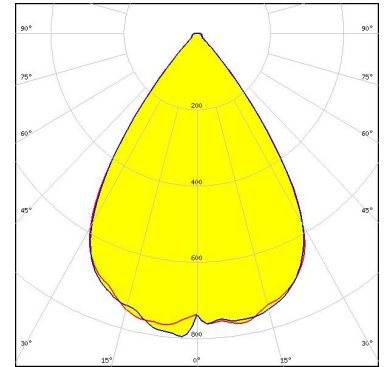


Light distribution files

OPTICAL RESULTS (SIMULATED):



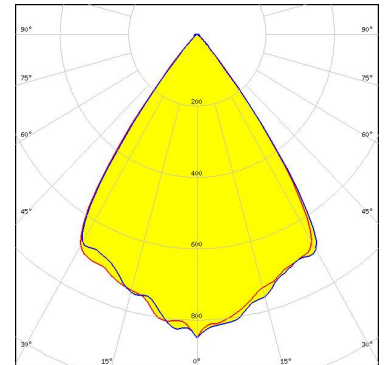
LED: SEOUL DC 3528
 FWHM / FWTM: 70.0° / 90.0°
 Efficiency: 95 %
 Peak intensity: 0.8 cd/lm
 LEDs/each optic: 2
 Light colour/type: White
 Required components:



Light distribution files



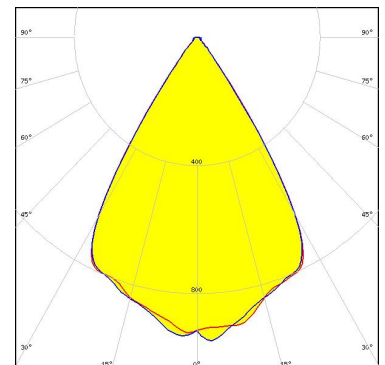
LED: SEOUL DC 3528
 FWHM / FWTM: 70.0° / 84.0°
 Efficiency: 95 %
 Peak intensity: 0.9 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:



Light distribution files



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