

DAHIA-O

~25°+100° oval beam

SPECIFICATION:

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

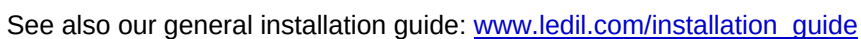
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
DAHIA-O	Multi-lens	PMMA	clear		
» Box size: 343 x 343 x 298 mm					
DAHIA-TL-SEAL	Seal	Silicone			

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
C16618_DAHIA-TL-SEAL	Seal	80	80	4	9.8
C19418_DAHIA-O	Multi-lens	80	80	4	9.8

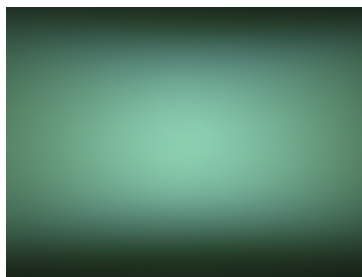
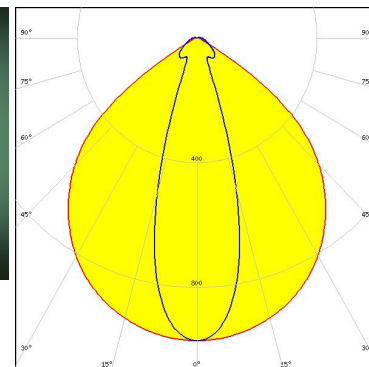




OPTICAL RESULTS (MEASURED):

CEZOS

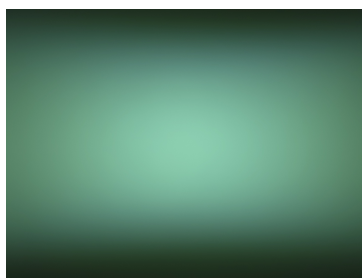
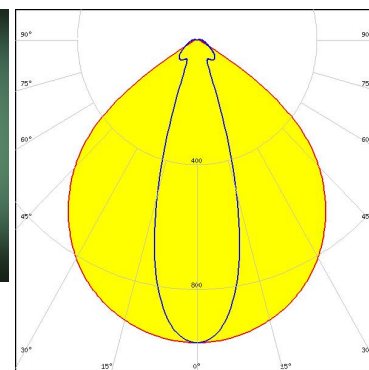
LED L0-278053-HW-C2800-K414
FWHM / FWTM 98.0 + 31.0° / 119.0 + 48.0°
Efficiency 95 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM Square GW CSSRM4.HW
FWHM / FWTM 98.0 + 31.0° / 119.0 + 48.0°
Efficiency 95 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

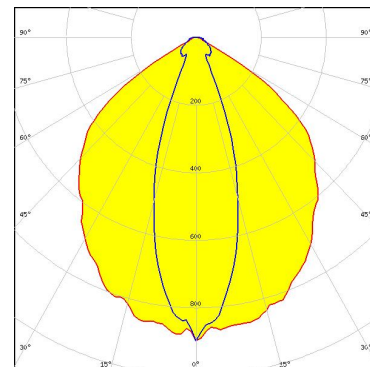


Light distribution files

OPTICAL RESULTS (SIMULATED):



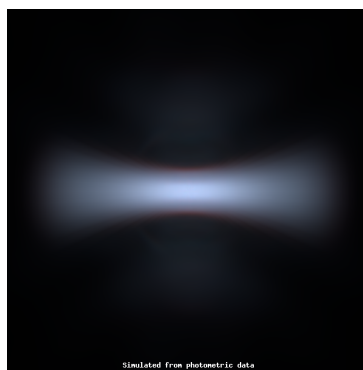
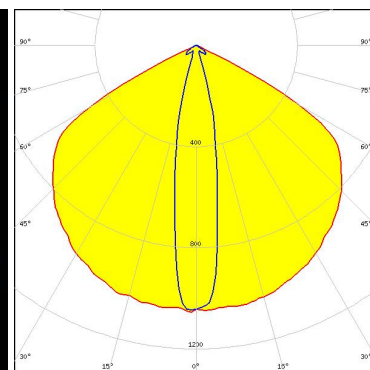
LED JB3030C E Class
FWHM / FWTM 99.0 + 33.0° / 124.0 + 52.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



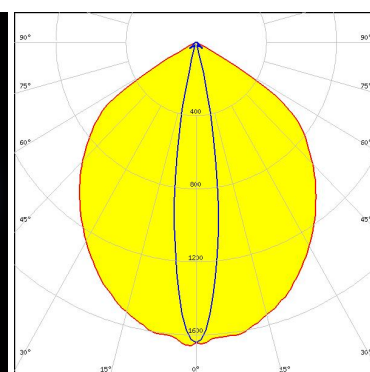
LED LUXEON C
FWHM / FWTM 118.0 + 18.0° / 129.0 + 34.0°
Efficiency 75 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



LED OSLO Pure 1414
FWHM / FWTM 97.0 + 17.0° / 122.0 + 28.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

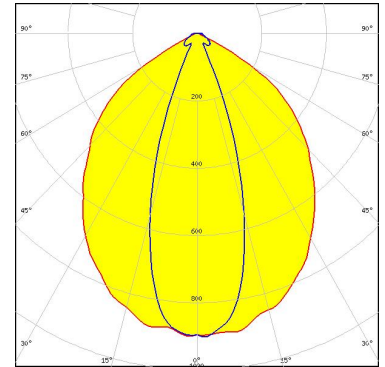


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

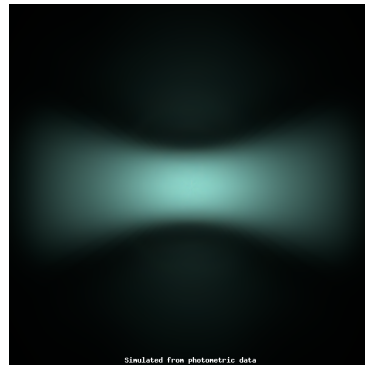
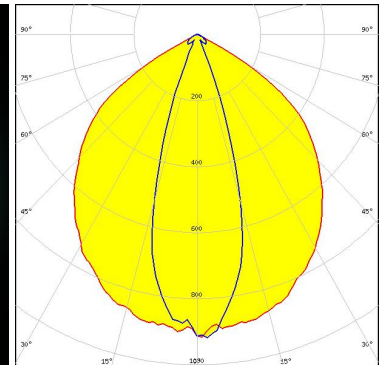
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 94.0 + 35.0° / 126.0 + 52.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

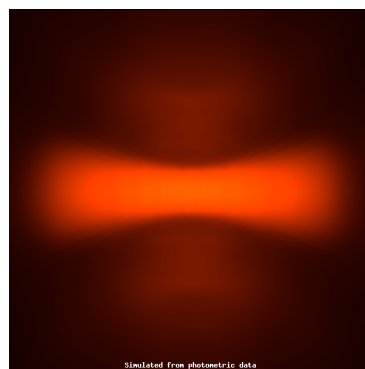
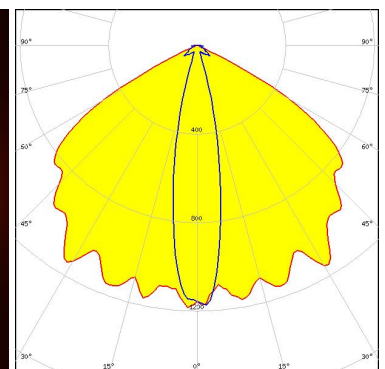
LED OSLOM Square GW CSSRM4.HW
FWHM / FWTM 99.0 + 32.0° / 124.0 + 46.0°
Efficiency 84 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM SSL 150 (Red)
FWHM / FWTM 116.0 + 20.0° / 129.0 + 36.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type Red
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:

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