

OLGA-O

~20° + 40° oval beam. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

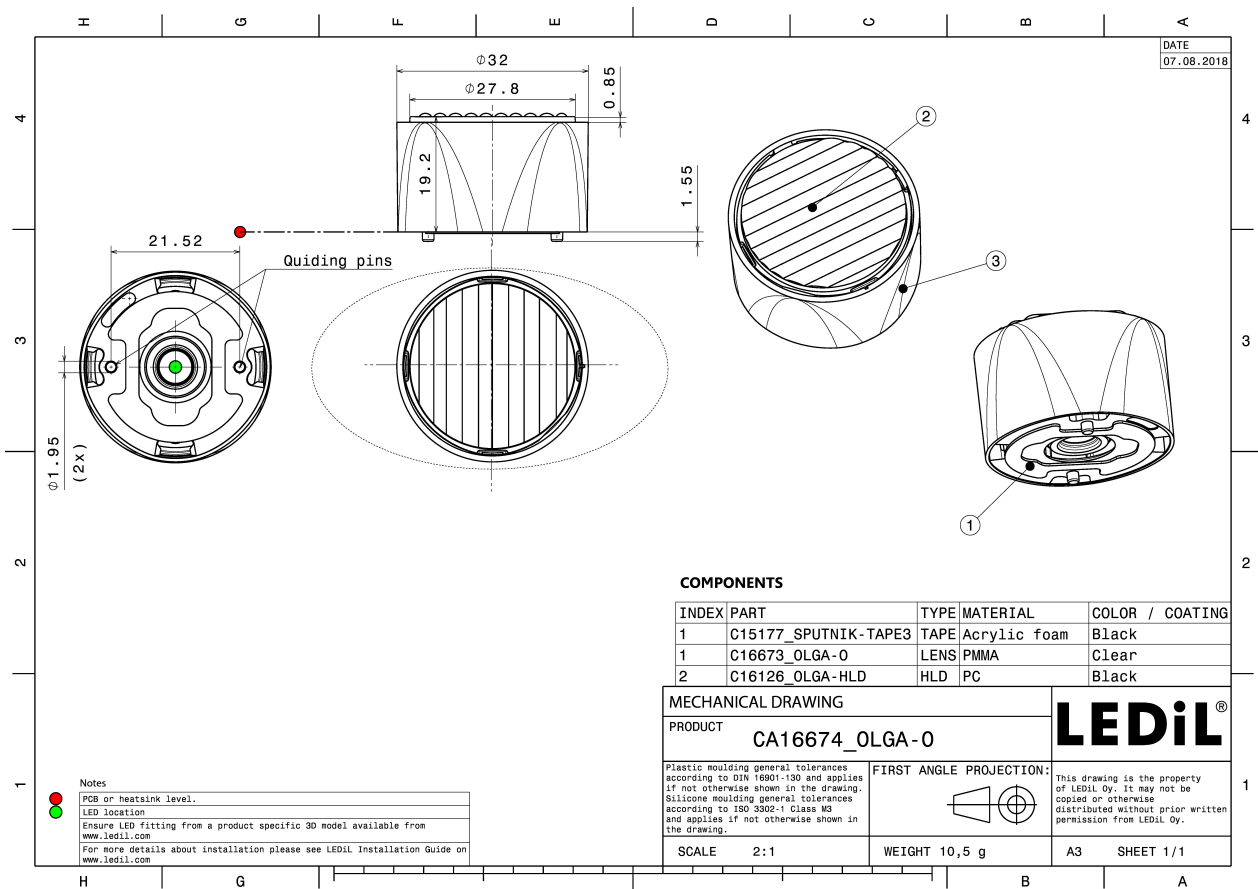
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
OLGA-O	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16674_OLGA-O	Single lens	792	132	66	9.8
» Box size: 476 x 273 x 292 mm					



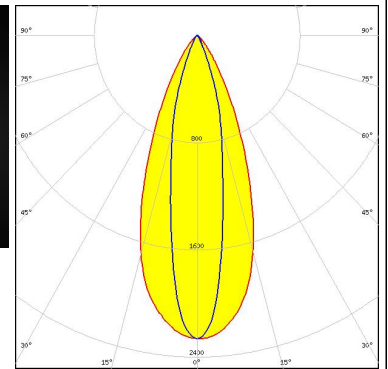
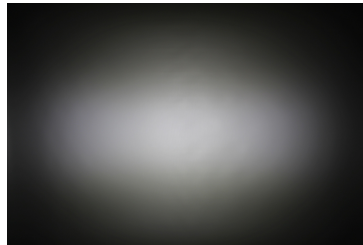


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

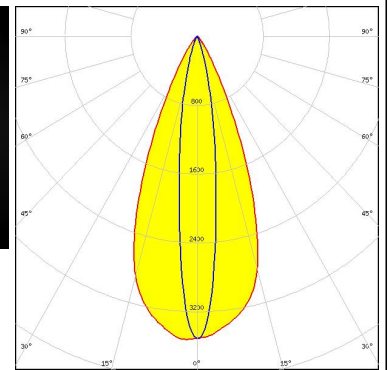
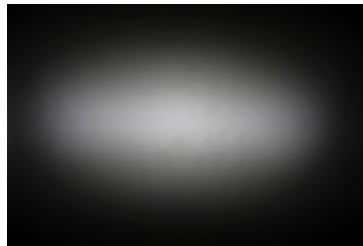
CREE LED

LED XHP50.2
FWHM / FWTM 42.0 + 21.0° / 72.0 + 47.0°
Efficiency 79 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



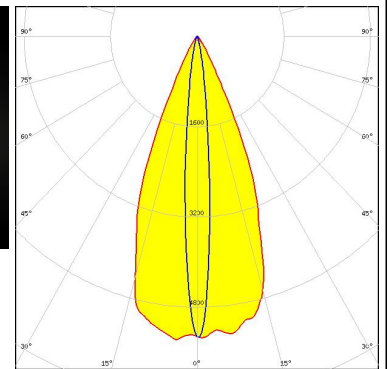
CREE LED

LED XM-L3
FWHM / FWTM 43.0 + 15.0° / 65.0 + 34.0°
Efficiency 86 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



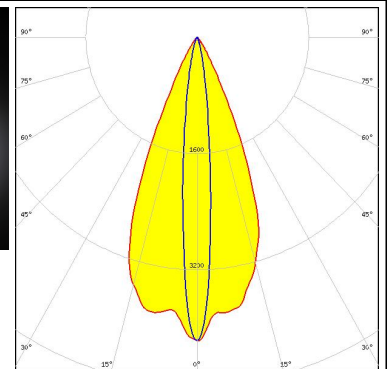
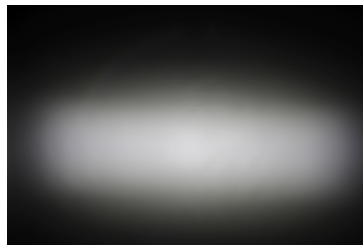
CREE LED

LED XP-E2
FWHM / FWTM 44.0 + 10.0° / 60.0 + 23.0°
Efficiency 88 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

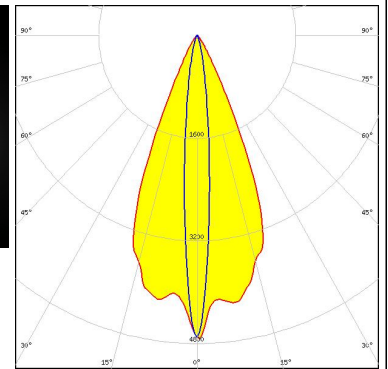
LED XQ-E HD
FWHM / FWTM 44.0 + 11.0° / 62.0 + 26.0°
Efficiency 80 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



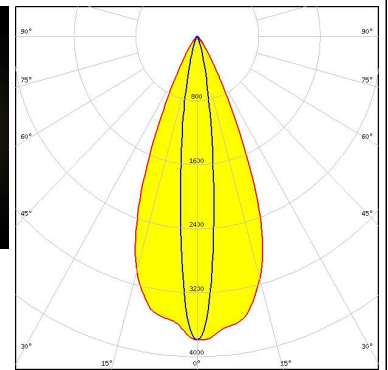
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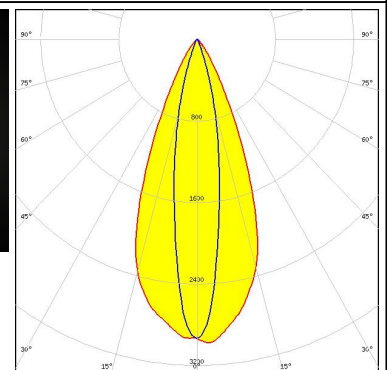
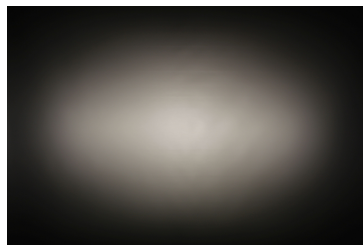
LED XQ-E HI
FWHM / FWTM 44.0 + 10.0° / 60.0 + 25.0°
Efficiency 85 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



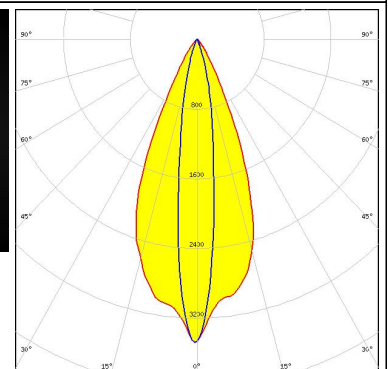
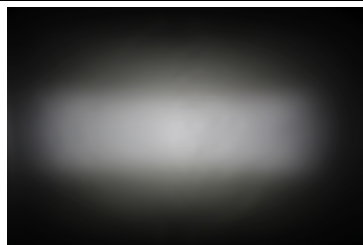
LED XT-E
FWHM / FWTM 44.0 + 13.0° / 65.0 + 30.0°
Efficiency 84 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON MZ
FWHM / FWTM 43.0 + 18.0° / 67.0 + 39.0°
Efficiency 86 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



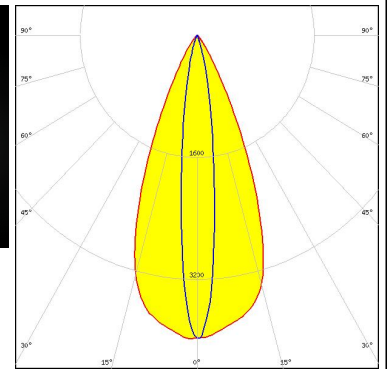
LED NCSxE17A
FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°
Efficiency 84 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



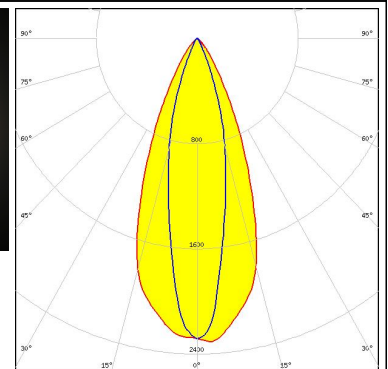
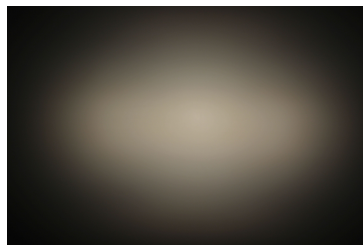
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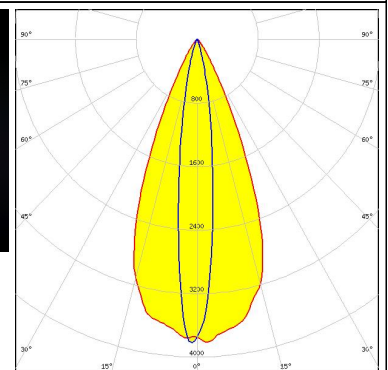
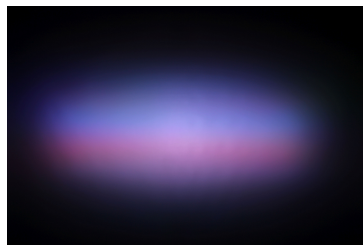
LED NVSW319B
 FWHM / FWTM 44.0 + 13.0° / 64.0 + 30.0°
 Efficiency 88 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



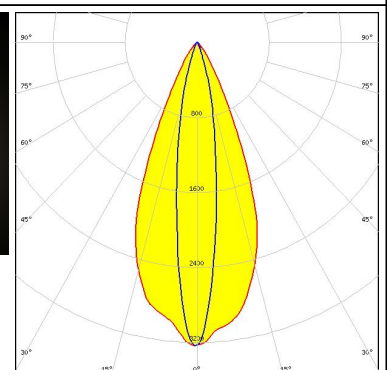
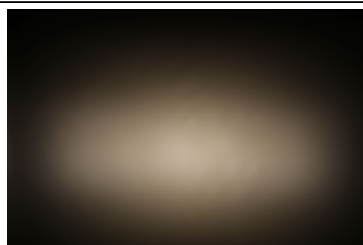
LED Duris S8
 FWHM / FWTM 43.0 + 23.0° / 72.0 + 49.0°
 Efficiency 85 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSTAR Stage (S2WN)
 FWHM / FWTM 44.0 + 14.0° / 64.0 + 30.0°
 Efficiency 87 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



LED LH231B
 FWHM / FWTM 44.0 + 16.0° / 67.0 + 37.0°
 Efficiency 86 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

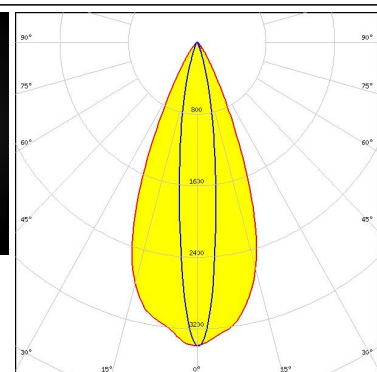
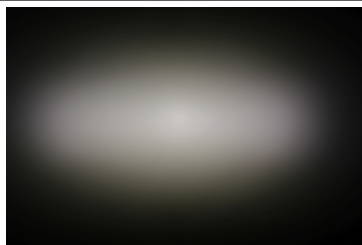


PHOTOMETRIC DATA (MEASURED):



SEOUL SEMICONDUCTOR

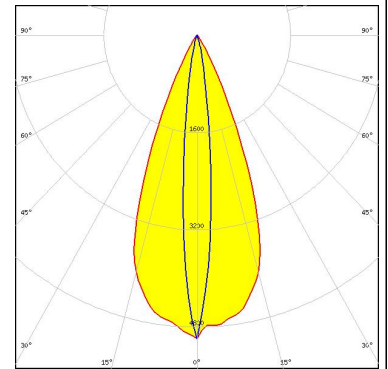
LED Z5M3
FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°
Efficiency 84 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



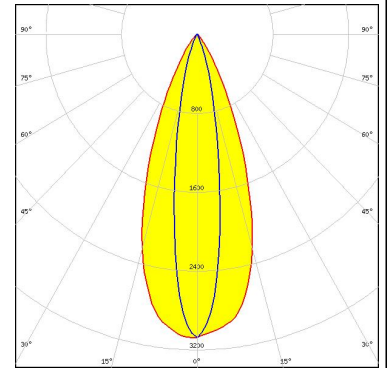
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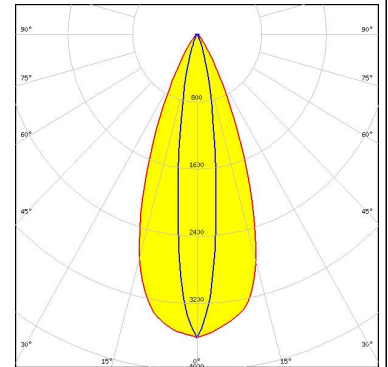
LED XHP35 HI
FWHM / FWTM 11.0 + 42.0°
Efficiency 90 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



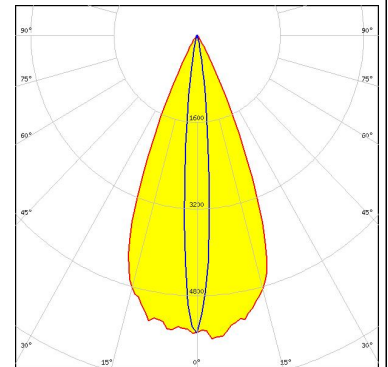
LED XHP50.3 HD
FWHM / FWTM 40.0 + 18.0° / 67.0 + 38.0°
Efficiency 87 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.3 HI
FWHM / FWTM 42.0 + 14.0° / 65.0 + 34.0°
Efficiency 95 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



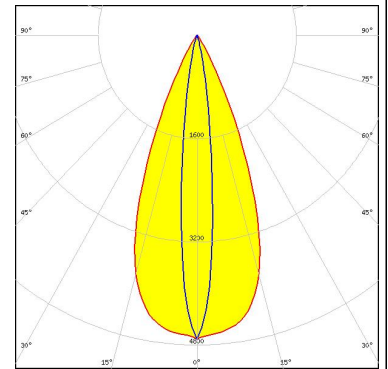
LED XP-G2
FWHM / FWTM 9.5 + 42.0°
Efficiency 90 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



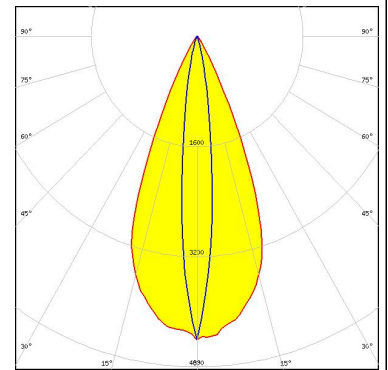
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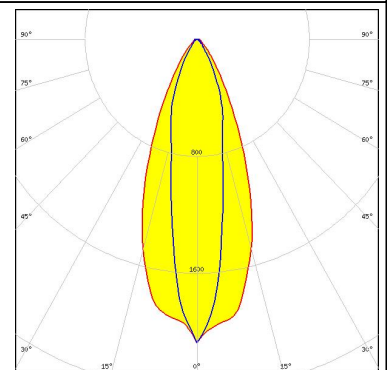
LED XP-G2 HE
FWHM / FWTM 42.0 + 12.0° / 60.0 + 26.0°
Efficiency 91 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



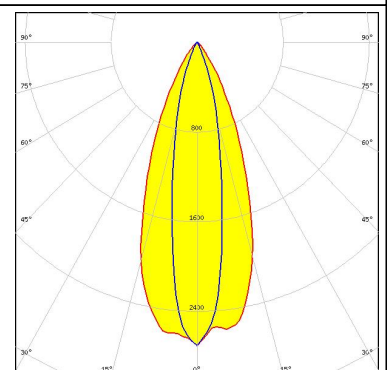
LED XP-L HI
FWHM / FWTM 12.0 + 42.0°
Efficiency 88 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 7070
FWHM / FWTM 42.0 + 20.0° / 76.0 + 60.0°
Efficiency 92 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



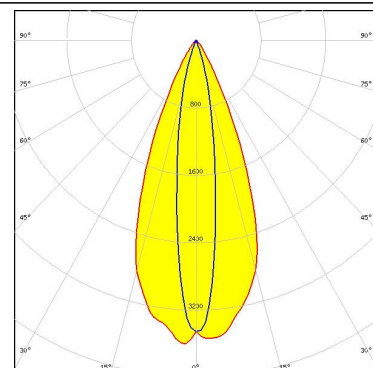
LED LUXEON M/MX
FWHM / FWTM 20.0 + 40.0°
Efficiency 86 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



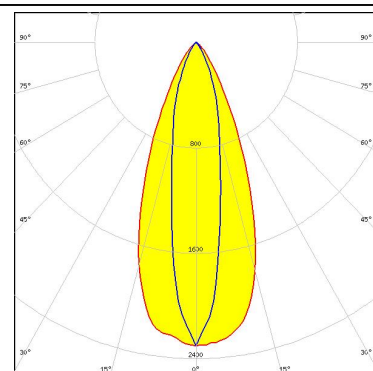
PHOTOMETRIC DATA (SIMULATED):



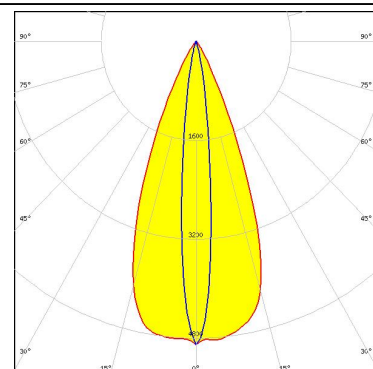
LED NV4WB35AM
 FWHM / FWTM 42.0 + 16.0° / 64.0 + 36.0°
 Efficiency 90 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S10
 FWHM / FWTM 42.0 + 20.0° / 72.0 + 54.0°
 Efficiency 86 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 42.0 + 12.0° / 61.0 + 24.0°
 Efficiency 90 %
 Peak intensity 4.9 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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