

VERONICA-SQ-MINI-O

~15° + 50° oval beam

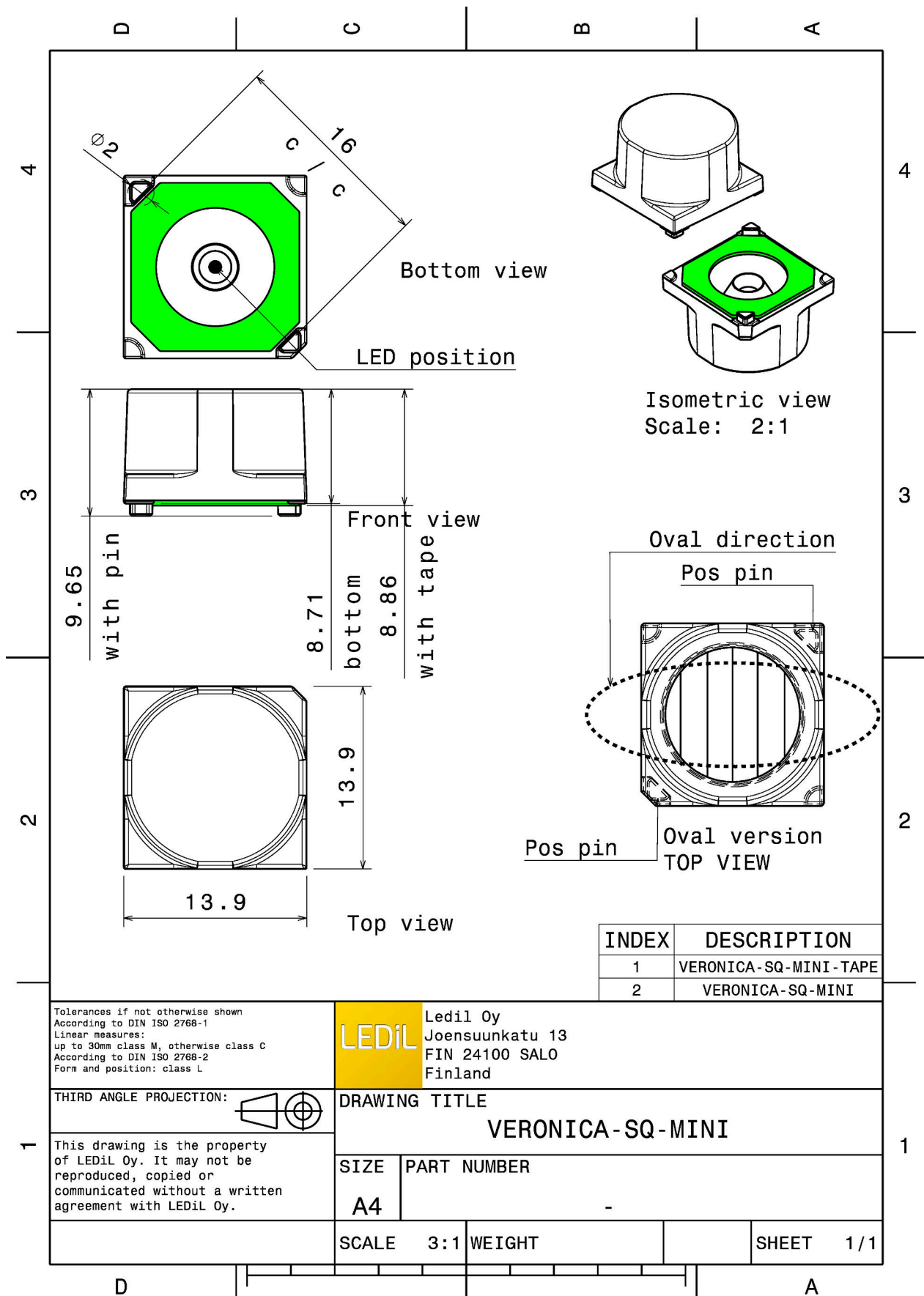
TECHNICAL SPECIFICATIONS:

Dimensions	13.9 mm
Height	8.9 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.9 kg
Quantity in Box	5544 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

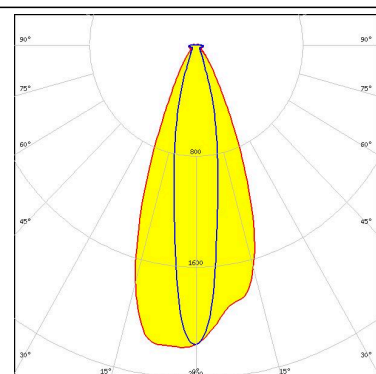
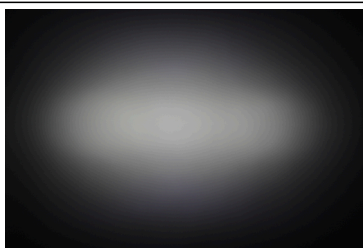
Component	Type	Material	Colour
VERONICA-SQ-MINI-O	Single lens	PMMA	clear
VERONICA-SQ-MINI-TAPE	Tape	Acrylic foam	clear



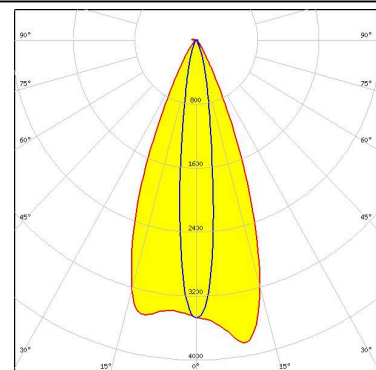
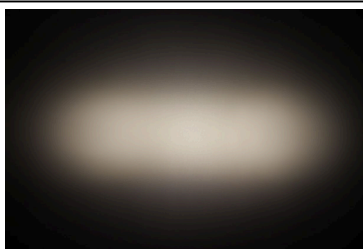
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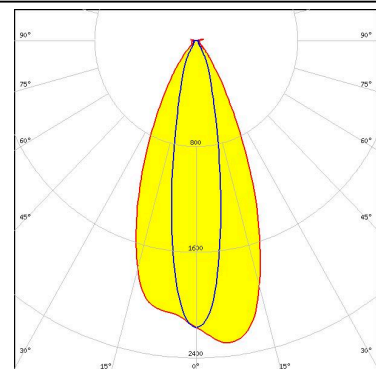
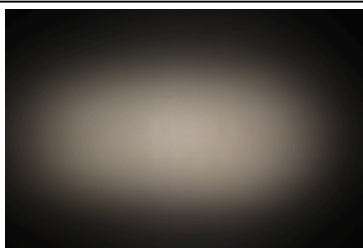
LED XD16
FWHM 41.0 + 18.0°
Efficiency 89 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



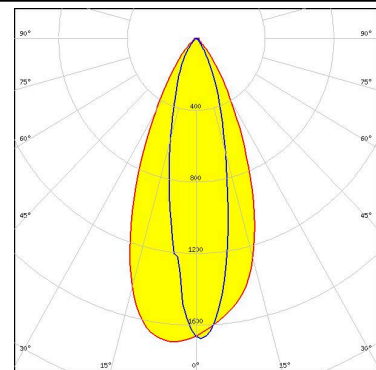
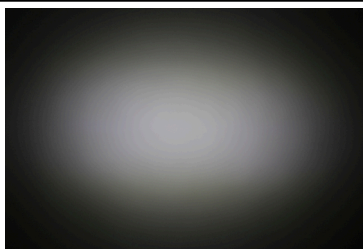
LED XP-E2
FWHM 42.0 + 14.0°
Efficiency 92 %
Peak intensity 3.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM 45.0 + 20.0°
Efficiency 92 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



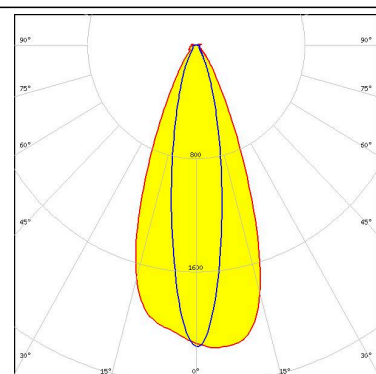
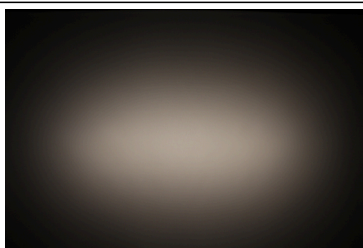
LED XP-G3
FWHM 41.0 + 24.0°
Efficiency 92 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



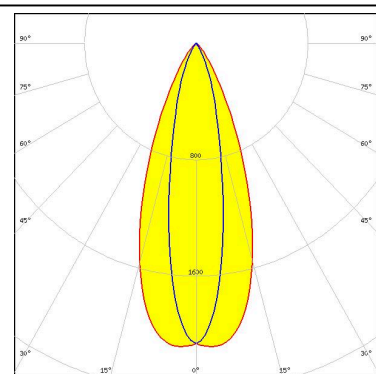
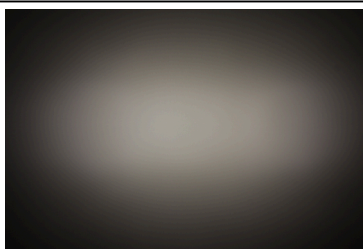
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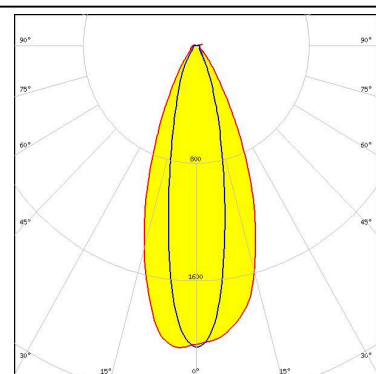
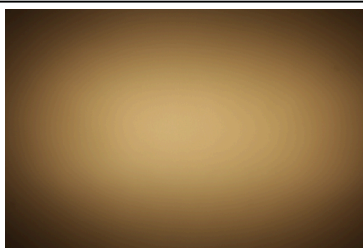
LED LUXEON Rebel
FWHM 42.0 + 20.0°
Efficiency 90 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



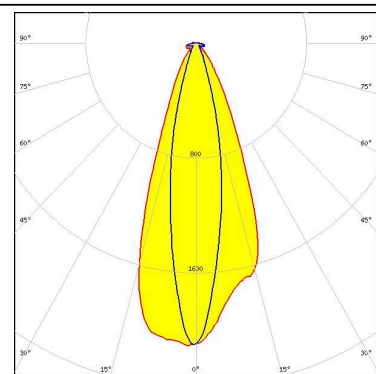
LED LUXEON Rebel ES
FWHM 50.0 + 23.0°
Efficiency 80 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM 42.0 + 22.0°
Efficiency 90 %
Peak intensity 2.060 cd/lm
LEDs/each optic 1
Light colour White
Required components:



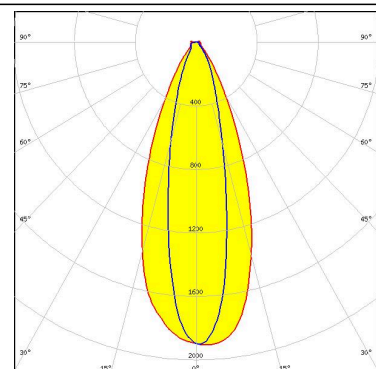
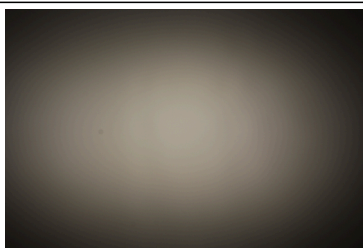
LED NCSxE17A
FWHM 40.0 + 20.0°
Efficiency 89 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



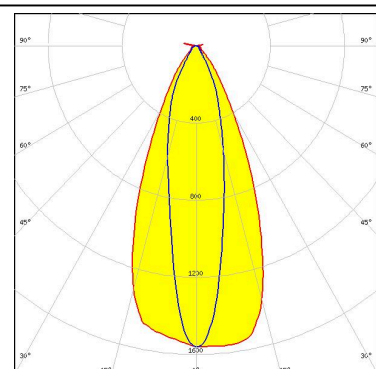
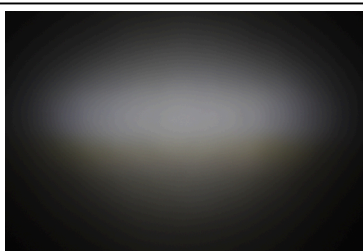
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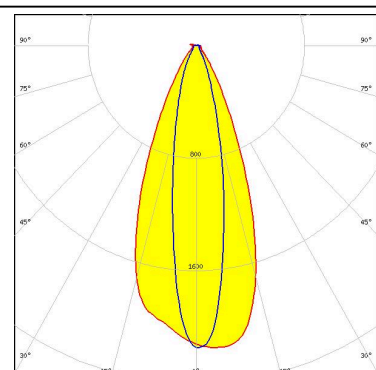
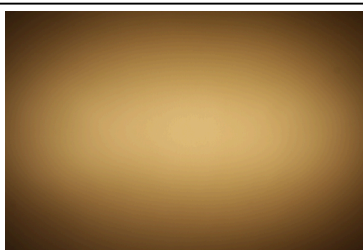
LED NVSxx19B/NVSxx19C
FWHM 41.0 + 23.0°
Efficiency 90 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



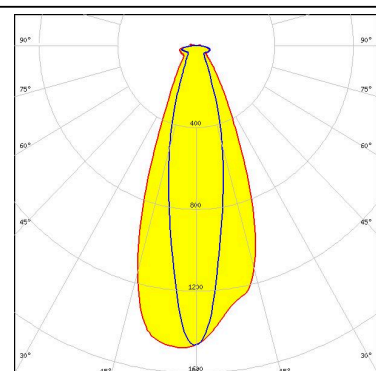
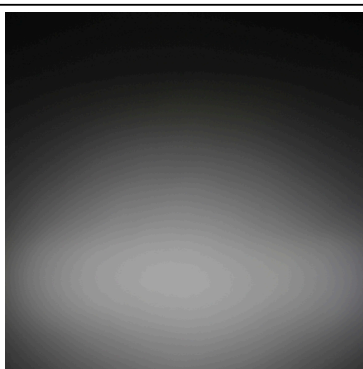
LED Duris S5 (2 chip)
FWHM 76.0 + 22.0°
Efficiency 74 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM Square EC
FWHM 42.0 + 20.0°
Efficiency 89 %
Peak intensity 2.150 cd/lm
LEDs/each optic 1
Light colour White
Required components:



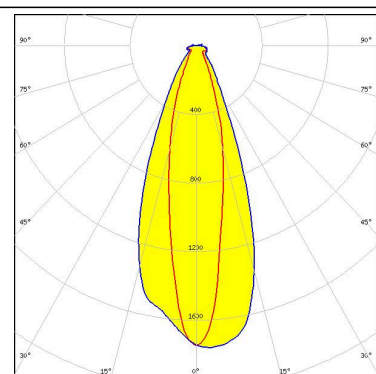
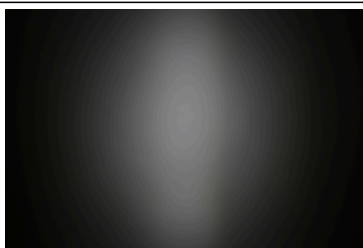
LED LH181A
FWHM 42.0 + 22.0°
Efficiency 88 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

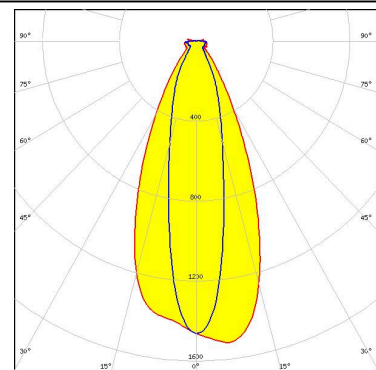
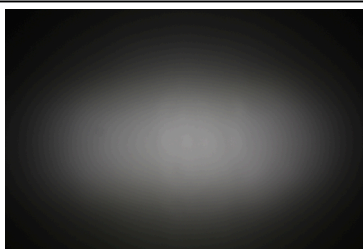
SAMSUNG

LED LH181B
FWHM 22.0 + 41.0°
Efficiency 91 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEAGULL

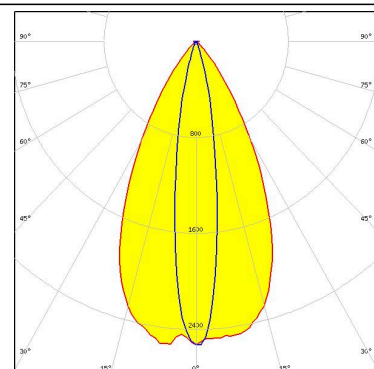
LED Z8Y22P
FWHM 46.0 + 23.0°
Efficiency 90 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



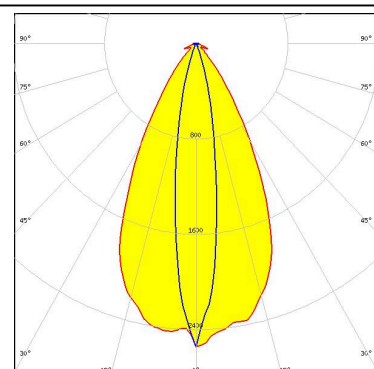
PHOTOMETRIC DATA (SIMULATED):



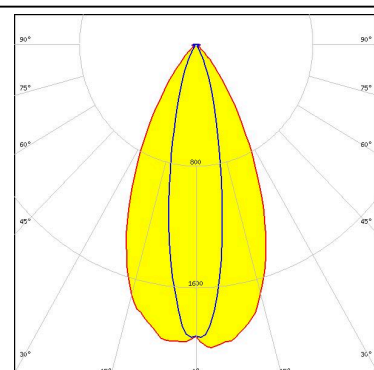
LED LUXEON C
FWHM 53.0 + 17.0°
Efficiency 87 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



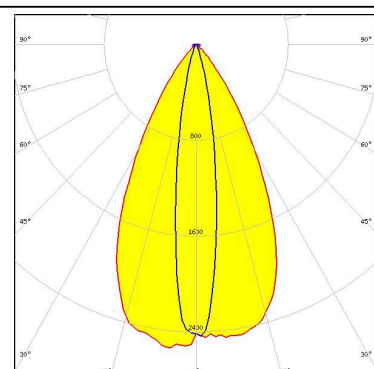
LED LUXEON Z ES
FWHM 53.0 + 16.0°
Efficiency 92 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM Square CSSRM2/CSSRM3
FWHM 48.0 + 20.0°
Efficiency 81 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



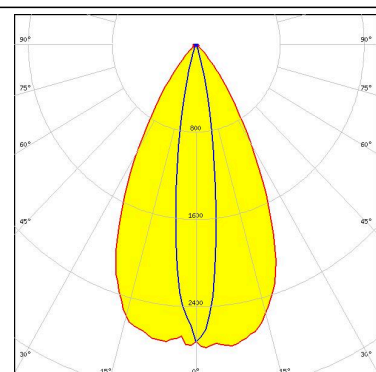
LED OSLOM SSL 150
FWHM 55.0 + 16.0°
Efficiency 89 %
Peak intensity 2.570 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



PHOTOMETRIC DATA (SIMULATED):

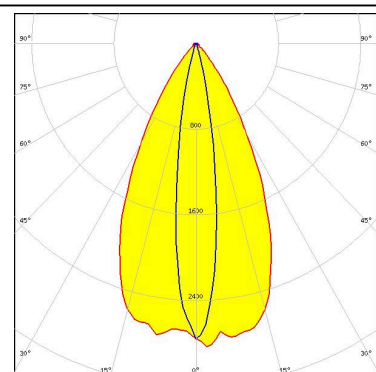
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 54.0 + 15.0°
Efficiency 90 %
Peak intensity 2.760 cd/lm
LEDs/each optic 1
Light colour Green
Required components:



OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 53.0 + 16.0°
Efficiency 90 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour Red
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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