

VERONICA-O

~55° + 10° oval beam

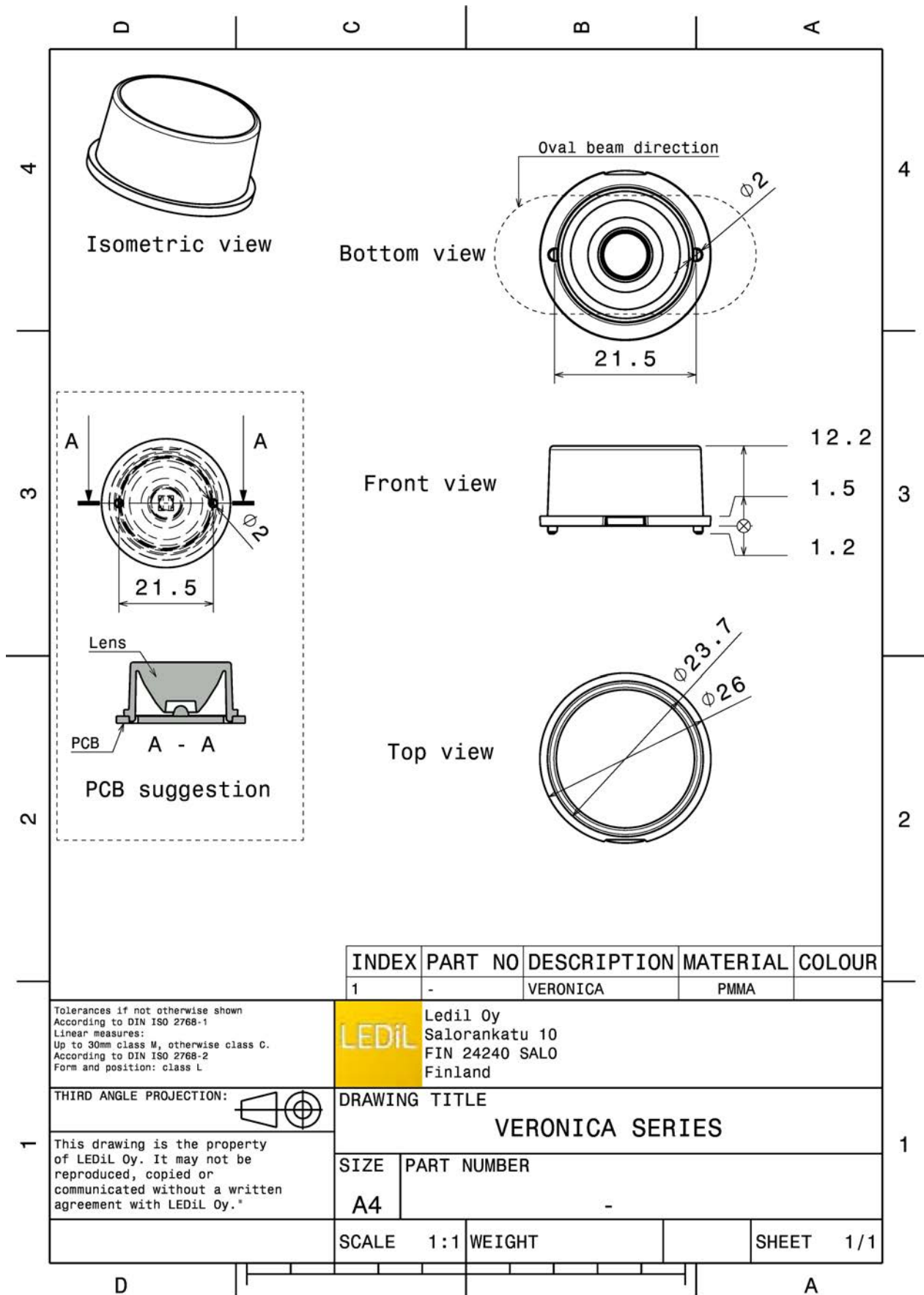
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	12.2 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10 kg
Quantity in Box	1980 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

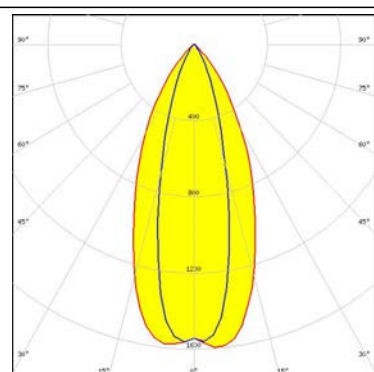
Component	Type	Material	Colour
VERONICA-O	Lens	PMMA	clear



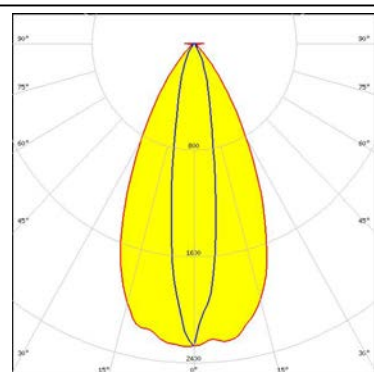
PHOTOMETRIC DATA (MEASURED):



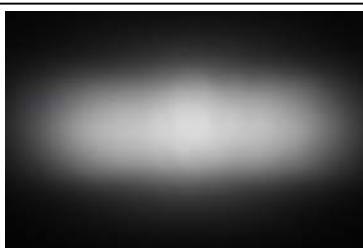
LED MK-R
FWHM 48.0 + 28.0°
Efficiency 80 %
Peak intensity 1.600 cd/lm
Required components:



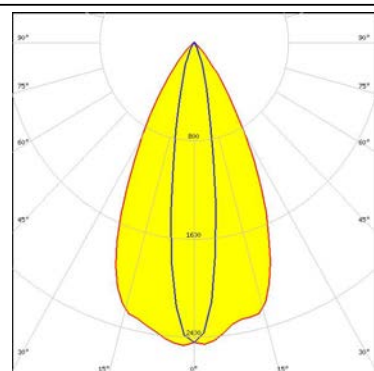
LED XHP35 HD
FWHM 52.0 + 19.0°
Efficiency 80 %
Peak intensity 2.260 cd/lm
Required components:



LED XHP35 HI
FWHM 53.0 + 16.0°
Efficiency 82 %
Peak intensity 2.900 cd/lm
Required components:



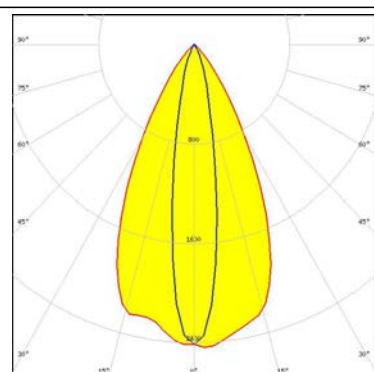
LED XM-L
FWHM 54.0 + 18.0°
Efficiency 83 %
Peak intensity 2.500 cd/lm
Required components:



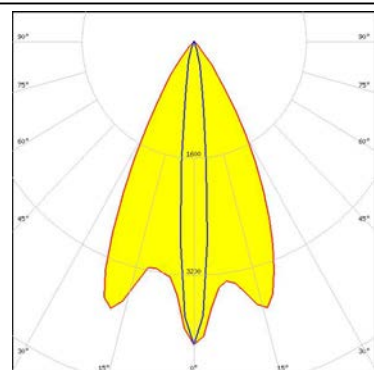
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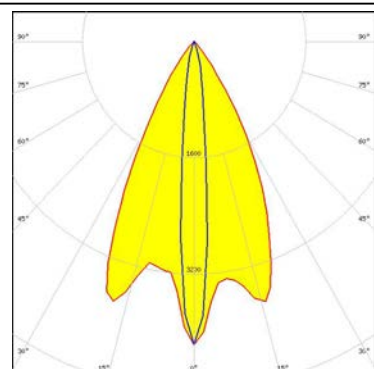
LED XM-L2
FWHM 54.0 + 18.0°
Efficiency 82 %
Peak intensity 2.400 cd/lm
Required components:



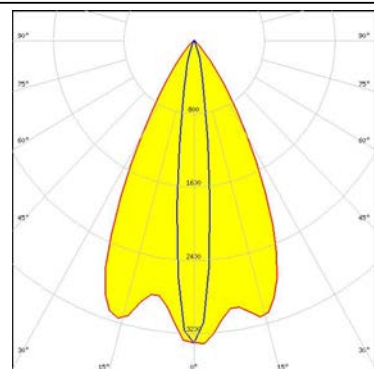
LED XP-E
FWHM 54.0 + 11.0°
Efficiency 83 %
Peak intensity 4.200 cd/lm
Required components:



LED XP-E2
FWHM 54.0 + 11.0°
Efficiency 84 %
Peak intensity 4.200 cd/lm
Required components:



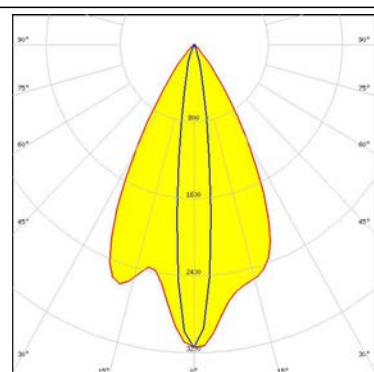
LED XP-G
FWHM 55.0 + 13.0°
Efficiency 83 %
Peak intensity 3.300 cd/lm
Required components:



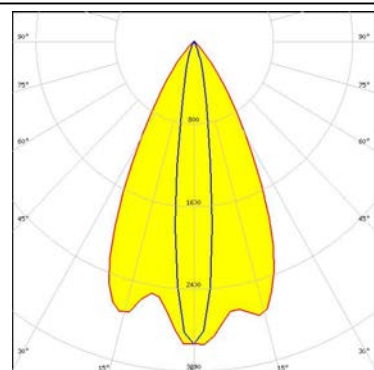
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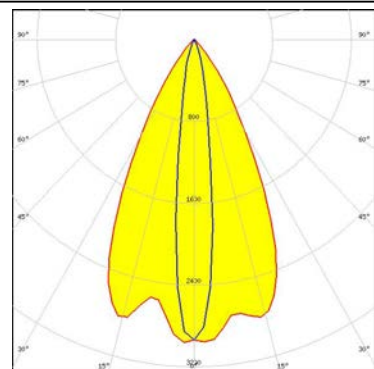
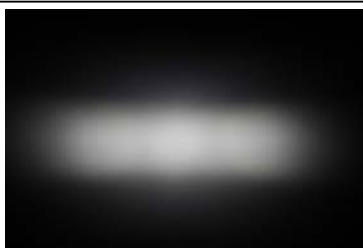
LED XP-G2
FWHM 55.0 + 13.0°
Efficiency 84 %
Peak intensity 3.200 cd/lm
Required components:



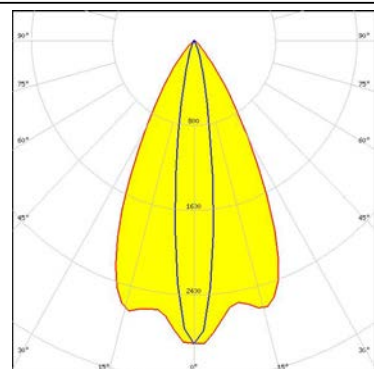
LED XT-E
FWHM 54.0 + 15.0°
Efficiency 81 %
Peak intensity 2.900 cd/lm
Required components:



LED H35C0 (LEMWA33)
FWHM 55.0 + 15.0°
Efficiency 81 %
Peak intensity 3.000 cd/lm
Required components:



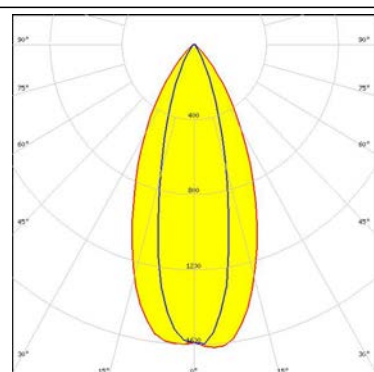
LED LUXEON A
FWHM 54.0 + 15.0°
Efficiency 82 %
Peak intensity 2.900 cd/lm
Required components:



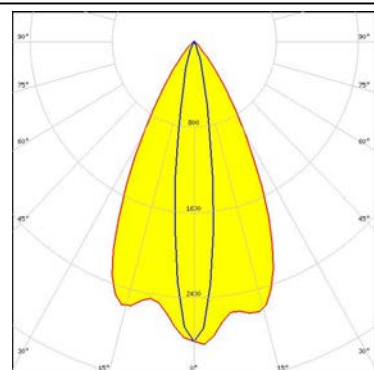
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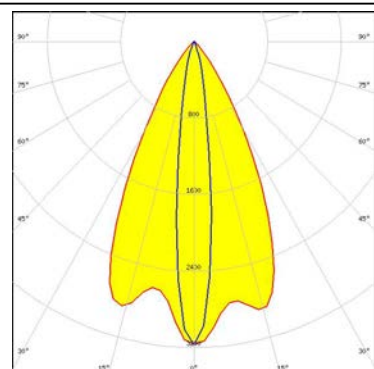
LED LUXEON M/MX
FWHM 49.0 + 28.0°
Efficiency 79 %
Peak intensity 1.600 cd/lm
Required components:



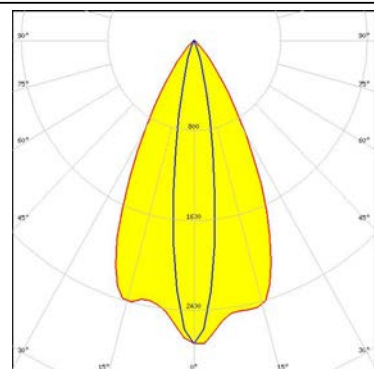
LED LUXEON R
FWHM 54.0 + 16.0°
Efficiency 81 %
Peak intensity 2.800 cd/lm
Required components:



LED LUXEON Rebel
FWHM 54.0 + 14.0°
Efficiency 82 %
Peak intensity 3.200 cd/lm
Required components:



LED LUXEON Rebel ES
FWHM 54.0 + 17.0°
Efficiency 81 %
Peak intensity 2.700 cd/lm
Required components:



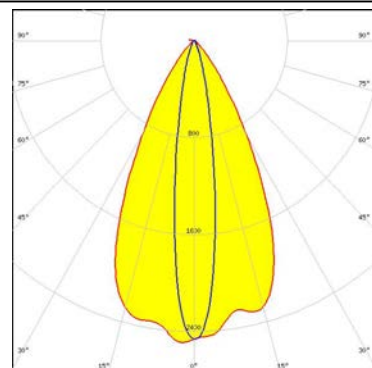
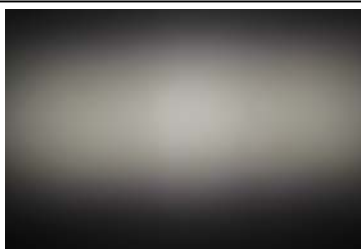
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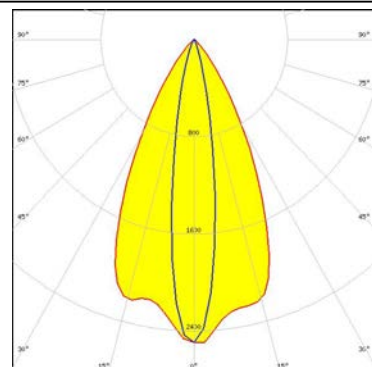
LED NCSxx19B
FWHM 52.0 + 15.0°
Efficiency 80 %
Peak intensity 2.970 cd/lm
Required components:



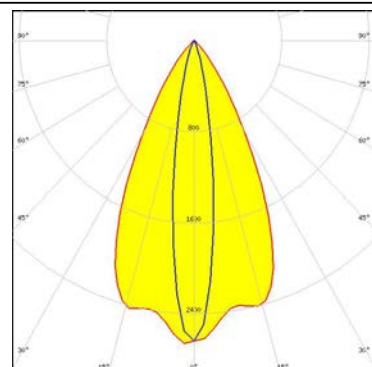
LED NVSW3x9A
FWHM 53.0 + 16.0°
Efficiency 80 %
Peak intensity 2.500 cd/lm
Required components:



LED NVSxx19A
FWHM 53.0 + 18.0°
Efficiency 79 %
Peak intensity 2.500 cd/lm
Required components:



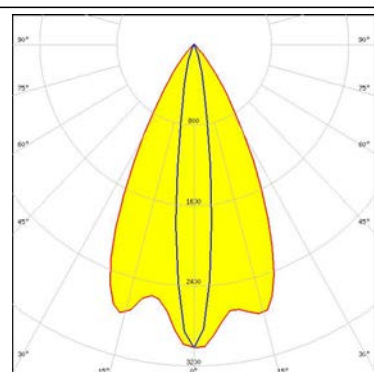
LED NVSxx19B/NVSxx19C
FWHM 54.0 + 17.0°
Efficiency 79 %
Peak intensity 2.700 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

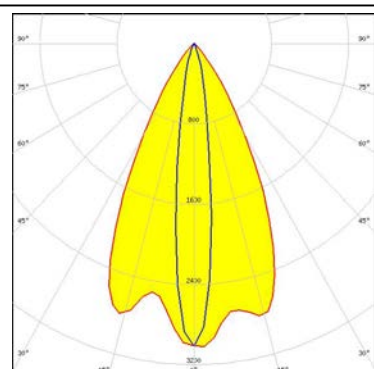
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 54.0 + 14.0°
Efficiency 81 %
Peak intensity 3.000 cd/lm
Required components:



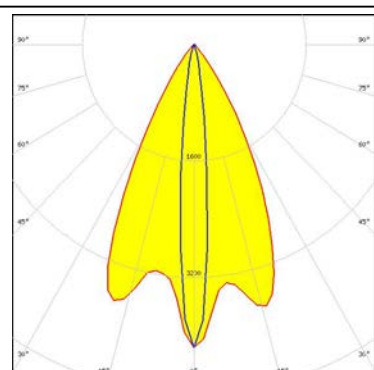
OSRAM
Opto Semiconductors

LED Oslon Square PC
FWHM 54.0 + 15.0°
Efficiency 81 %
Peak intensity 3.000 cd/lm
Required components:



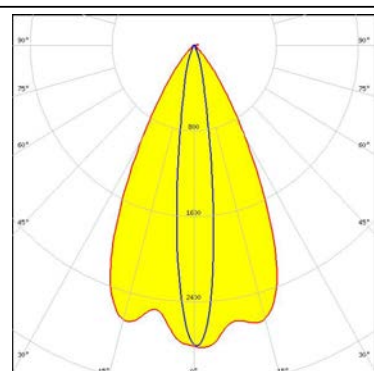
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 54.0 + 11.0°
Efficiency 83 %
Peak intensity 4.200 cd/lm
Required components:



SAMSUNG

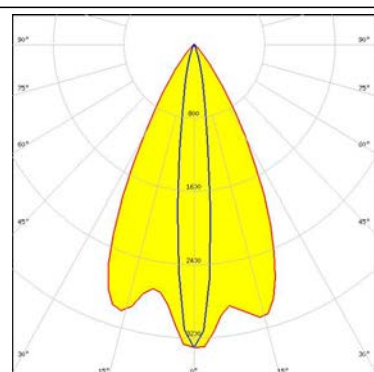
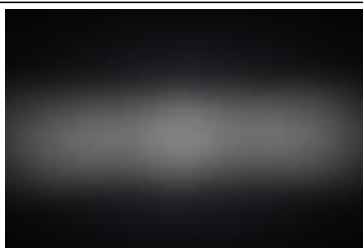
LED LH351B
FWHM 54.0 + 14.0°
Efficiency 84 %
Peak intensity 2.800 cd/lm
Required components:



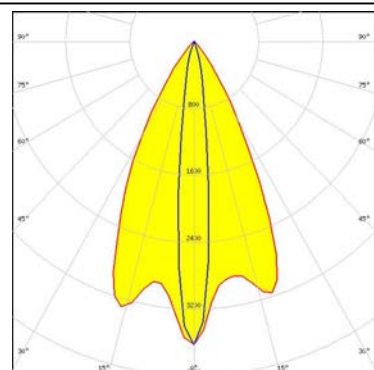
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

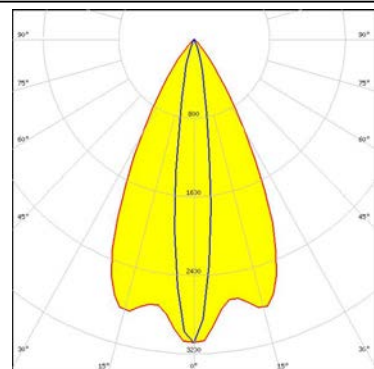
LED LH351Z
FWHM 54.0 + 13.0°
Efficiency 83 %
Peak intensity 3.300 cd/lm
Required components:



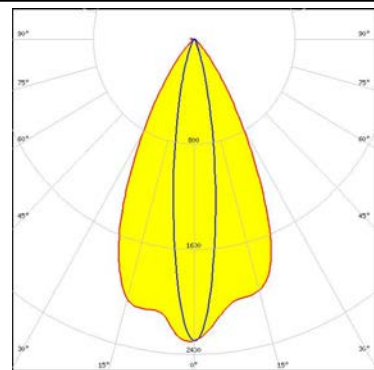
LED Z5
FWHM 54.0 + 13.0°
Efficiency 83 %
Peak intensity 3.600 cd/lm
Required components:



LED Z5M1/Z5M2
FWHM 54.0 + 15.0°
Efficiency 83 %
Peak intensity 3.100 cd/lm
Required components:



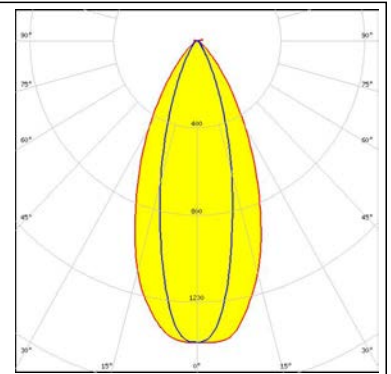
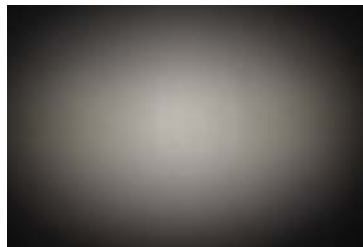
LED Z8Y22P
FWHM 52.0 + 17.0°
Efficiency 77 %
Peak intensity 2.300 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):



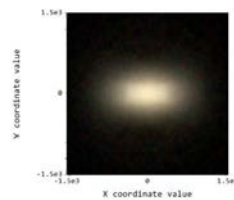
LED Z8Y50P
FWHM 48.0 + 29.0°
Efficiency 73 %
Peak intensity 1.400 cd/lm
Required components:



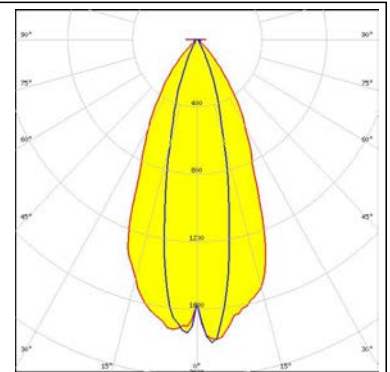
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
FWHM 48.0 + 25.0°
Efficiency 85 %
Peak intensity 1.850 cd/lm
Required components:

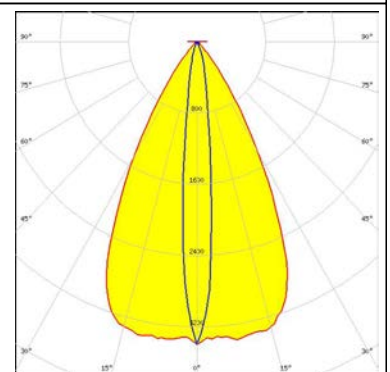


Detector type: Illuminance
OSRAM
Model: OSRAM OSCONIQ P 7070
Power: 1.850 W
Beam diameter: 1.5 mm
Total Power: 1.850 W
Configuration: 1.0 W



OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 57.0 + 11.0°
Efficiency 92 %
Peak intensity 3.400 cd/lm
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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