

VERONICA-SQ-MINI-RS

~17° spot beam

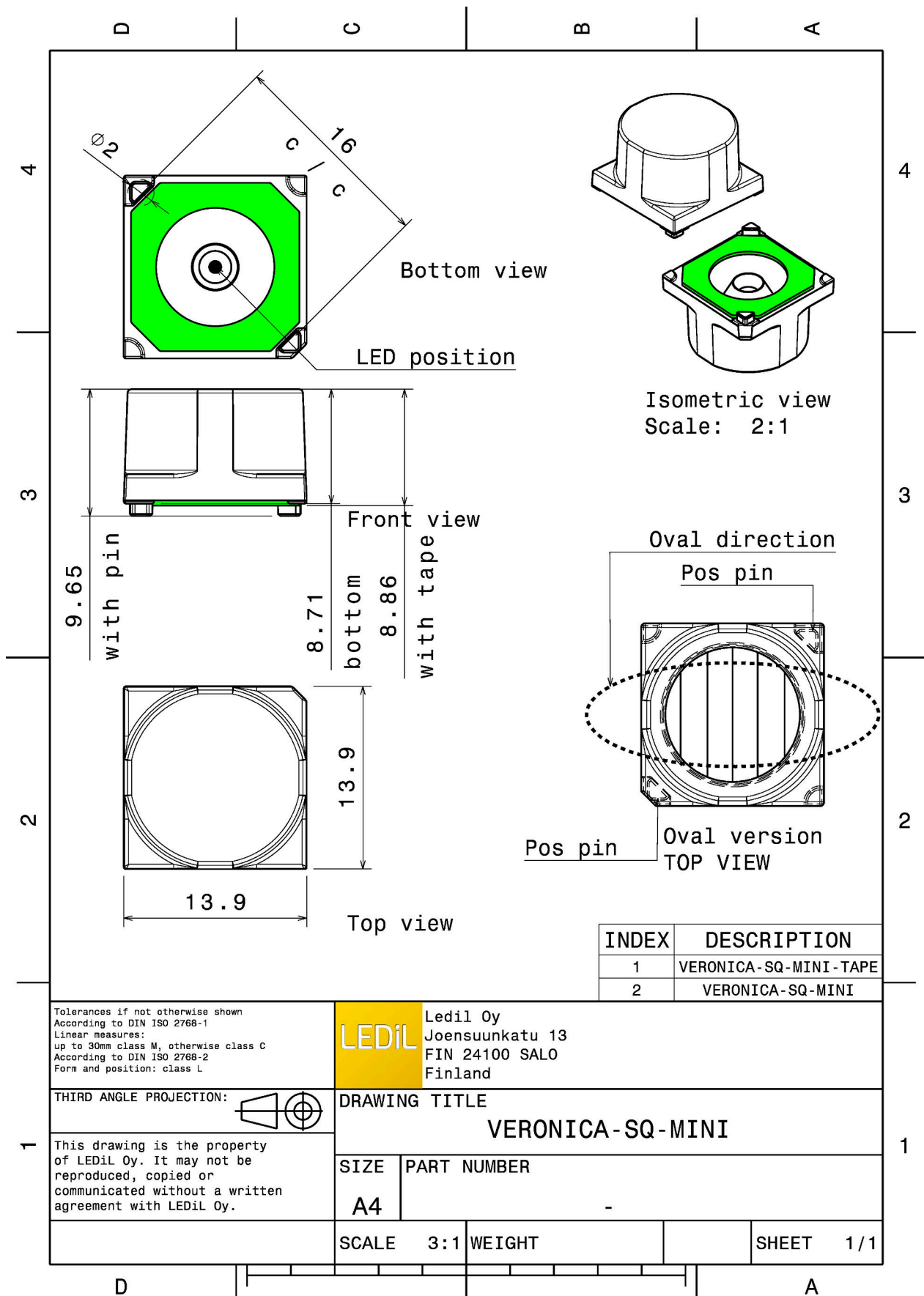
TECHNICAL SPECIFICATIONS:

Dimensions	13.9 mm
Height	8.9 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.6 kg
Quantity in Box	5544 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

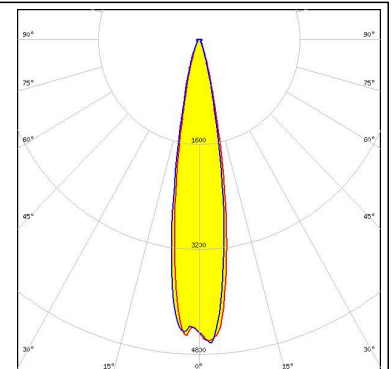
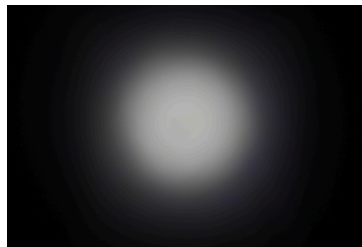
Component	Type	Material	Colour
VERONICA-SQ-MINI-RS	Single lens	PMMA	clear
VERONICA-SQ-MINI-TAPE	Tape	Acrylic foam	clear



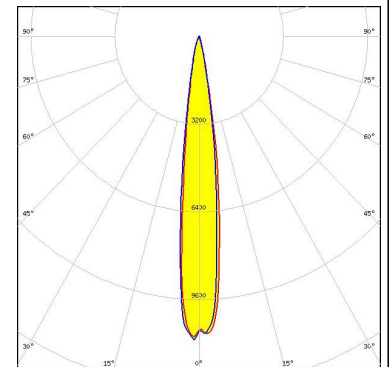
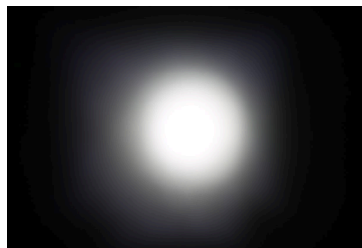
PHOTOMETRIC DATA (MEASURED):



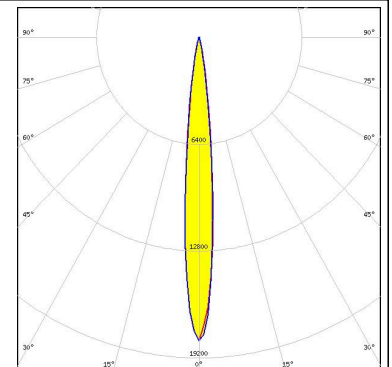
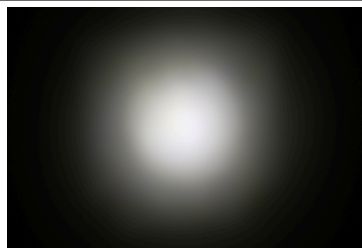
LED XD16
FWHM 19.0°
Efficiency 92 %
Peak intensity 4.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



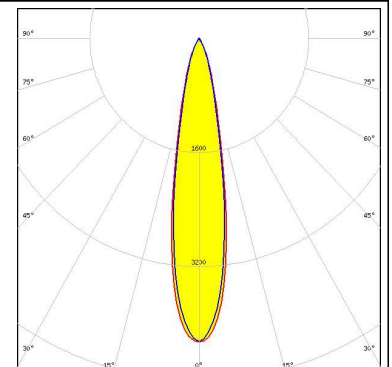
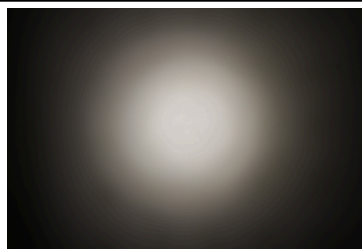
LED XP-E2
FWHM 14.0°
Efficiency 92 %
Peak intensity 11.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM 9.4°
Efficiency 90 %
Peak intensity 14.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



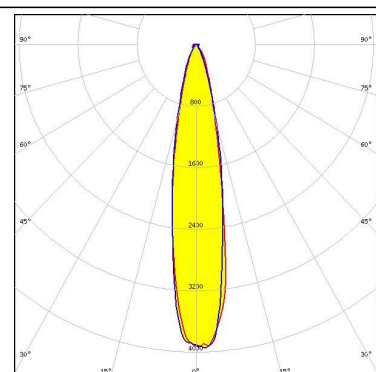
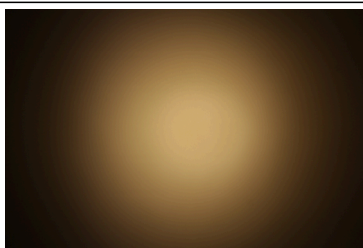
LED LUXEON Rebel ES
FWHM 21.0°
Efficiency 83 %
Peak intensity 4.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



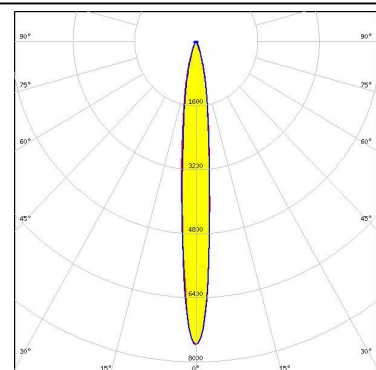
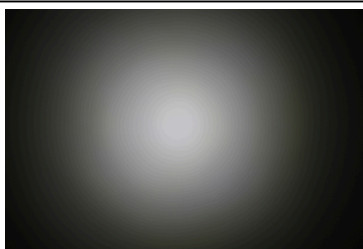
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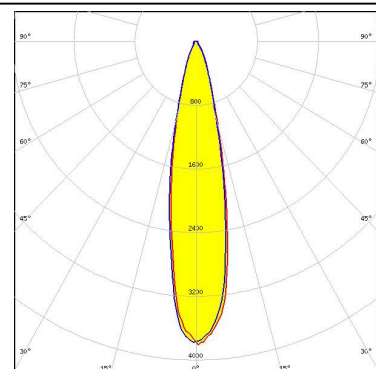
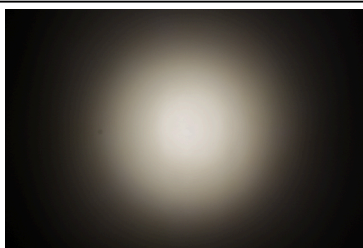
LED LUXEON TX
FWHM 20.0°
Efficiency 92 %
Peak intensity 3.960 cd/lm
LEDs/each optic 1
Light colour White
Required components:



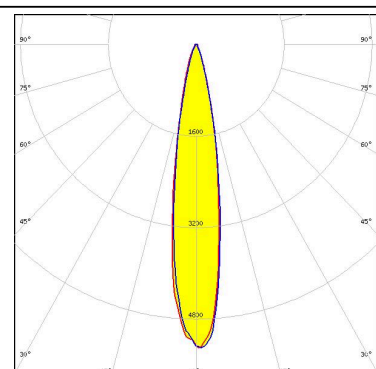
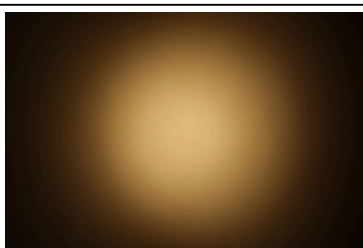
LED NCSxE17A
FWHM 11.0°
Efficiency 92 %
Peak intensity 7.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 21.0°
Efficiency 93 %
Peak intensity 3.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



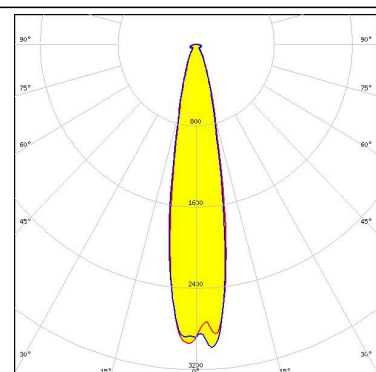
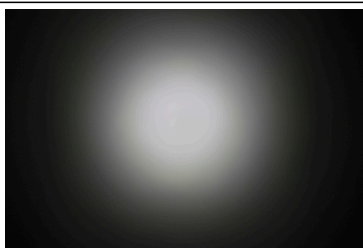
LED OSLOM Square EC
FWHM 18.0°
Efficiency 91 %
Peak intensity 5.330 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

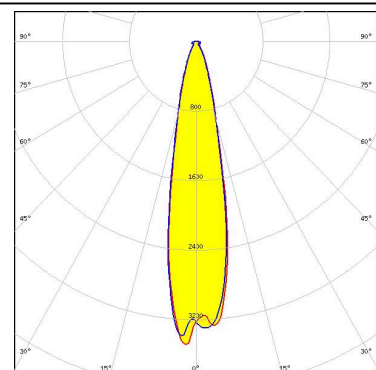
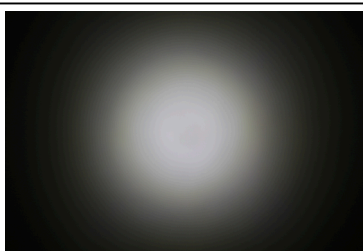
SAMSUNG

LED LH181A
FWHM 21.0°
Efficiency 86 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



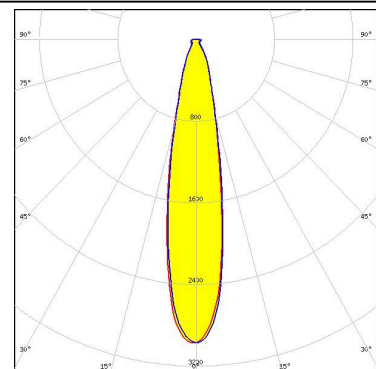
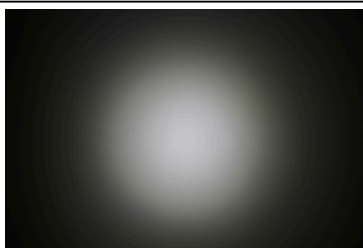
SAMSUNG

LED LH181B
FWHM 22.0°
Efficiency 94 %
Peak intensity 3.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

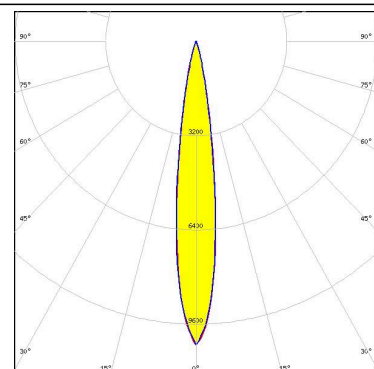
LED Z8Y22P
FWHM 21.0°
Efficiency 92 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



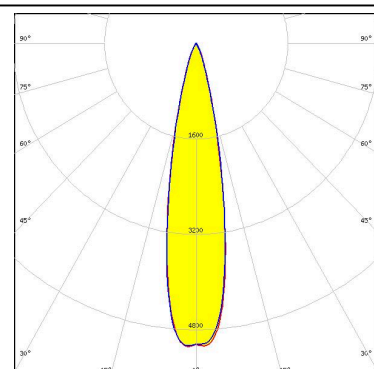
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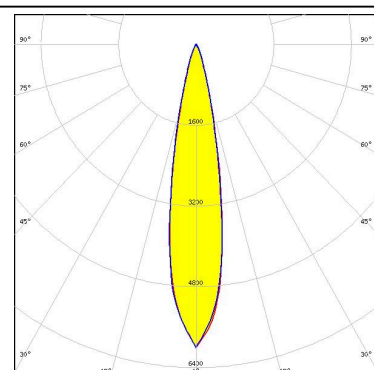
LED XP-E
FWHM 15.0°
Efficiency 92 %
Peak intensity 10.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



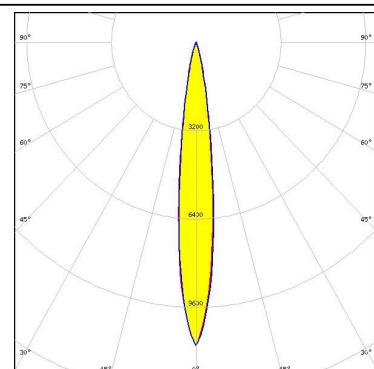
LED XP-G
FWHM 21.0°
Efficiency 91 %
Peak intensity 5.170 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM 20.0°
Efficiency 93 %
Peak intensity 6.010 cd/lm
LEDs/each optic 1
Light colour White
Required components:



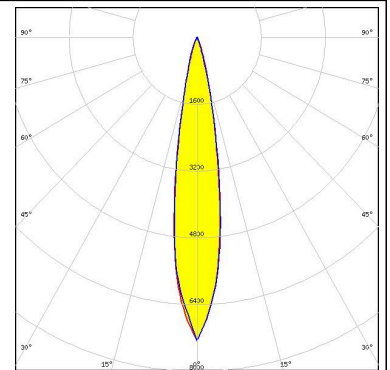
LED XQ-E HD
FWHM 13.0°
Efficiency 89 %
Peak intensity 11.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



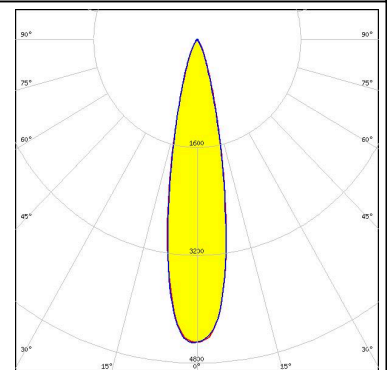
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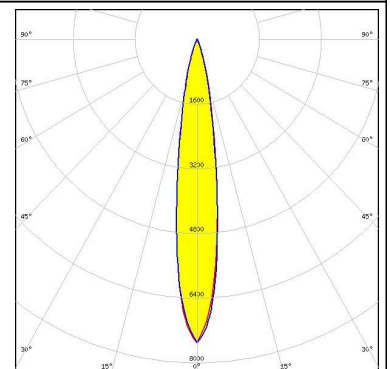
LED H35B0 (LEMWA32)
 FWHM 17.0°
 Efficiency 91 %
 Peak intensity 7.270 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



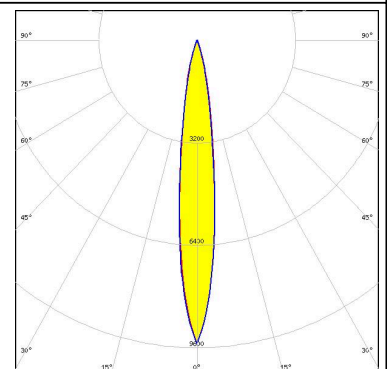
LED LUXEON A
 FWHM 21.0°
 Efficiency 89 %
 Peak intensity 4.540 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Rebel
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 7.510 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



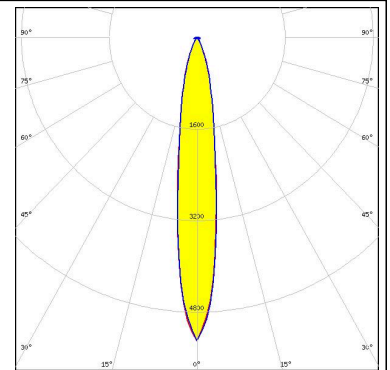
LED LUXEON Z ES
 FWHM 14.0°
 Efficiency 89 %
 Peak intensity 9.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



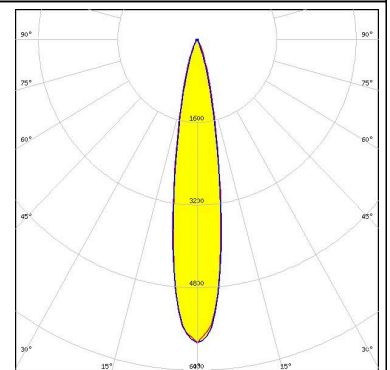
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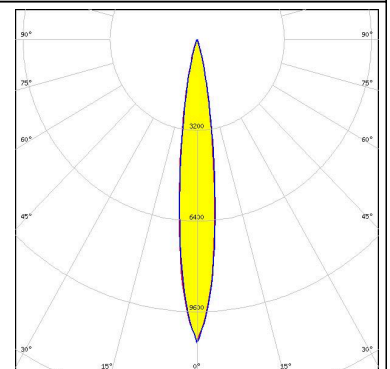
LED NVSxE21A
FWHM 15.0°
Efficiency 94 %
Peak intensity 5.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



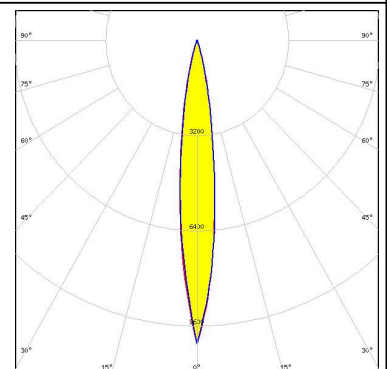
LED OSLOM Square CSSRM2/CSSRM3
FWHM 18.0°
Efficiency 92 %
Peak intensity 5.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM SSL 150
FWHM 14.0°
Efficiency 89 %
Peak intensity 10.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



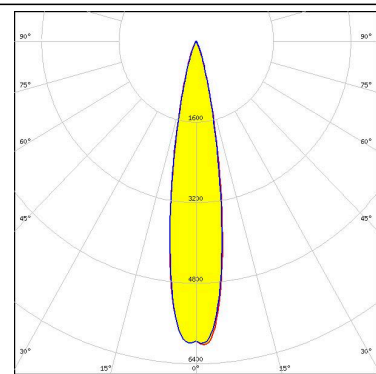
LED OSLOM SSL 80
FWHM 14.0°
Efficiency 90 %
Peak intensity 10.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351Z
 FWHM 19.0°
 Efficiency 92 %
 Peak intensity 6.060 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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