

STRADA-2X2-CAT-B

Narrow catenary street light beam, optimized for EN13201 M-classes and tilted poles

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	7.7 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



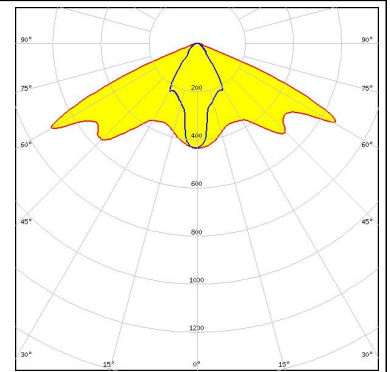
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-2X2-CAT-B	Lens	PMMA	clear

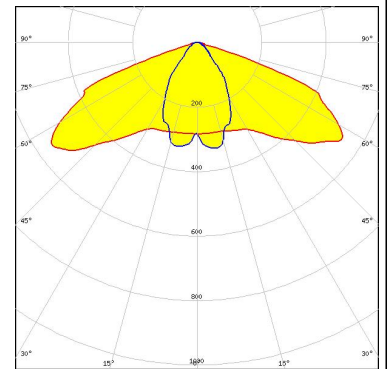
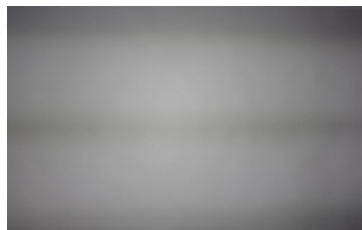
PHOTOMETRIC DATA (MEASURED):



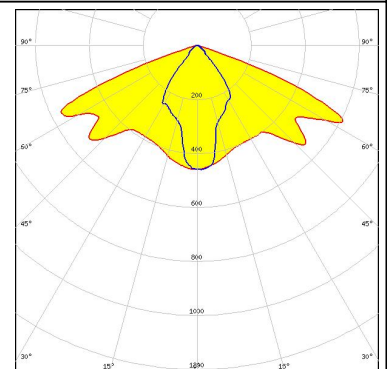
LED XD16
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.700 cd/lm
Required components:



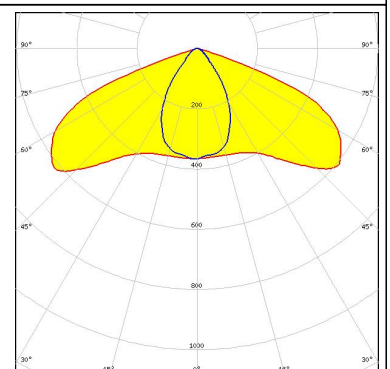
LED XD16 2x2 cluster
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.590 cd/lm
Required components:



LED XP-G2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.610 cd/lm
Required components:



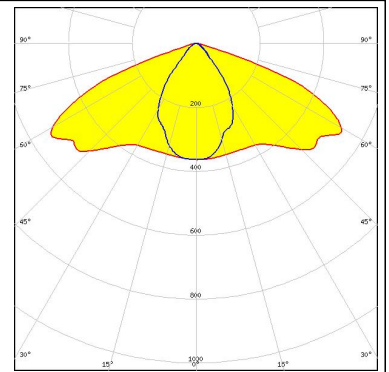
LED LUXEON 5050
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.620 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

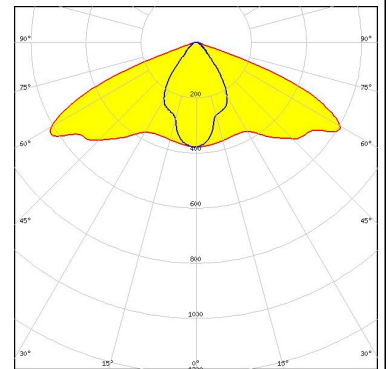
LUMILEDS

LED LUXEON V
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.540 cd/lm
Required components:



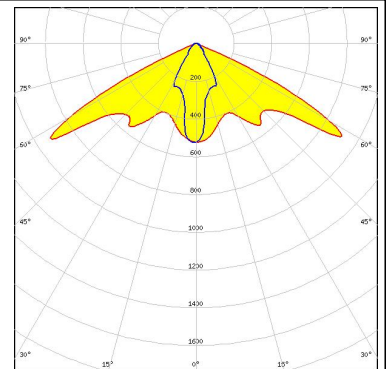
NICHIA

LED NVSW3x9A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.620 cd/lm
Required components:



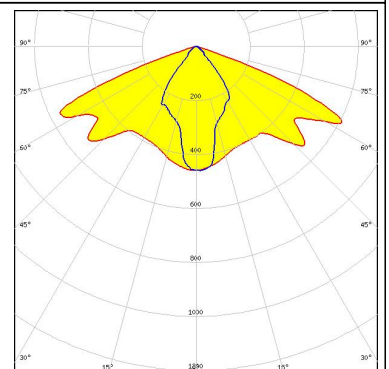
NICHIA

LED NVSxE21A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.920 cd/lm
Required components:




PHILIPS

LED Fortimo FastFlex LED board 2x8 DA G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.610 cd/lm
Required components:



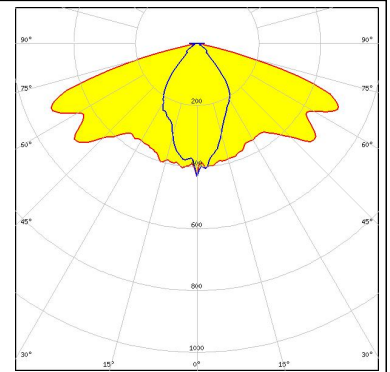
PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR	LED Z8Y22 FWHM Asymmetric Efficiency 94 % Peak intensity 0.710 cd/lm Required components:	
TRIDONIC	LED RLE G2 HP 2x8 4000lm FWHM Asymmetric Efficiency 94 % Peak intensity 0.800 cd/lm Required components:	

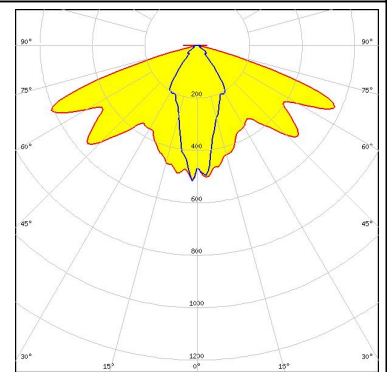
PHOTOMETRIC DATA (SIMULATED):



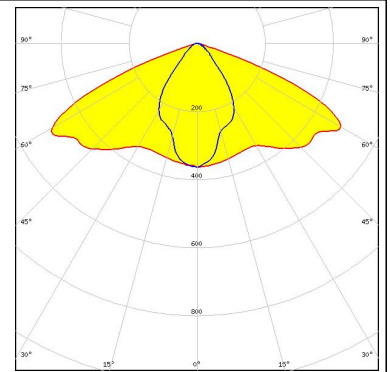
LED XP-G3
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.520 cd/lm
 Required components:



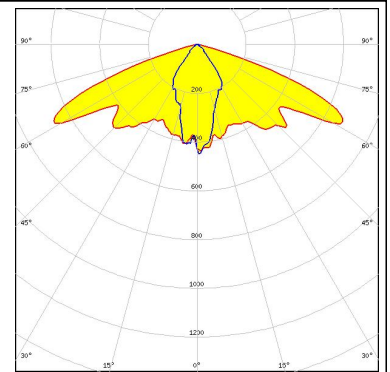
LED XT-E
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.610 cd/lm
 Required components:



LED NVSW3x9A
 FWHM Asymmetric
 Efficiency 86 %
 Peak intensity 0.500 cd/lm
 Required components:
 Undefined Manufacturer: Protective Plate, Glass



LED NVSxx19B/NVSxx19C
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 0.680 cd/lm
 Required components:

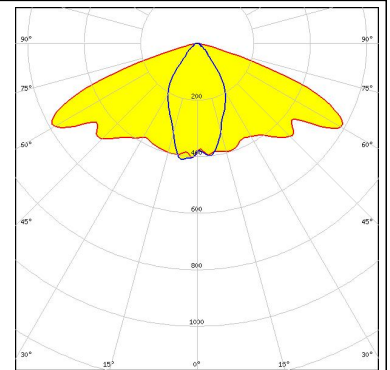


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

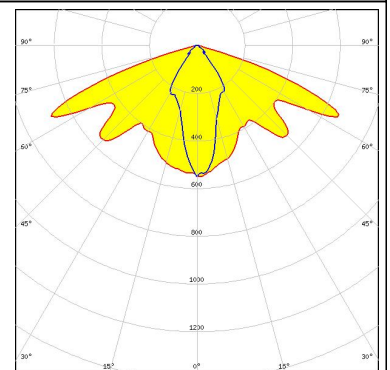
LED OSCONIQ P 3737 (3W version)
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.590 cd/lm
Required components:



OSRAM

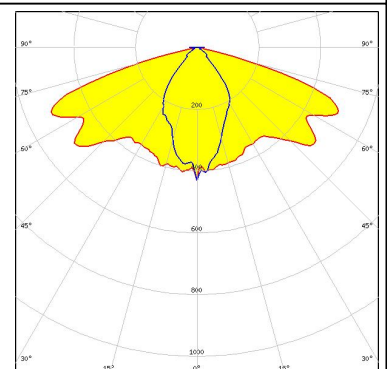
Opto Semiconductors

LED Oslon Square Gen3
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.680 cd/lm
Required components:



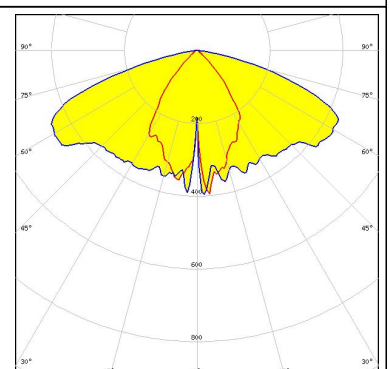
PHILIPS

LED Fortimo FastFlex LED board 2x8 DAX G4
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.520 cd/lm
Required components:



SAMSUNG

LED LH351D
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.460 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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