

STRADA-2X2-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height

TECHNICAL SPECIFICATIONS:

Dimensions	50 x 50 mm
Height	7.1 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



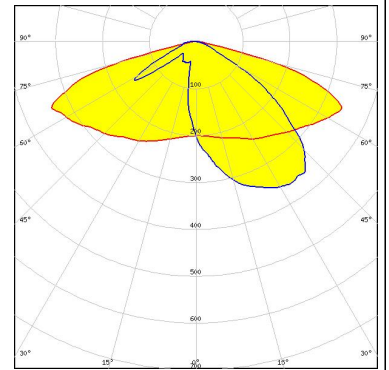
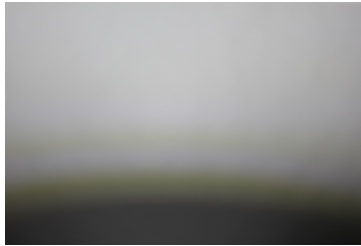
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-2X2-T3	Lens array	PMMA	clear

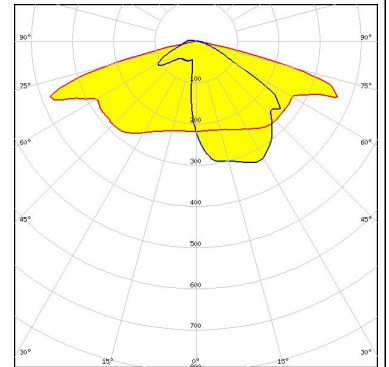
PHOTOMETRIC DATA (MEASURED):



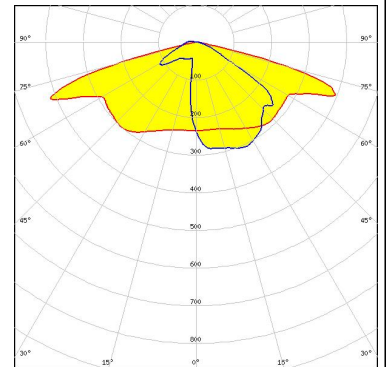
LED SMD 5050
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.520 cd/lm
 Required components:



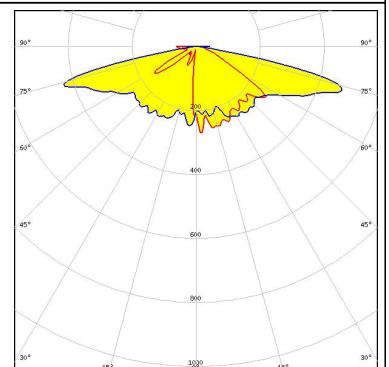
LED QUICK FLUX XTP 2x4 xxx LS G5
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.620 cd/lm
 Required components:



LED QUICK FLUX XTP 2x6 xxx LS G5
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.640 cd/lm
 Required components:



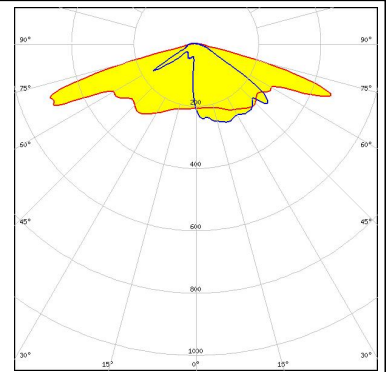
LED XB-D
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 Required components:



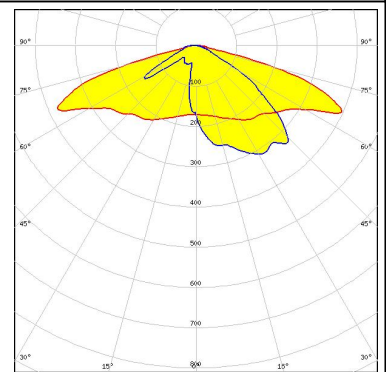
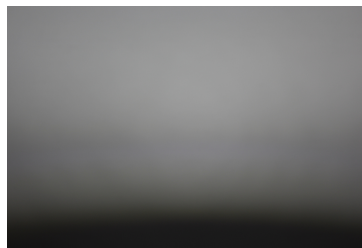
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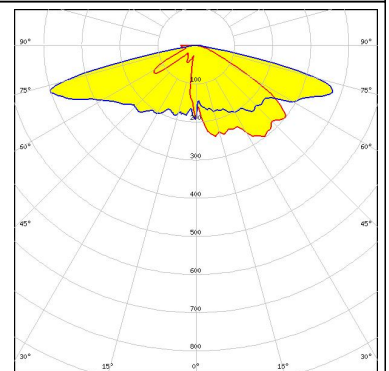
LED XD16
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.860 cd/lm
 Required components:



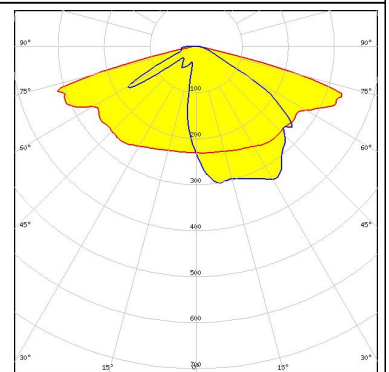
LED XD16 2x2 cluster
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.600 cd/lm
 Required components:



LED XM-L
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 Required components:



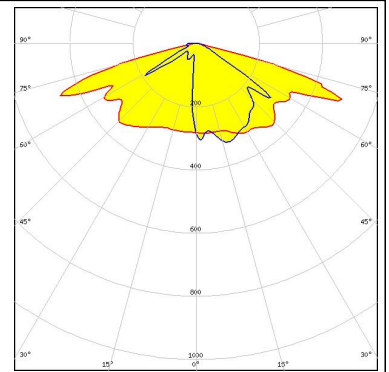
LED XM-L2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.540 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

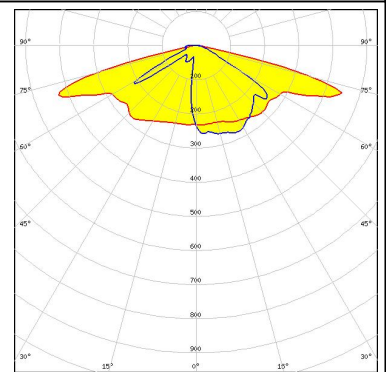
CREE ⇄

LED XP-E2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.800 cd/lm
Required components:



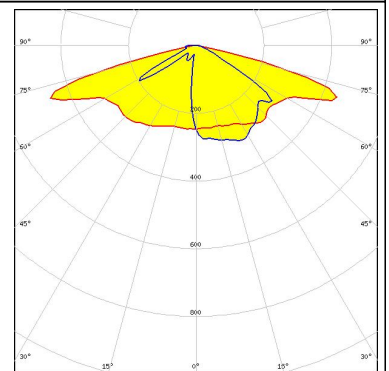
CREE ⇄

LED XP-G
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



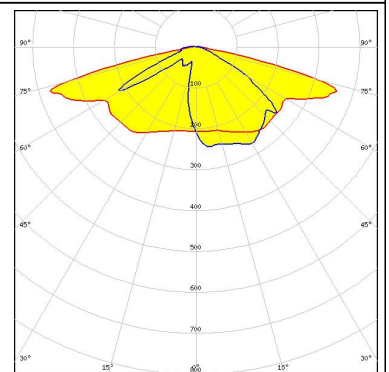
CREE ⇄

LED XP-G2
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.680 cd/lm
Required components:



CREE ⇄

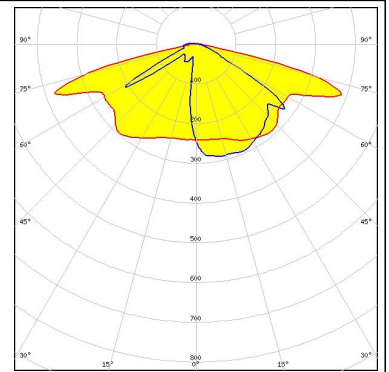
LED XP-L
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.540 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

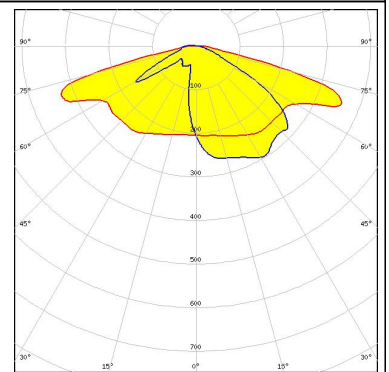
CREE ⇄

LED XP-L HI
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.650 cd/lm
Required components:



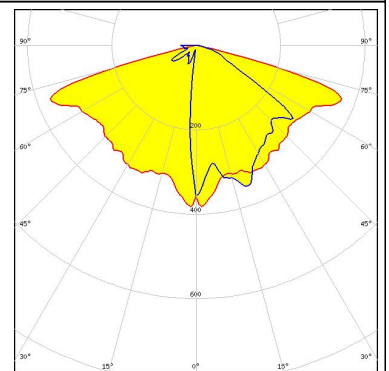
CREE ⇄

LED XP-L2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.560 cd/lm
Required components:



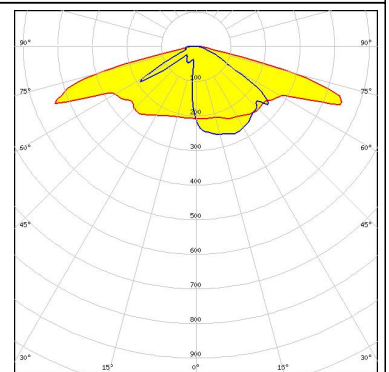
CREE ⇄

LED XQ-E
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
Required components:



CREE ⇄

LED XT-E
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.730 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

LG Innotek

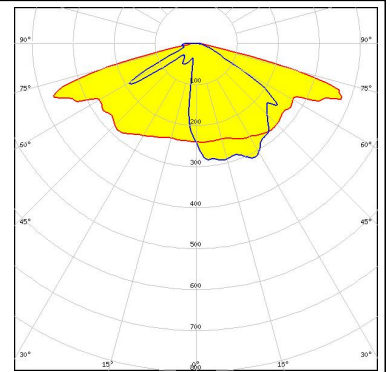
LED H35C0 (LEMWA33)

FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.610 cd/lm

Required components:



LG Innotek

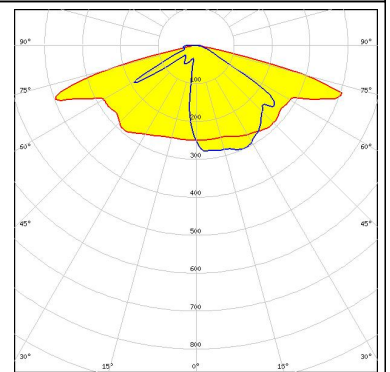
LED H35C1 (LEMWA33)

FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.700 cd/lm

Required components:



LUMILEDS

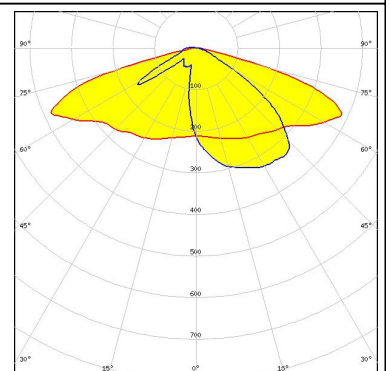
LED LUXEON 5050

FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.550 cd/lm

Required components:



LUMILEDS

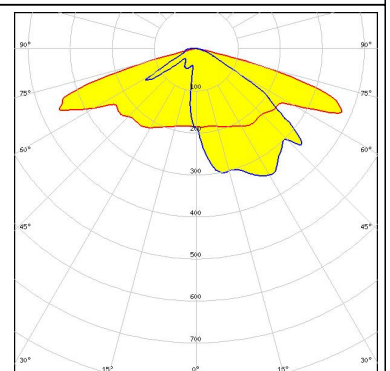
LED LUXEON MZ

FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.680 cd/lm

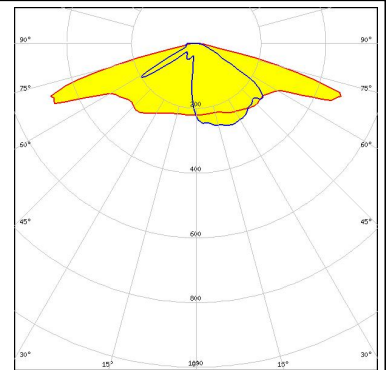
Required components:



PHOTOMETRIC DATA (MEASURED):

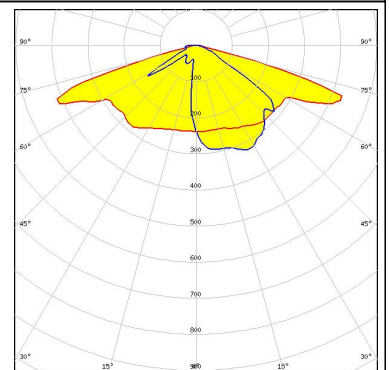
LUMILEDS

LED LUXEON Q
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



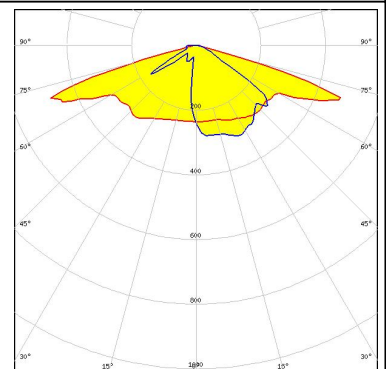
LUMILEDS

LED LUXEON R
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.740 cd/lm
Required components:



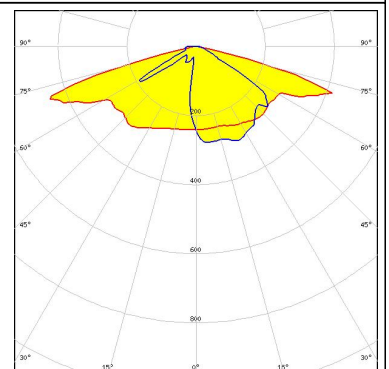
LUMILEDS

LED LUXEON Rebel ES
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.720 cd/lm
Required components:



LUMILEDS

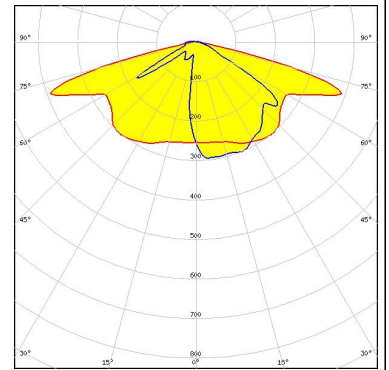
LED LUXEON T
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.670 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

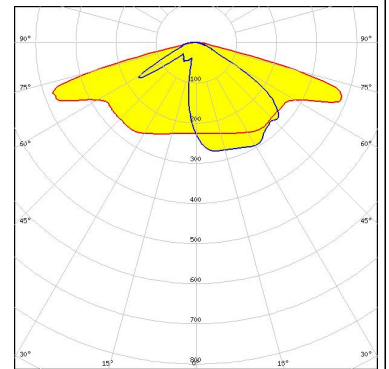
LUMILEDS

LED LUXEON TX
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.660 cd/lm
 Required components:



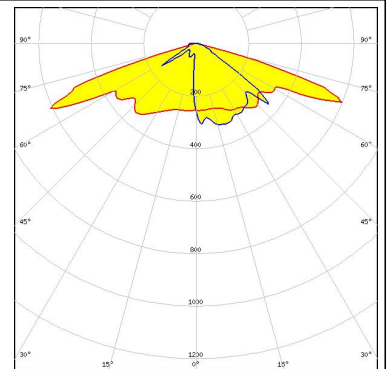
LUMILEDS

LED LUXEON V
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.570 cd/lm
 Required components:



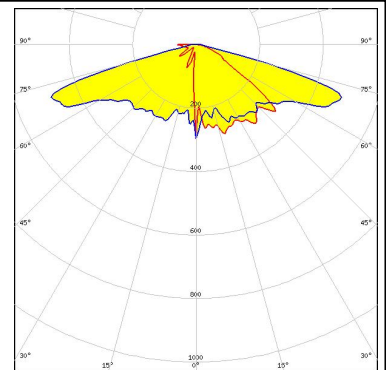
LUMILEDS

LED LUXEON Z ES
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.930 cd/lm
 Required components:



NICHIA

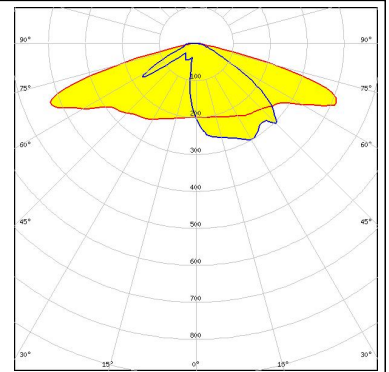
LED NCSxx19A
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 Required components:



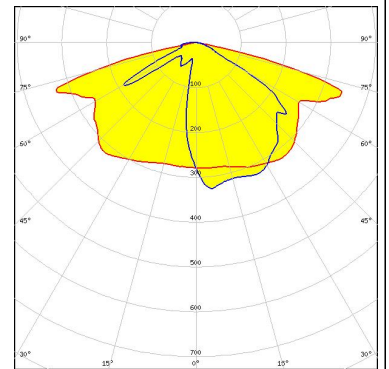
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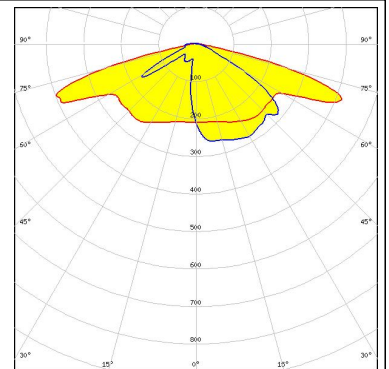
LED NS9x383
 FWHM Asymmetric
 Efficiency 95 %
 Peak intensity 0.600 cd/lm
 Required components:



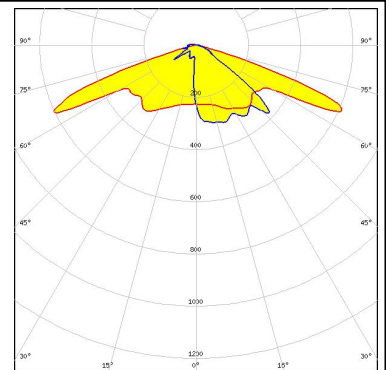
LED NVSW219D
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.550 cd/lm
 Required components:



LED NVSW3x9A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.670 cd/lm
 Required components:



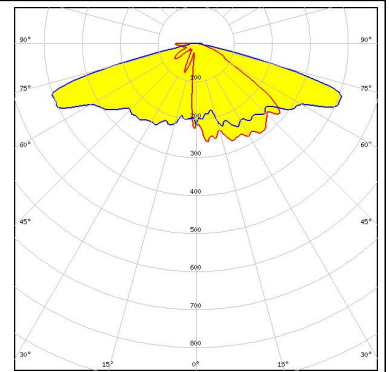
LED NVSxE21A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.040 cd/lm
 Required components:



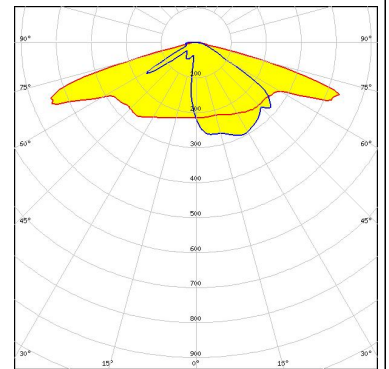
PHOTOMETRIC DATA (MEASURED):



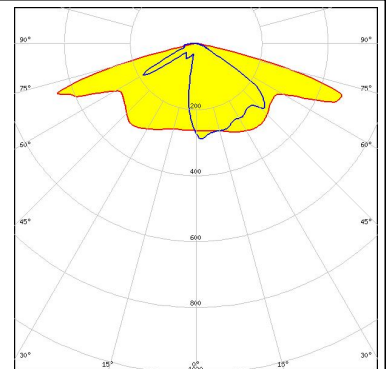
LED NVSxx19A
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
Required components:



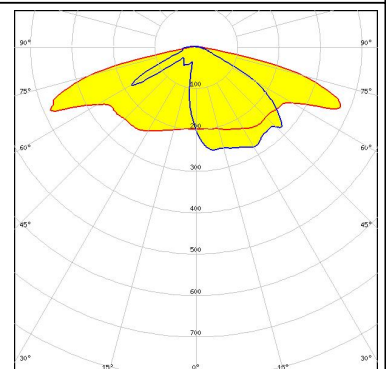
LED NVSxx19B/NVSxx19C
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.710 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.640 cd/lm
Required components:



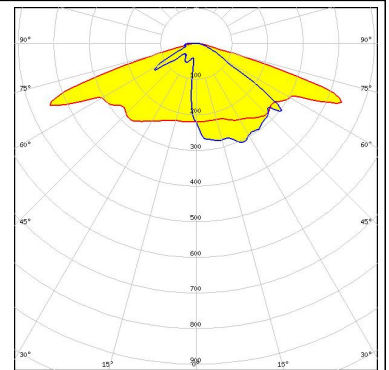
LED NWSx229A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.590 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

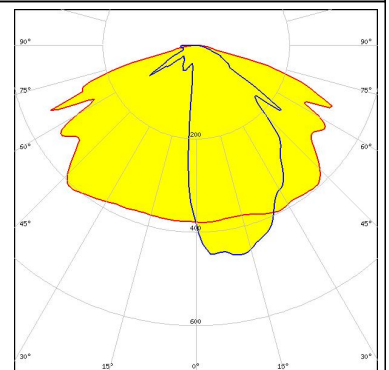
OSRAM
Opto Semiconductors

LED Oslon Square PC
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.690 cd/lm
Required components:



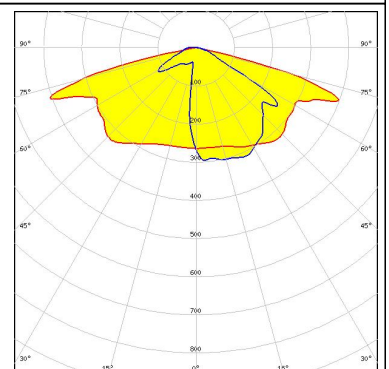
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.580 cd/lm
Required components:



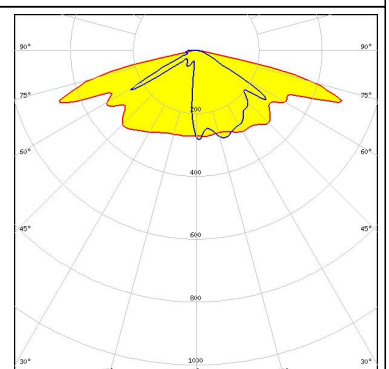
PHILIPS

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



SAMSUNG

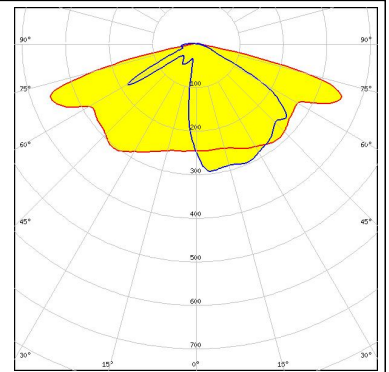
LED LH351A(3535)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.750 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

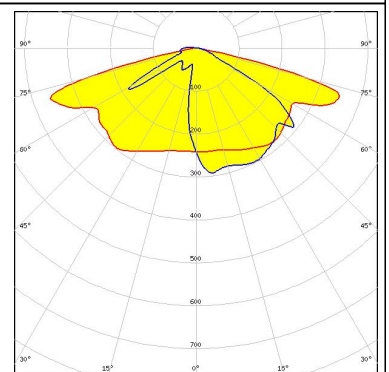
SAMSUNG

LED LH351B
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.560 cd/lm
Required components:



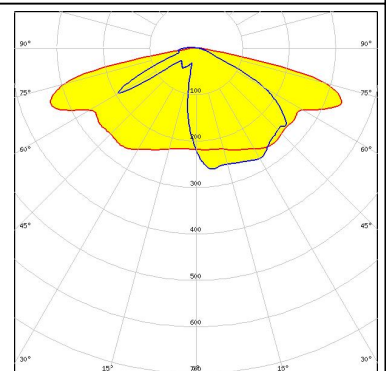
SAMSUNG

LED LH351C
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.600 cd/lm
Required components:



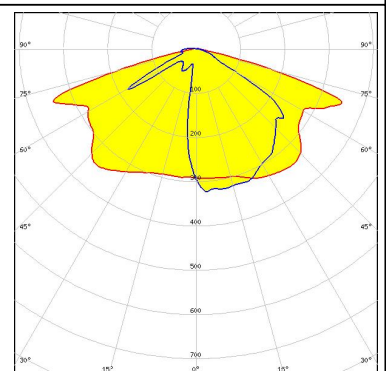
SAMSUNG

LED LH351D
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.520 cd/lm
Required components:



SAMSUNG

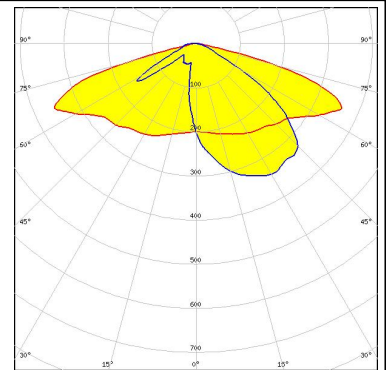
LED LH351Z
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.590 cd/lm
Required components:



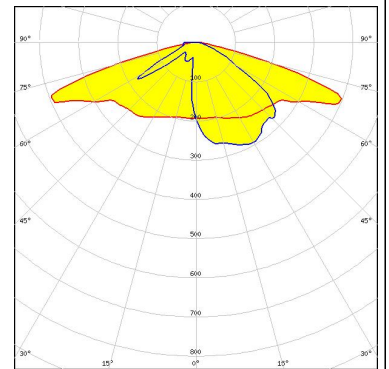
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

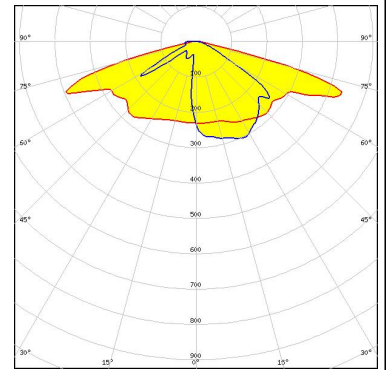
LED LH508A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.550 cd/lm
 Required components:



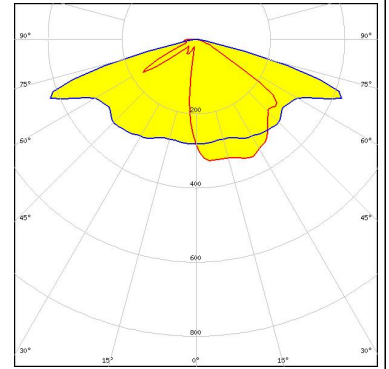
SEOUL SEMICONDUCTOR
 LED Acrich MJT 4040
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.650 cd/lm
 Required components:



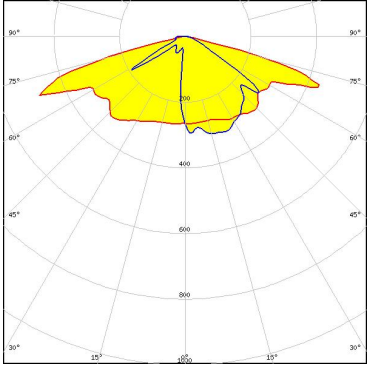
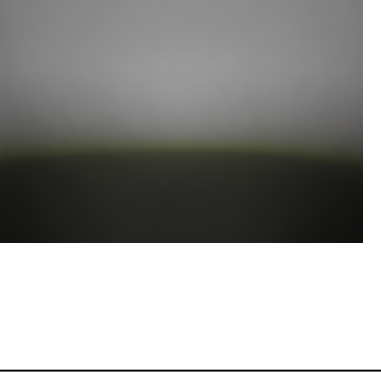
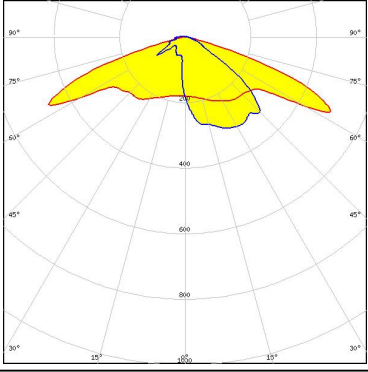
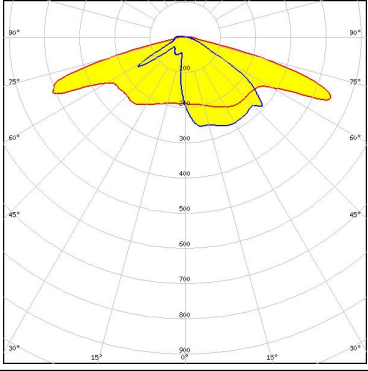
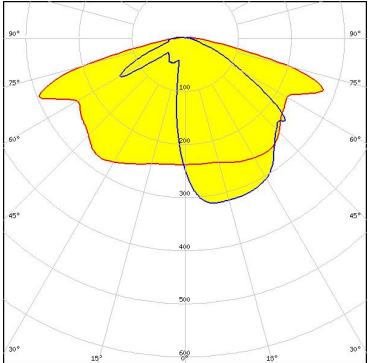
SEOUL SEMICONDUCTOR
 LED Z5M
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.700 cd/lm
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.700 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

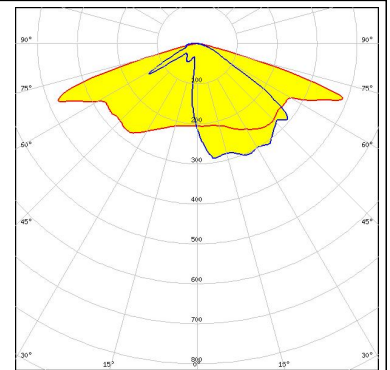
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z5P FWHM Asymmetric Efficiency 94 % Peak intensity 0.720 cd/lm Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22 FWHM Asymmetric Efficiency 94 % Peak intensity 0.850 cd/lm Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM Asymmetric Efficiency 94 % Peak intensity 0.720 cd/lm Required components:</p>		
<p>TOSHIBA Leading Innovation >>></p> <p>LED TL1L3 FWHM Asymmetric Efficiency 94 % Peak intensity 0.480 cd/lm Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

TOSHIBA

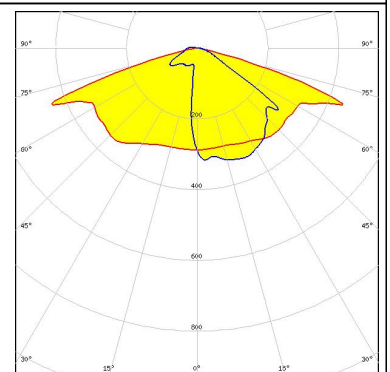
Leading Innovation >>>

LED TL1L4
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.640 cd/lm
Required components:



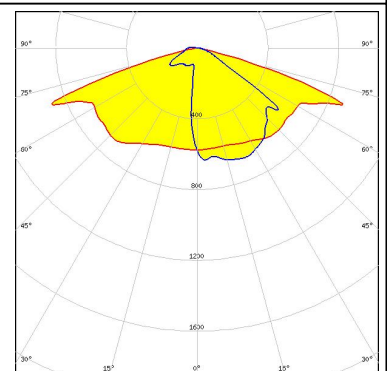
TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.660 cd/lm
Required components:



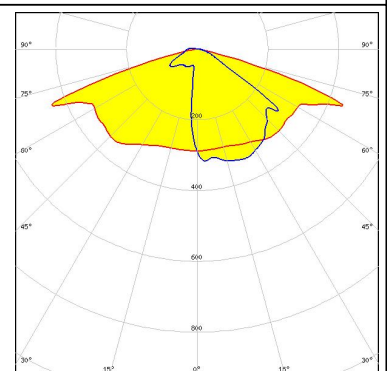
TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.660 cd/lm
Required components:



TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.660 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

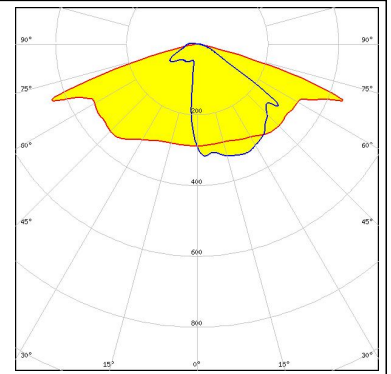
LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.660 cd/lm

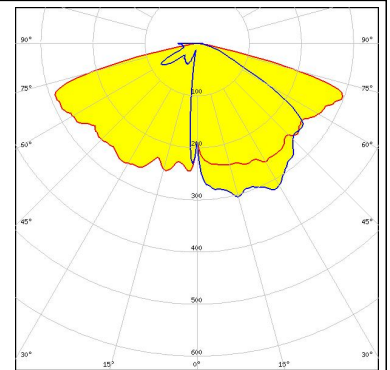
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XB-H
FWHM Asymmetric
Efficiency 91 %
Peak intensity cd/lm
Required components:



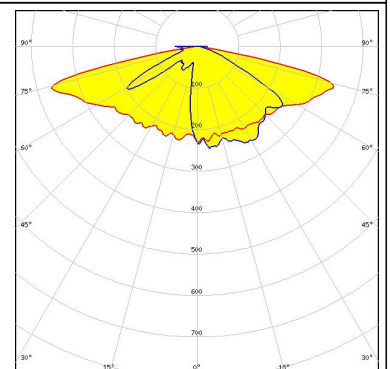
LED XHP35 HD
FWHM Asymmetric
Efficiency 90 %
Peak intensity cd/lm
Required components:



LED XHP35 HI
FWHM Asymmetric
Efficiency 92 %
Peak intensity cd/lm
Required components:



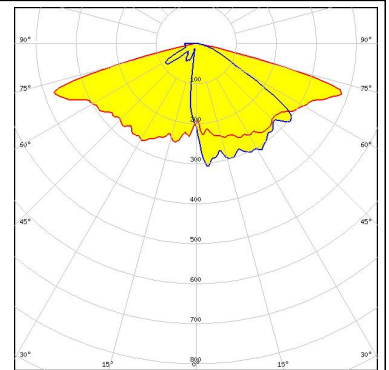
LED XP-G3
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.560 cd/lm
Required components:



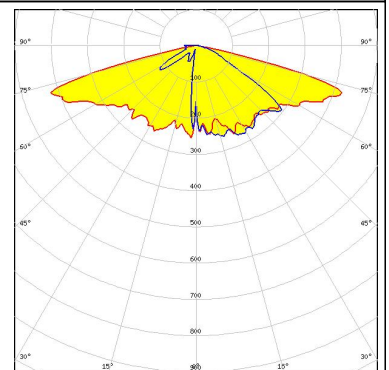
PHOTOMETRIC DATA (SIMULATED):



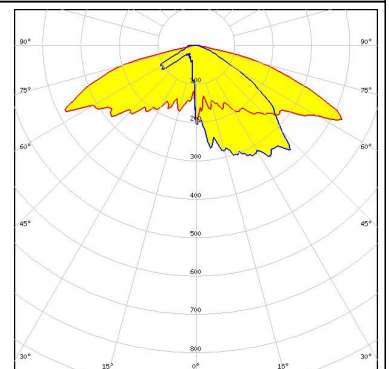
LED LUXEON H50-2
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
Required components:



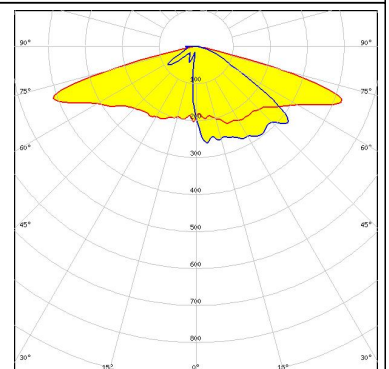
LED PrevaLED Brick DC 2x8
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.650 cd/lm
Required components:



LED Duris S8
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.590 cd/lm
Required components:



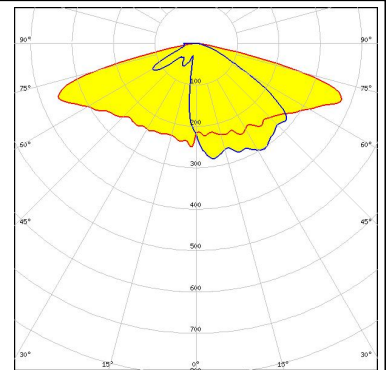
LED OSCONIQ P 3737 (2W version)
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.680 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

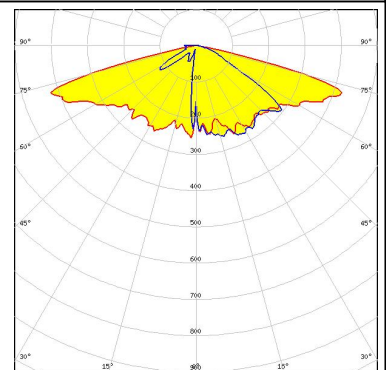
OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.590 cd/lm
Required components:



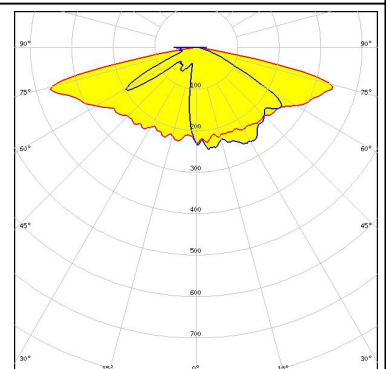
OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.650 cd/lm
Required components:



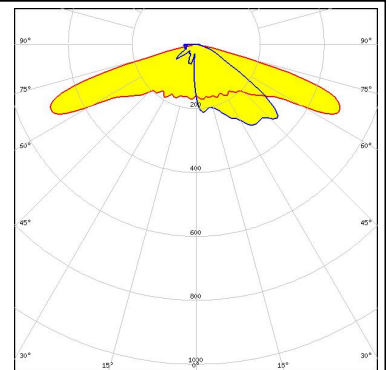
PHILIPS

LED Fortimo FastFlex LED board 2x8 DAX G4
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.000 cd/lm
Required components:

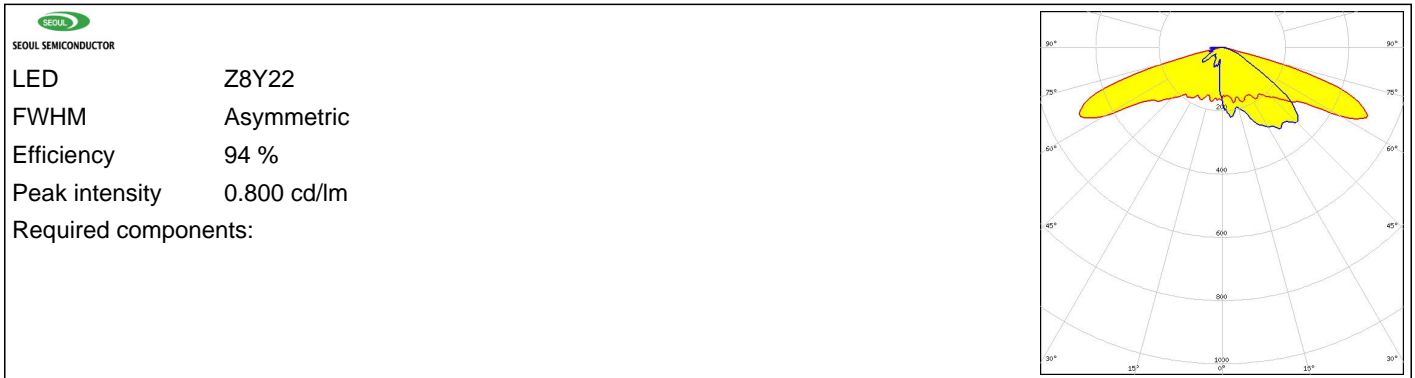


SEOL
SEOUL SEMICONDUCTOR

LED Z8Y19
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.810 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



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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