

STRADELLA-8-HV-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks. Variant with improved creepage distance for high voltage circuit designs.

SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	5.5 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ



MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-8-HV-VSM	Multi-lens	PMMA	clear	

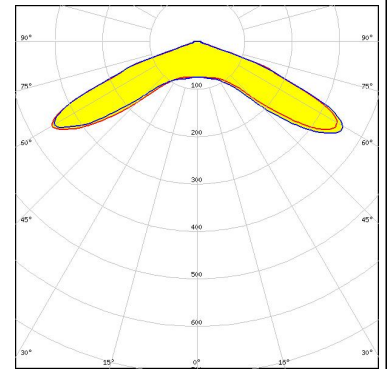
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15986_STRADELLA-8-HV-VSM » Box size: 480 x 280 x 300 mm	800	160	160	5.3

OPTICAL RESULTS (MEASURED):

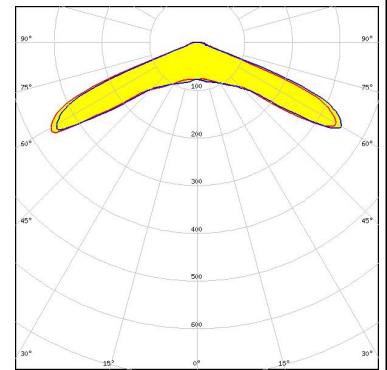
CREE LED

LED J Series 3030
 FWHM / FWTM 136.0° / 144.0°
 Efficiency 98 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XD16
 FWHM / FWTM 136.0° / 144.0°
 Efficiency 0 %
 Peak intensity 94 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XT-E
 FWHM / FWTM 147.0° / 165.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

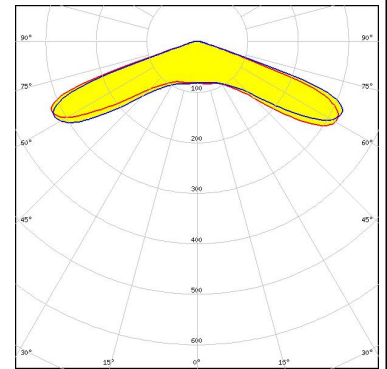
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 137.0° / 143.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

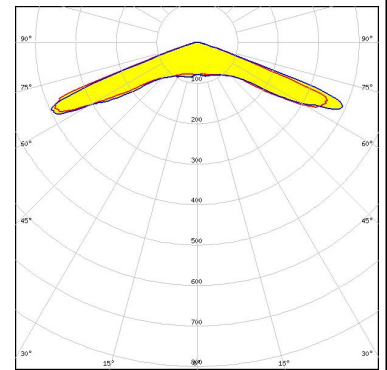
LUMILEDS

LED LUXEON V2
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



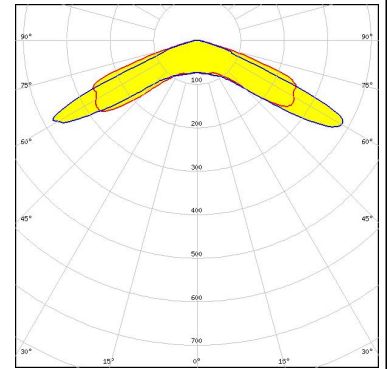
LUMINUS

LED SST-10-B130
 FWHM / FWTM 139.0° / 150.0°
 Efficiency 97 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



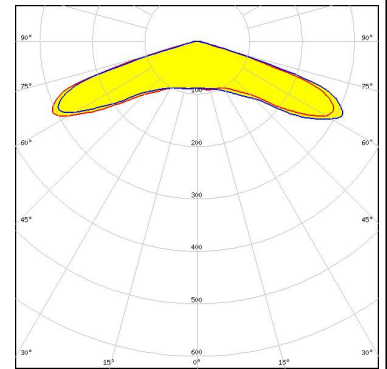
NICHIA

LED NF2W585AR
 FWHM / FWTM 140.0° / 156.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSW219D
 FWHM / FWTM 145.0° / 154.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

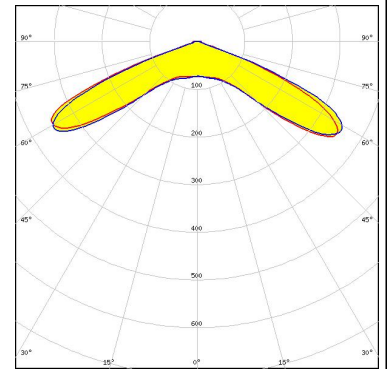


OPTICAL RESULTS (MEASURED):

OSRAM

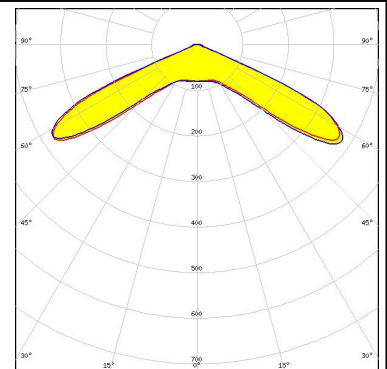
Opto Semiconductors

LED OSCONIQ S 3030 (QSLR31)
 FWHM / FWTM 136.0° / 143.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



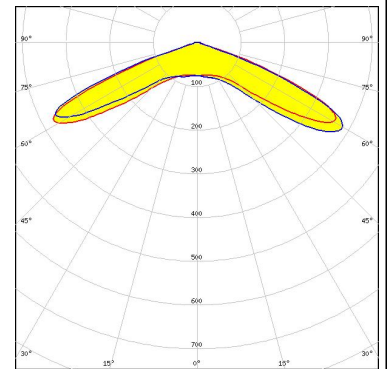
PHILIPS

LED Fortimo FastFlex LED 4x8up PR G5
 FWHM / FWTM 132.0° / 137.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



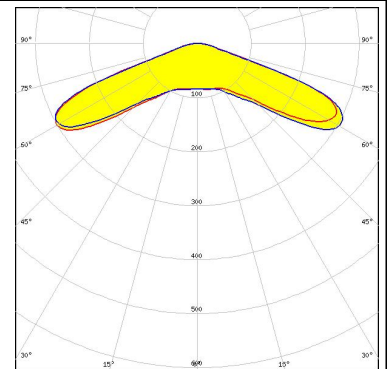
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM / FWTM 141.0° / 159.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



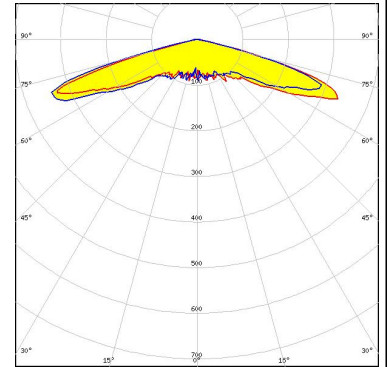
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

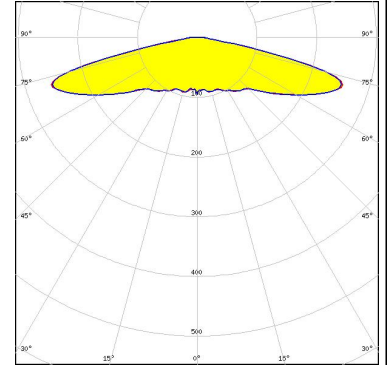
CREE LED

LED XP-G2
 FWHM / FWTM 148.0° / 156.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



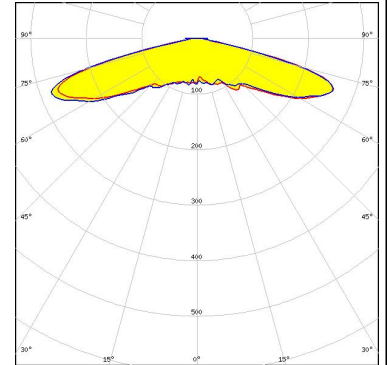
CREE LED

LED XP-G2 HE
 FWHM / FWTM 156.0° / 166.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-G3
 FWHM / FWTM 152.0° / 162.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



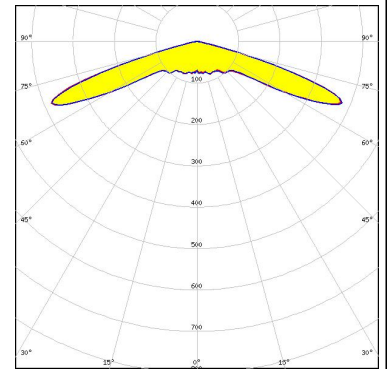
LUMILEDS

LED LUXEON 3535 2D
 FWHM / FWTM 143.0° / 155.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON CZ
FWHM / FWTM 146.0° / 154.0°
Efficiency 96 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

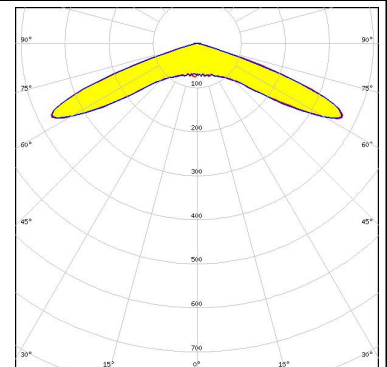
LED LUXEON FlipChip White 10
FWHM / FWTM 136.0° / 149.0°
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NF2x757D
FWHM / FWTM 140.0° / 146.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM

Opto Semiconductors
LED OSCONIQ C 2424
FWHM / FWTM 140.0° / 148.0°
Efficiency 96 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

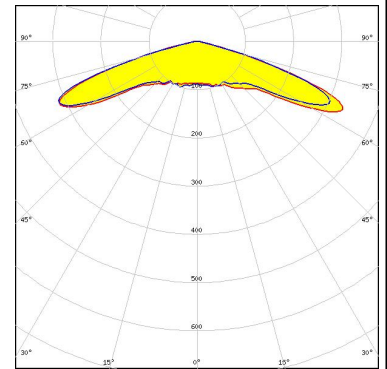


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

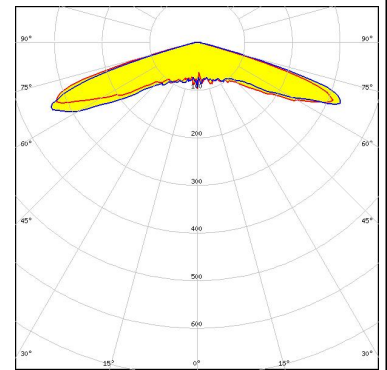
LED OSCONIQ P 3030
 FWHM / FWTM 146.0° / 157.0°
 Efficiency 96 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

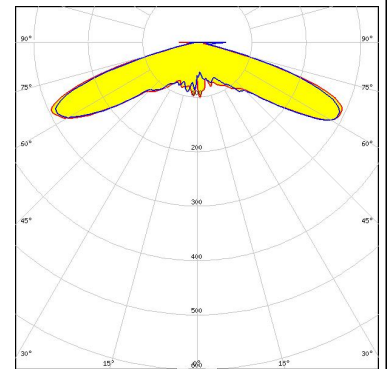
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 144.0° / 156.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



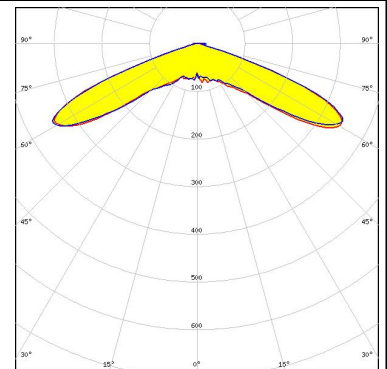
SAMSUNG

LED LH181A
 FWHM / FWTM 150.0° / 160.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH181B
 FWHM / FWTM 140.0° / 146.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

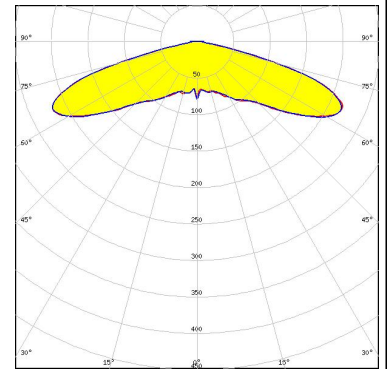


OPTICAL RESULTS (SIMULATED):

SAMSUNG

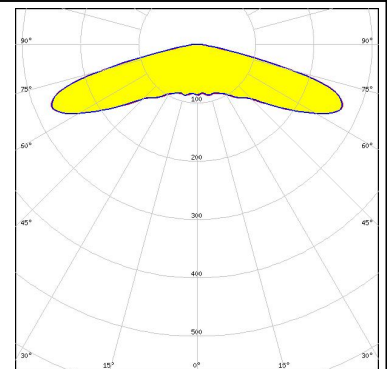
LED LH351C
 FWHM / FWTM 150.0° / 160.0°
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



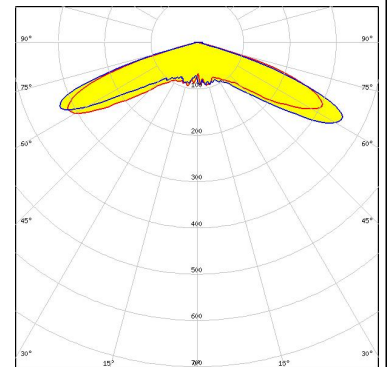
SAMSUNG

LED LH351C
 FWHM / FWTM 152.0° / 162.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



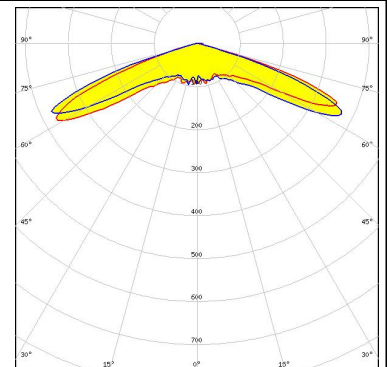
SEOUL SEMICONDUCTOR

LED SEOUL 3030
 FWHM / FWTM Asymmetric
 Efficiency 99 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL 3030
 FWHM / FWTM Asymmetric
 Efficiency 99 %
 Peak intensity 0.6 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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