

STRADELLA-8-HV-HB-S

~25° spot beam for industrial applications.
Variant with improved creepage distance for
high voltage circuit designs.

SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	7.5 mm
Fastening	screw
ROHS compliant	yes ⓘ

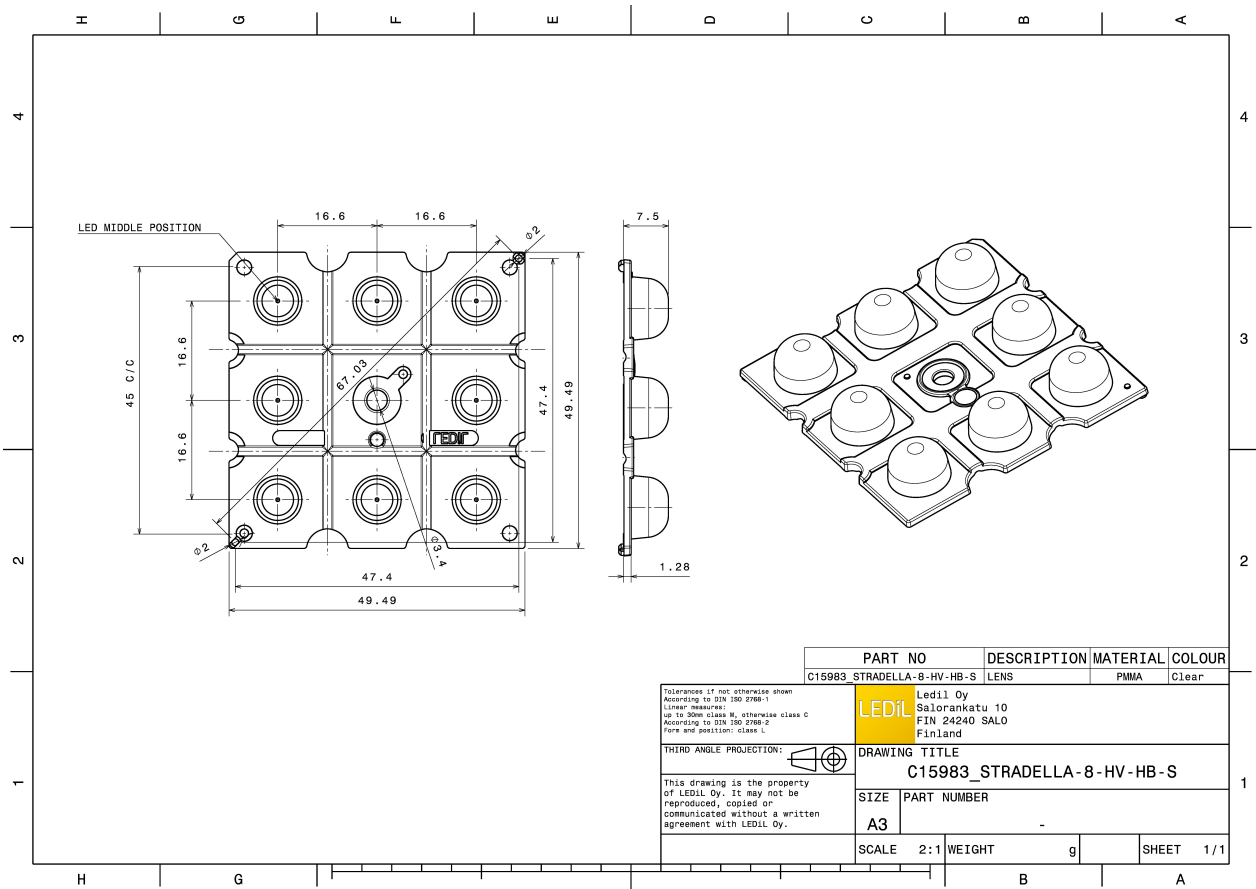


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15983_STRADELLA-8-HV-HB-S » Box size: 480 x 280 x 300 mm	800	160	160	5.0

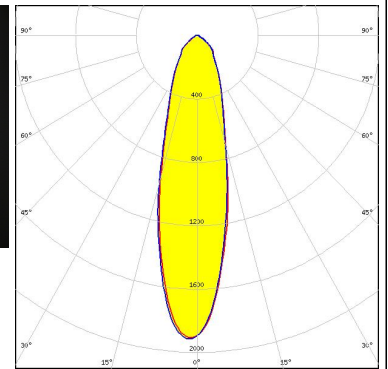


See also our general installation guide: www.ledil.com/installation_guide

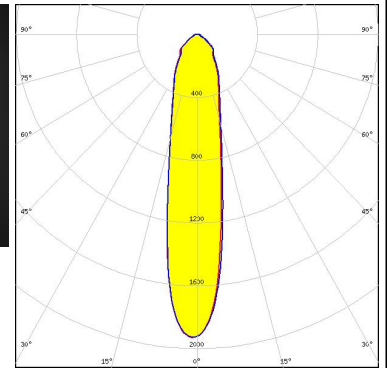
OPTICAL RESULTS (MEASURED):



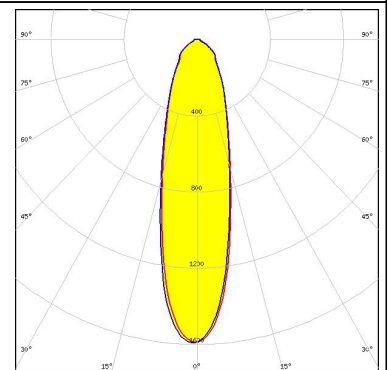
LED J Series 3030
 FWHM / FWTM 27.0° / 75.0°
 Efficiency 96 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



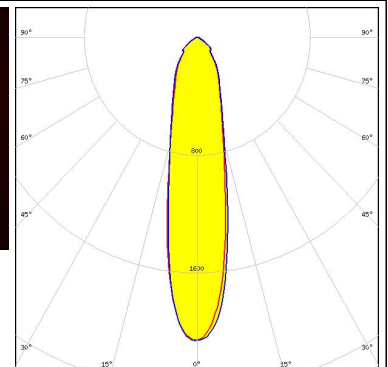
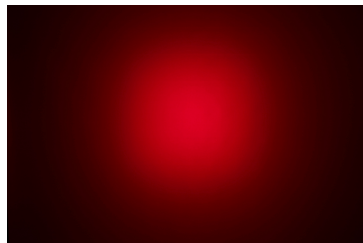
LED XD16
 FWHM / FWTM 21.0° / 74.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM / FWTM 27.0° / 81.0°
 Efficiency 94 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SST-10-B130
 FWHM / FWTM 23.0° / 75.0°
 Efficiency 96 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:

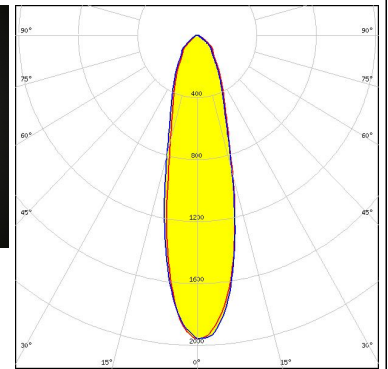


OPTICAL RESULTS (MEASURED):

OSRAM

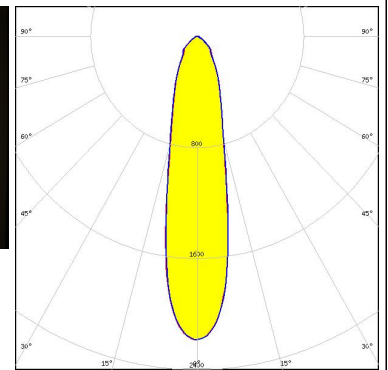
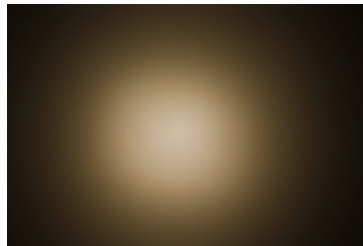
Opto Semiconductors

LED OSCONIQ S 3030 (QSLR31)
FWHM / FWTM 27.0° / 74.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



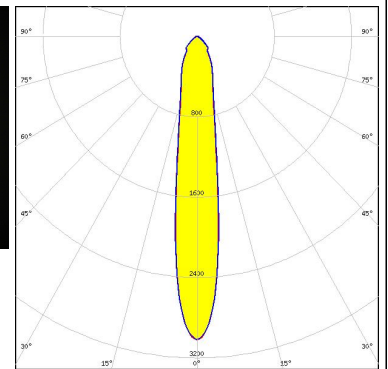
PHILIPS

LED Fortimo FastFlex LED 4x8up PR G5
FWHM / FWTM 23.0° / 69.0°
Efficiency 94 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



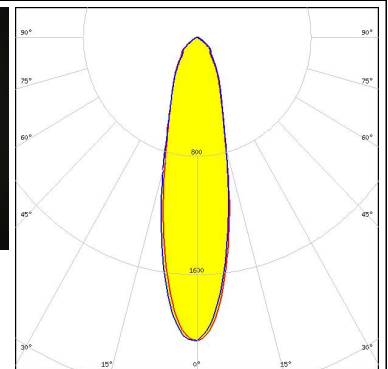
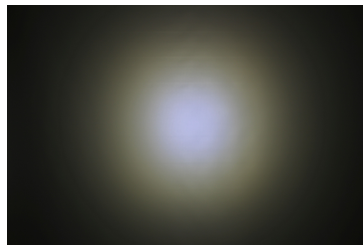
SAMSUNG

LED LH151B
FWHM / FWTM 17.0° / 58.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:


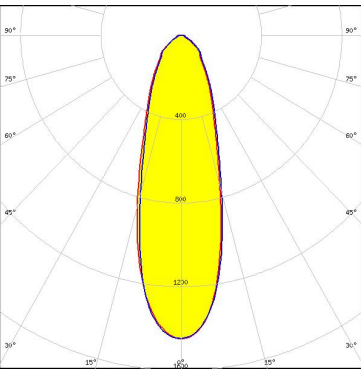

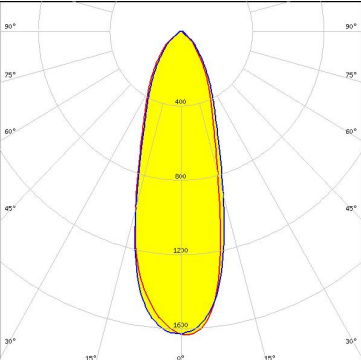


SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
FWHM / FWTM 26.0° / 73.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



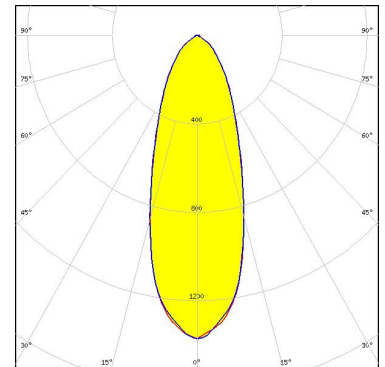
OPTICAL RESULTS (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 32.0° / 88.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5M4</p> <p>FWHM / FWTM 33.0° / 82.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):



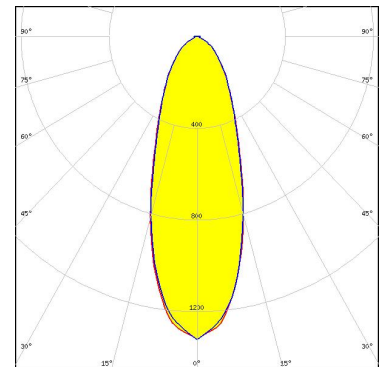
LED XP-G2 HE
 FWHM / FWTM 36.0° / 89.0°
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 33.0° / 90.0°
 Efficiency 89 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 36.0° / 92.0°
 Efficiency 92 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

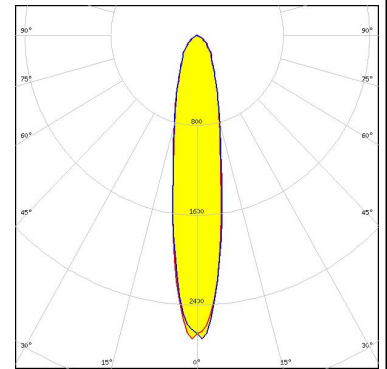


LED LUXEON 3535L HE
 FWHM / FWTM 20.0° / 65.0°
 Efficiency 90 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON CZ
FWHM / FWTM 20.0° / 62.0°
Efficiency 95 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

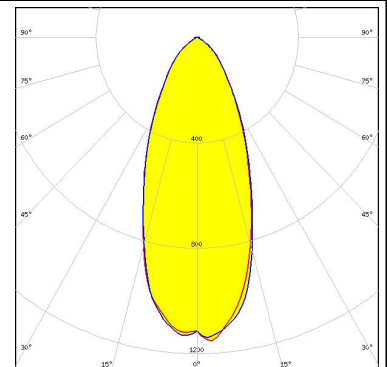
LED LUXEON HR30
FWHM / FWTM 26.0° / 72.0°
Efficiency 91 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON TX
FWHM / FWTM 28.0° / 80.0°
Efficiency 90 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NVSW519A
FWHM / FWTM 43.0° / 94.0°
Efficiency 90 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



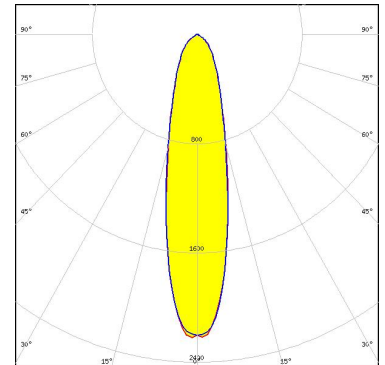
OPTICAL RESULTS (SIMULATED):



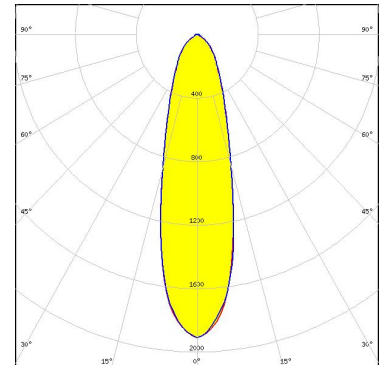
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 30.0° / 86.0°
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ C 2424
 FWHM / FWTM 24.0° / 70.0°
 Efficiency 94 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

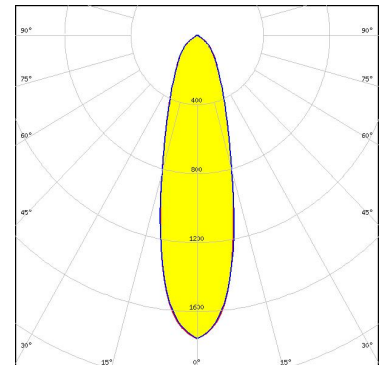


LED OSCONIQ C 3030
 FWHM / FWTM 28.0° / 77.0° + 78.0°
 Efficiency 95 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ C 3030
 FWHM / FWTM 28.0° / 77.0° + 78.0°
 Efficiency 86 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

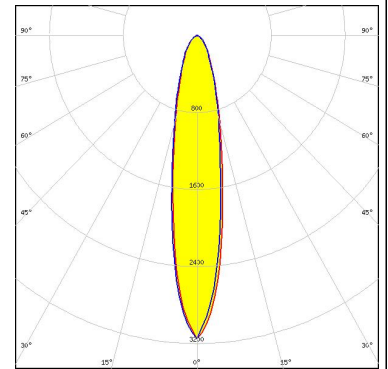


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

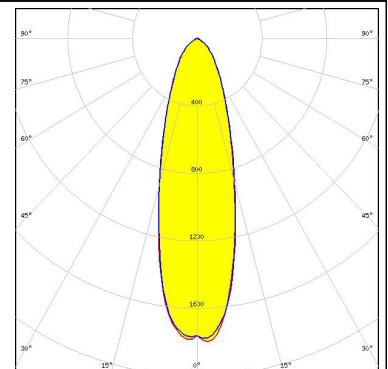
LED OSCONIQ P 3030
FWHM / FWTM 20.0° / 56.0°
Efficiency 95 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

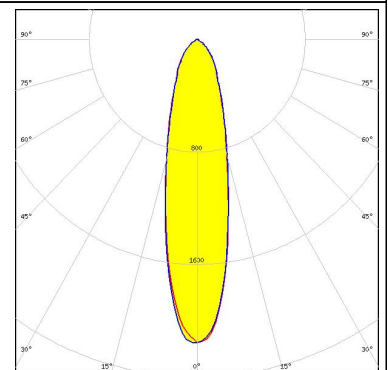
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 30.0° / 76.0°
Efficiency 94 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

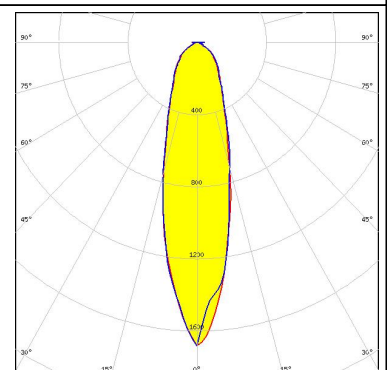
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 25.0° / 72.0°
Efficiency 94 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour Far Red
Required components:



SAMSUNG

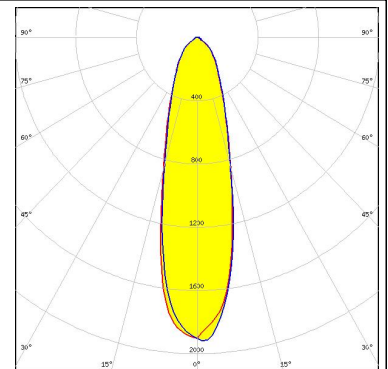
LED LH181A
FWHM / FWTM 27.0° / 86.0°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

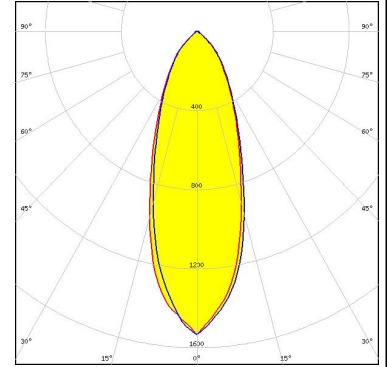
SAMSUNG

LED LH181B
FWHM / FWTM 28.0° / 78.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



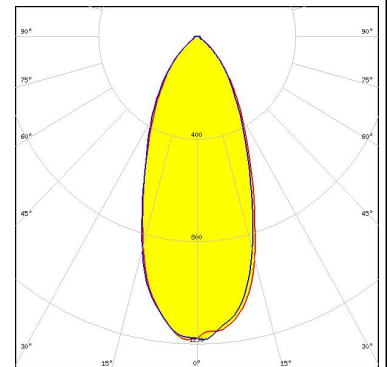
SAMSUNG

LED LH351C
FWHM / FWTM 36.0° / 87.0°
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351D
FWHM / FWTM 44.0° / 93.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y19
FWHM / FWTM 23.0° / 81.0°
Efficiency 92 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (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:

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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