

## STRADELLA-8-HV-HB-M

~65° medium beam for industrial applications.  
Variant with improved creepage distance for high voltage circuit designs.

### SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	5.7 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

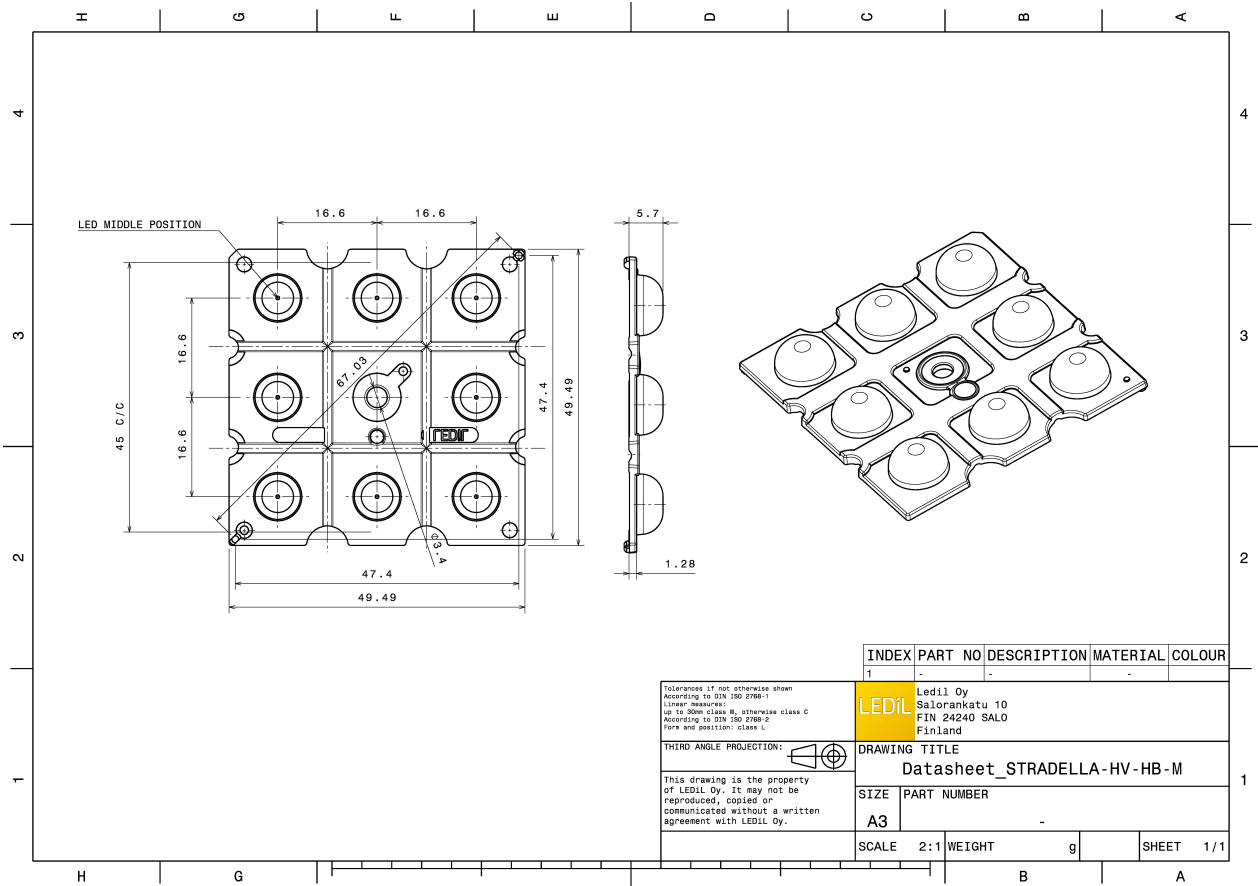


### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15984_STRADELLA-8-HV-HB-M » Box size: 480 x 280 x 300 mm	800	160	160	4.4

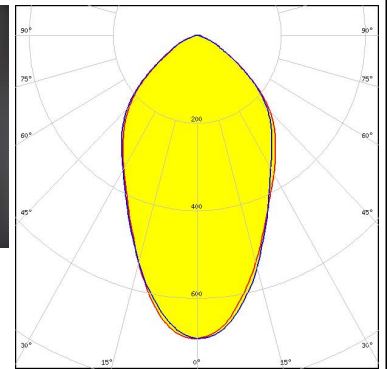
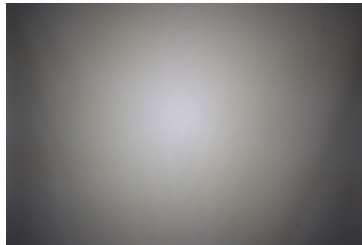


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

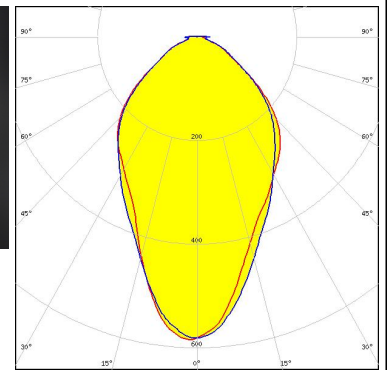
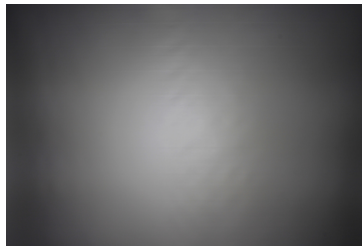
#### OPTICAL RESULTS (MEASURED):



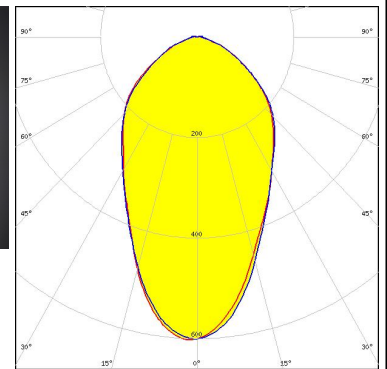
LED J Series 3030  
 FWHM / FWTM 62.0° / 123.0°  
 Efficiency 97 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



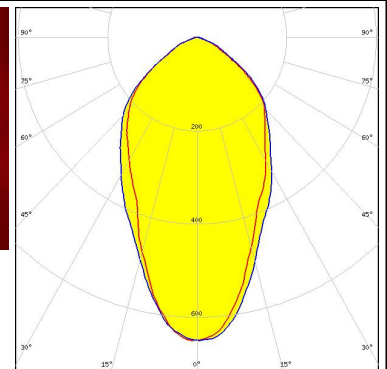
LED XD16  
 FWHM / FWTM 64.0° / 132.0°  
 Efficiency 92 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




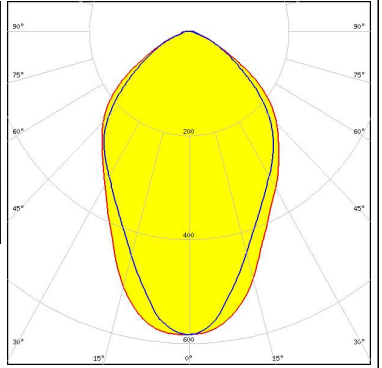

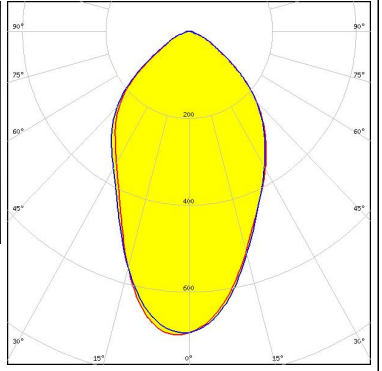
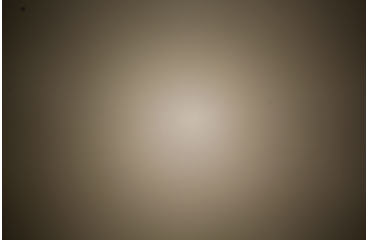
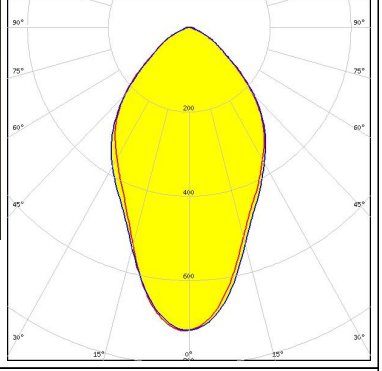
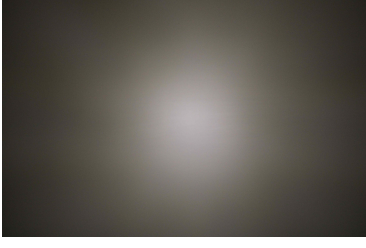
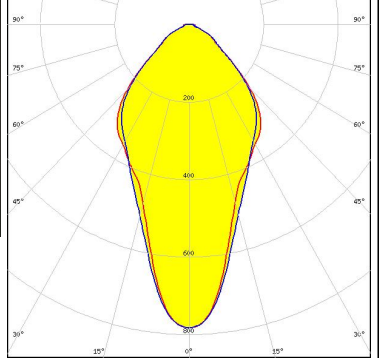
LED XT-E  
 FWHM / FWTM 62.0° / 137.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




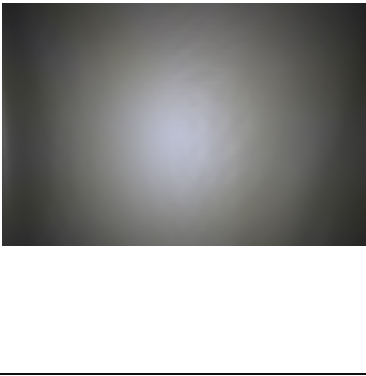


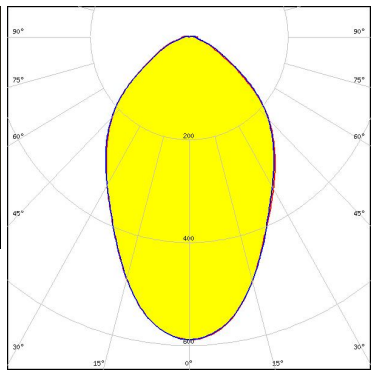


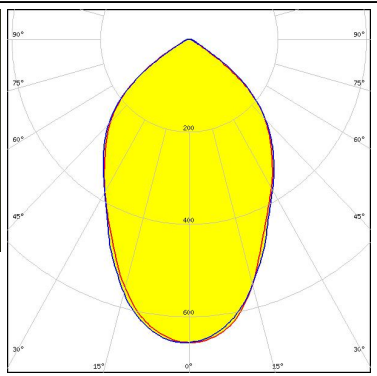

LED SST-10-B130  
 FWHM / FWTM 59.0° / 126.0°  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour Deep Red  
 Required components:



#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NF2W585AR            FWHM / FWTM 73.0° / 132.0°            Efficiency 94 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSCONIQ S 3030 (QSLR31)            FWHM / FWTM 63.0° / 121.0°            Efficiency 94 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>PHILIPS</b></p> <p>LED Fortimo FastFlex LED 4x8up PR G5            FWHM / FWTM 60.0° / 122.0°            Efficiency 94 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED LH151B            FWHM / FWTM 49.0° / 118.0°            Efficiency 93 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### OPTICAL RESULTS (MEASURED):

<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED: SEOUL DC 3030C</p> <p>FWHM / FWTM: 60.0° / 121.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.7 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED: Z5M3</p> <p>FWHM / FWTM: 71.0° / 132.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.6 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 71.0° / 118.0°</p> <p>Efficiency: 98 %</p> <p>Peak intensity: 0.7 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED: Z8Y19</p> <p>FWHM / FWTM: 80.0° / 130.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.5 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		

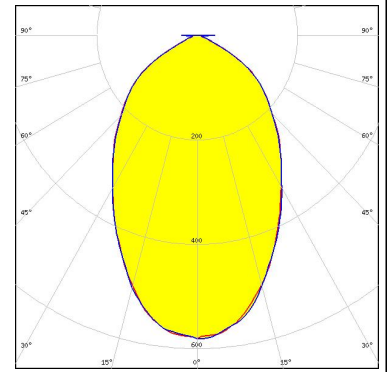
## OPTICAL RESULTS (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	Z8Y22
FWHM / FWTM	81.0° / 131.0°
Efficiency	91 %
Peak intensity	0.5 cd/m
LEDs/each optic	1
Light colour	White
Required components:	

#### OPTICAL RESULTS (SIMULATED):



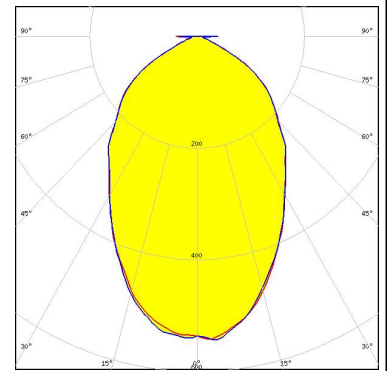
LED XP-G2 HE  
 FWHM / FWTM 70.0° / 128.0°  
 Efficiency 95 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM / FWTM 72.0° / 132.0°  
 Efficiency 91 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM / FWTM 74.0° / 132.0°  
 Efficiency 95 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 3535L HE  
 FWHM / FWTM 52.0° / 122.0°  
 Efficiency 93 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

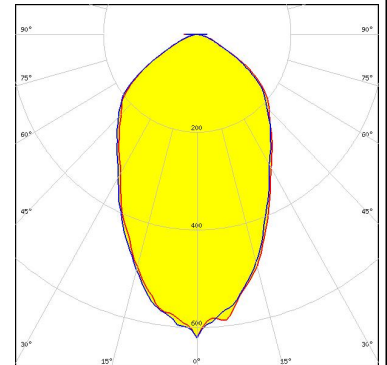
#### OPTICAL RESULTS (SIMULATED):

##### LUMILEDS

LED LUXEON HR30  
 FWHM / FWTM 54.0° / 121.0°  
 Efficiency 93 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

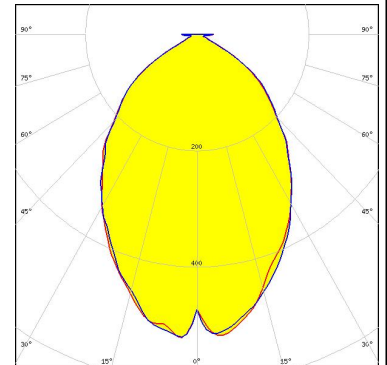
##### LUMILEDS

LED LUXEON TX  
 FWHM / FWTM 61.0° / 128.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

LED NVSW519A  
 FWHM / FWTM 78.0° / 124.0°  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 65.0° / 124.0°  
 Efficiency 91 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

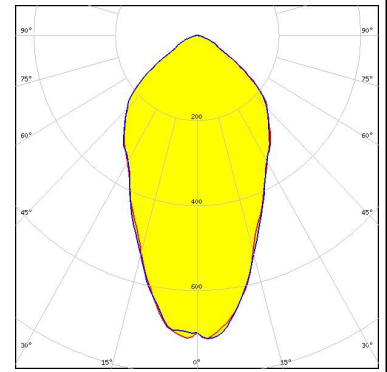


#### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

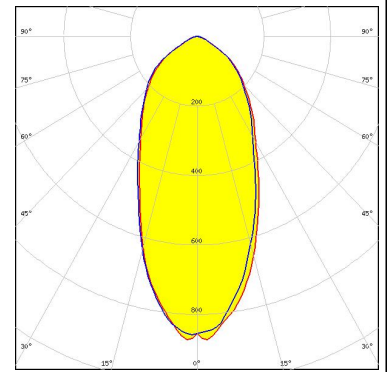
LED OSCONIQ C 2424  
 FWHM / FWTM 57.0° / 119.0°  
 Efficiency 96 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

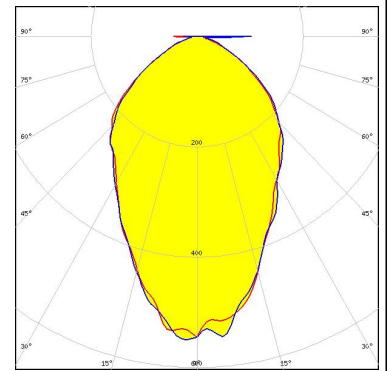
Opto Semiconductors

LED OSCONIQ P 3030  
 FWHM / FWTM 49.0° / 119.0°  
 Efficiency 97 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



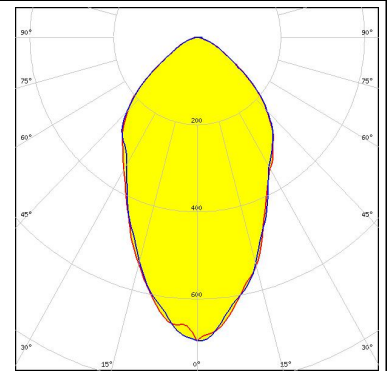
#### SAMSUNG

LED LH181A  
 FWHM / FWTM 67.0° / 135.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

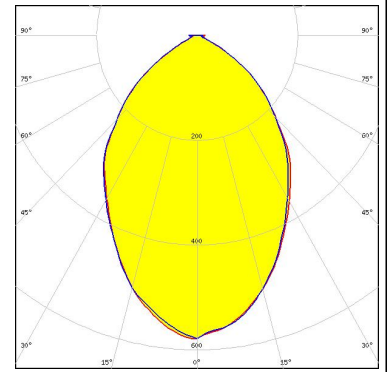
LED LH181B  
 FWHM / FWTM 59.0° / 122.0°  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



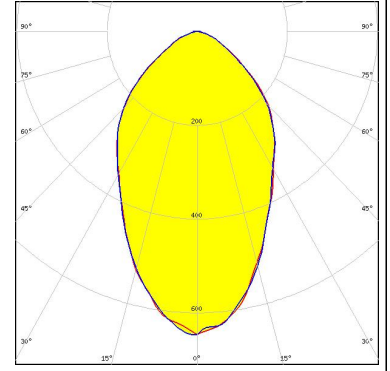
**OPTICAL RESULTS (SIMULATED):**

## SAMSUNG

LED LH351D  
 FWHM / FWTM 79.0° / 124.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED Z8Y22T  
 FWHM / FWTM 64.0° / 125.0°  
 Efficiency 94 %  
 Peak intensity 0.7 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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#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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