

## STRADELLA-16-HB-M2

~60° medium beam for industrial applications. Improved version with excellent cutoff and low glare.

### SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	3.2 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

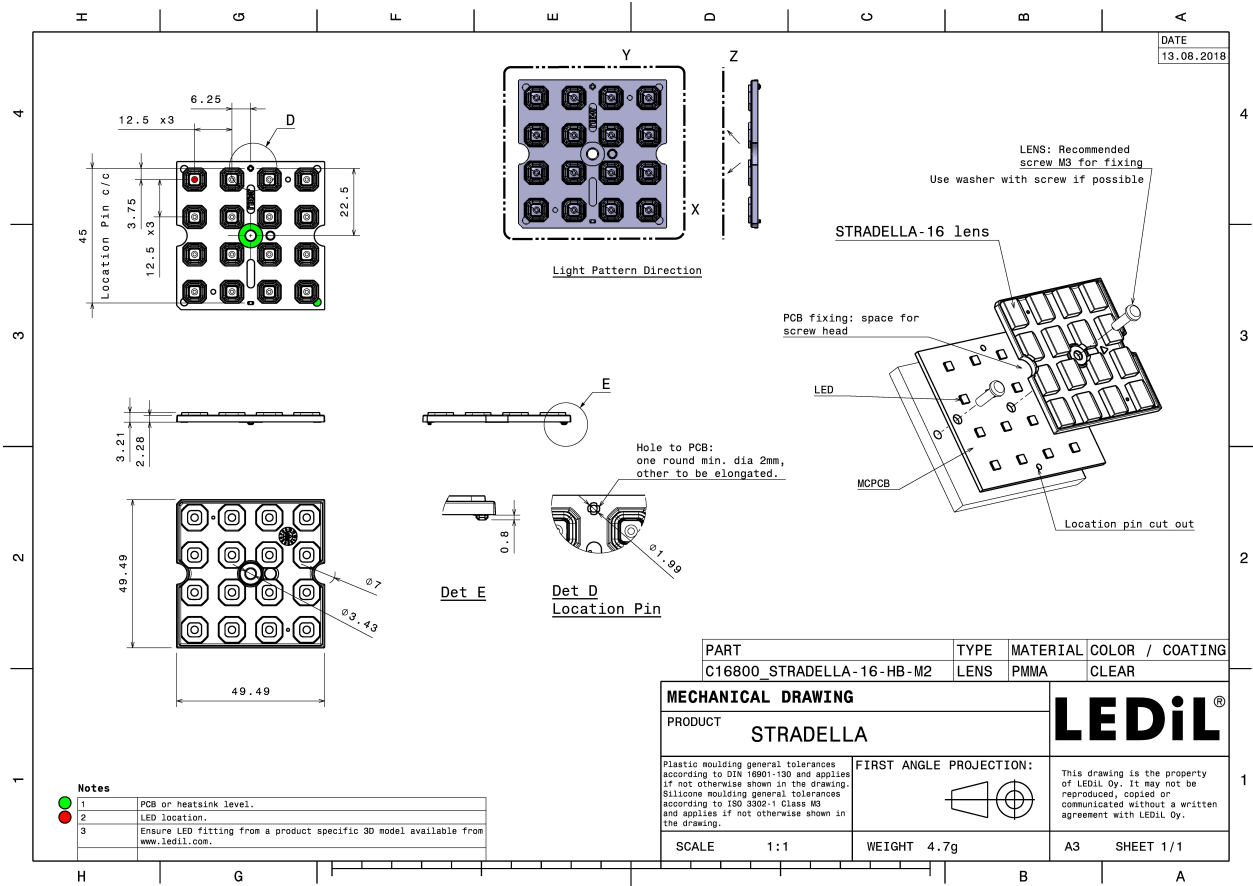


### MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-16-HB-M2	Multi-lens	PMMA	clear	


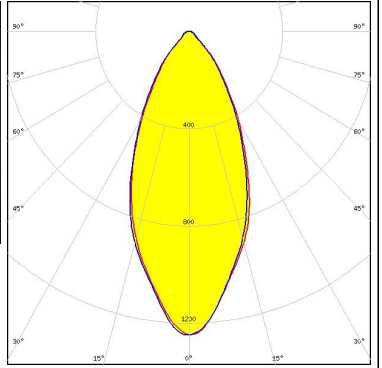
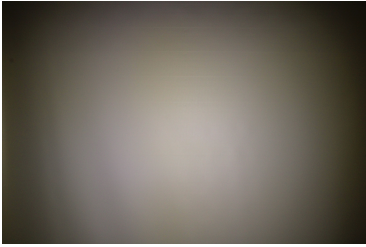
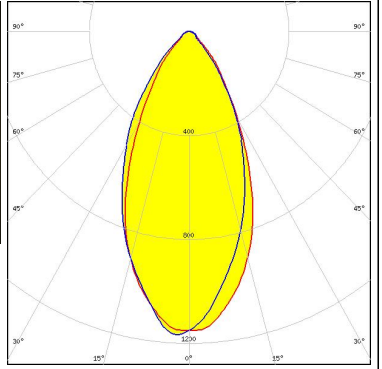
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16800_STRADELLA-16-HB-M2 » Box size: 480 x 280 x 300 mm	800	160	160	4.6


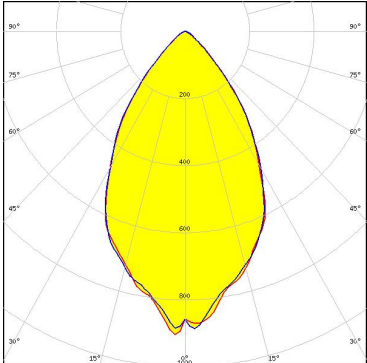

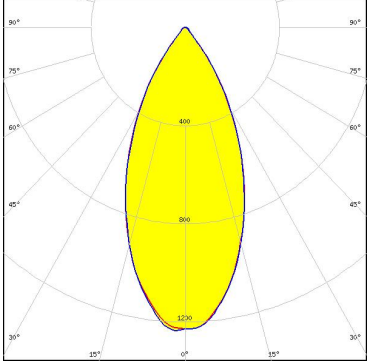

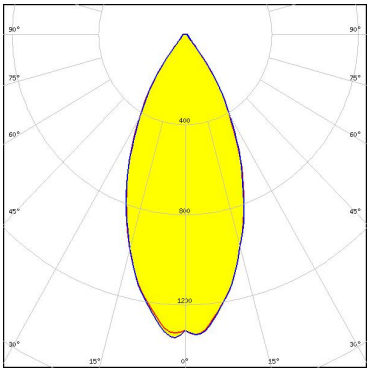

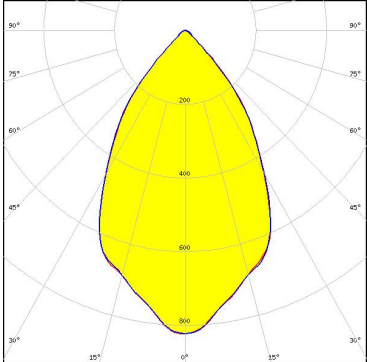


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</p> <p>LED J Series 3030            FWHM / FWTM 47.0° / 88.0°            Efficiency 97 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>ELECTRIO</b> LEDs</p> <p>LED EHP-223.5x50-1604-xx-70-LS30-06-NTC            FWHM / FWTM 49.0° / 89.0°            Efficiency 97 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

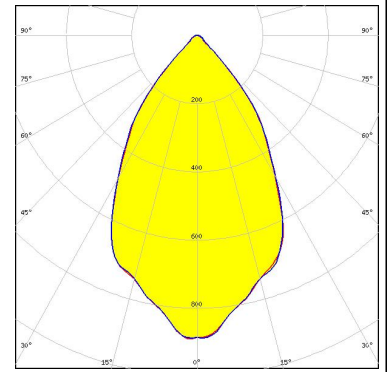
#### OPTICAL RESULTS (SIMULATED):

<p> <b>bridgelux.</b></p> <p>LED: Bridgelux SMD 2835</p> <p>FWHM / FWTM: 61.0 + 62.0° / 96.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 0.9 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> <b>bridgelux.</b></p> <p>LED: CSP 2727 (BXCP)</p> <p>FWHM / FWTM: 47.0 + 46.0° / 78.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 1.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p style="background-color: #ADD8E6; padding: 2px; display: inline-block;">Protective plate, glass</p>	
<p> <b>bridgelux.</b></p> <p>LED: CSP 2727 (BXCP)</p> <p>FWHM / FWTM: 46.0° / 78.0°</p> <p>Efficiency: 95 %</p> <p>Peak intensity: 1.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> <b>LUMILEDS</b></p> <p>LED: LUXEON 2835 Line</p> <p>FWHM / FWTM: 63.0° / 92.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p style="background-color: #ADD8E6; padding: 2px; display: inline-block;">Protective plate, glass</p>	

#### OPTICAL RESULTS (SIMULATED):

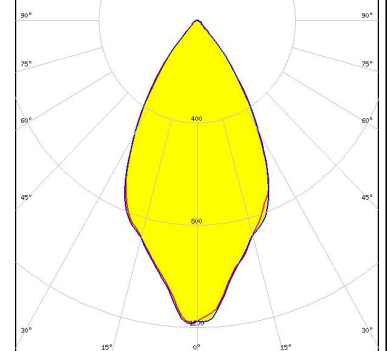
#### LUMILEDS

LED LUXEON 2835 Line  
 FWHM / FWTM 63.0° / 92.0°  
 Efficiency 95 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



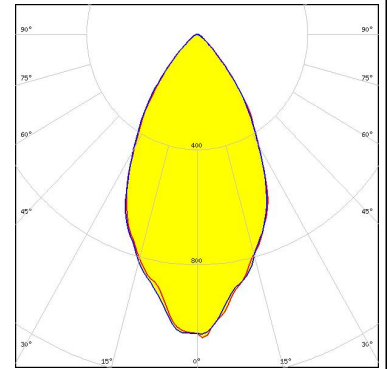
#### OSRAM

Opto Semiconductors  
 LED OSCONIQ C 2424  
 FWHM / FWTM 56.0° / 84.0°  
 Efficiency 96 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

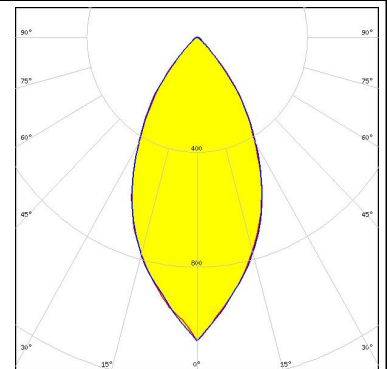
Opto Semiconductors  
 LED OSCONIQ S 3030 (QSLR31)  
 FWHM / FWTM 55.0° / 92.0°  
 Efficiency 96 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

LED LH231B  
 FWHM / FWTM 52.0° / 88.0°  
 Efficiency 87 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

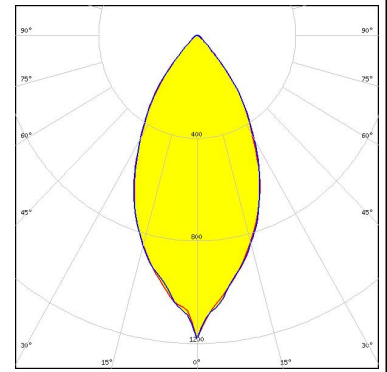
Protective plate, glass



#### OPTICAL RESULTS (SIMULATED):

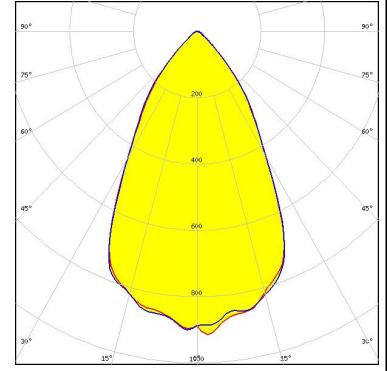
#### SAMSUNG

LED LH231B  
 FWHM / FWTM 50.0° / 86.0°  
 Efficiency 95 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



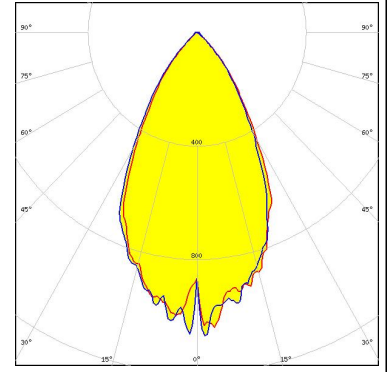
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 58.0° / 94.0°  
 Efficiency 96 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



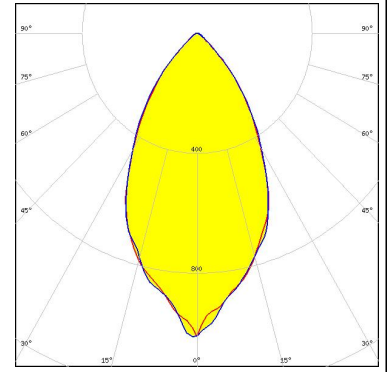
#### SAMSUNG

LED LM301B  
 FWHM / FWTM 55.0° / 87.0°  
 Efficiency 93 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

LED LM302Z plus  
 FWHM / FWTM 56.0° / 93.0°  
 Efficiency 96 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

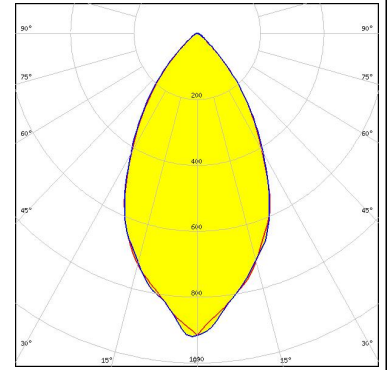


#### OPTICAL RESULTS (SIMULATED):

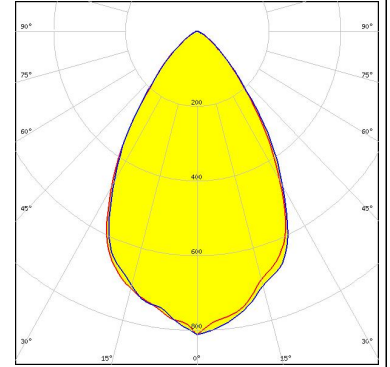
### SAMSUNG

LED LM302Z plus  
 FWHM / FWTM 56.0° / 94.0°  
 Efficiency 87 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



LED SEOUL DC 3030C  
 FWHM / FWTM 65.0° / 102.0°  
 Efficiency 96 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED SEOUL DC 3528  
 FWHM / FWTM 58.0° / 98.0°  
 Efficiency 95 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

