

## STRADELLA-HB-W

~90° wide beam for industrial applications

### TECHNICAL SPECIFICATIONS:

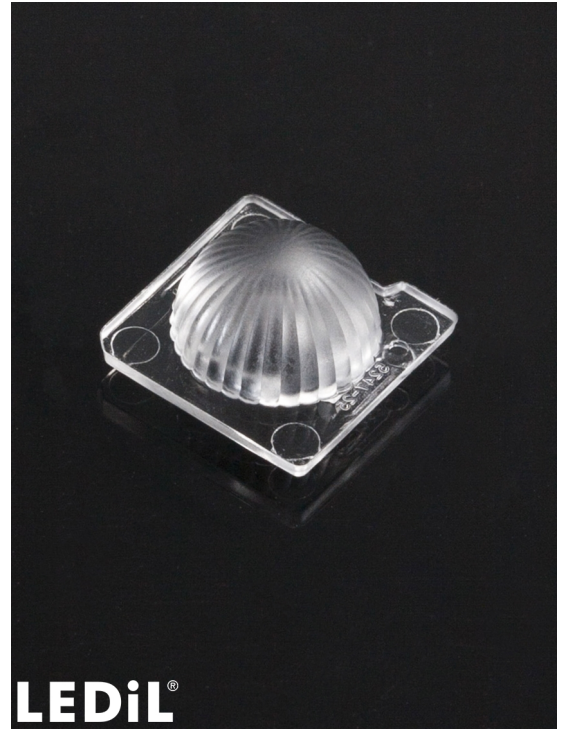
Dimensions	13.9 x 13.9 mm
Height	7.1 mm
Fastening	pin
ROHS compliant	yes ⓘ

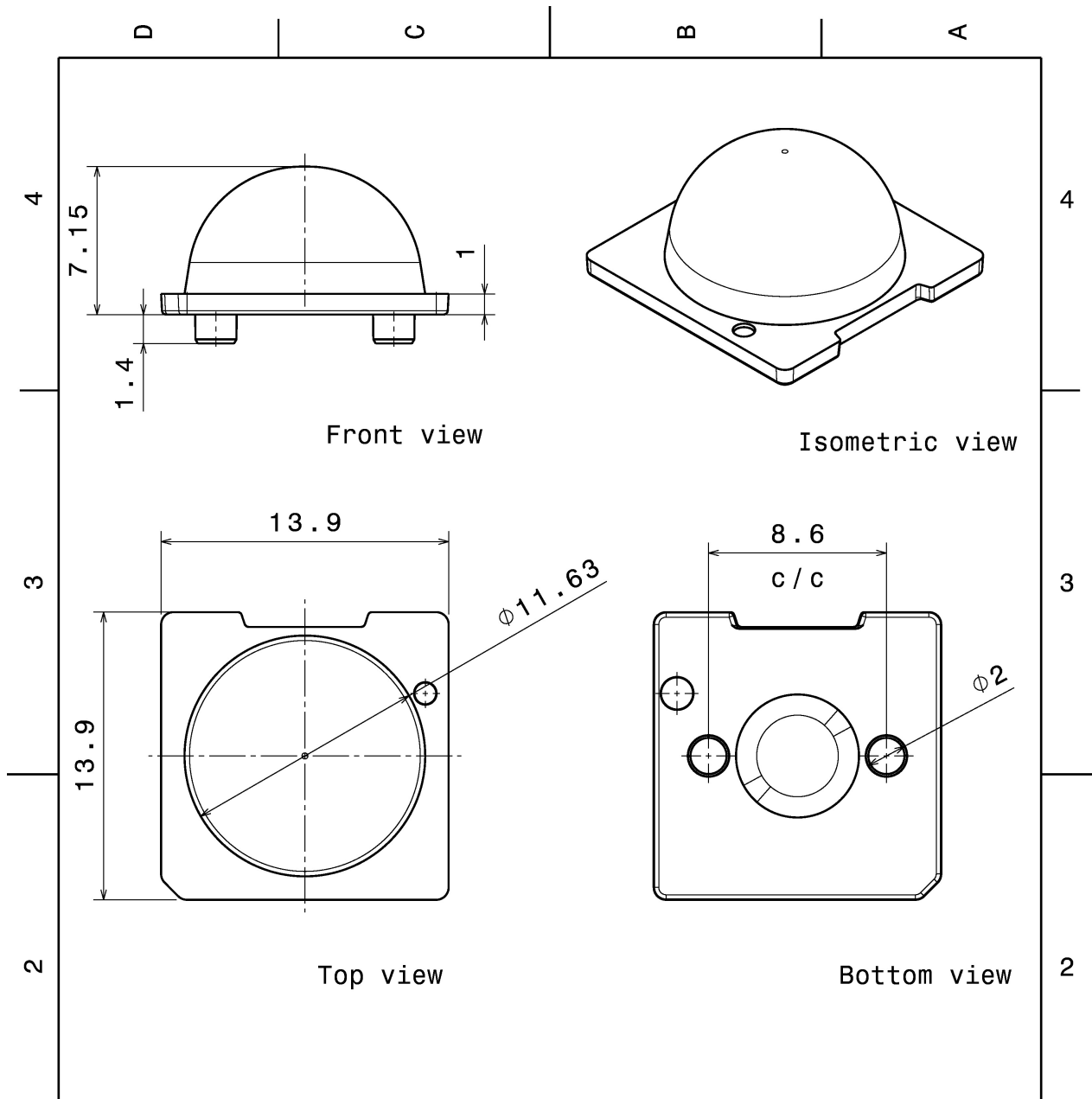
### MATERIAL SPECIFICATIONS:

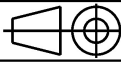
Component	Type	Material	Colour	Finish
STRADELLA-HB-W	Single lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15247_STRADELLA-HB-W » Box size: 480 x 250 x 390 mm	16000	1000	1000	11.9





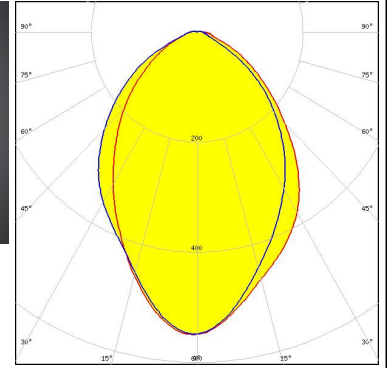
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15247	STRADELLA-HB-W	PMMA	
<p>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L</p>		<p><b>LEDiL</b> Ledil Oy Salorankatu 10 FIN 24240 SALO Finland</p>		
<p>THIRD ANGLE PROJECTION: </p>		<p>DRAWING TITLE <b>C15247_STRADELLA-HB-W</b></p>		
<p>This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.</p>		<p>SIZE PART NUMBER <b>A4 C15247</b></p>		
<p>SCALE 1:1</p>		<p>WEIGHT 0,76 g</p>		<p>SHEET 1/1</p>

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

#### PHOTOMETRIC DATA (MEASURED):

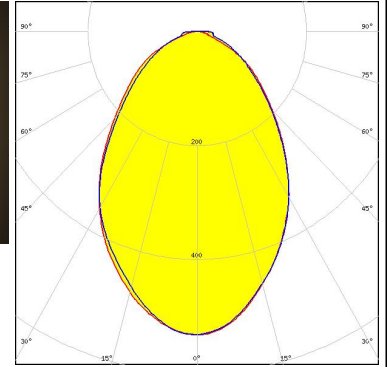
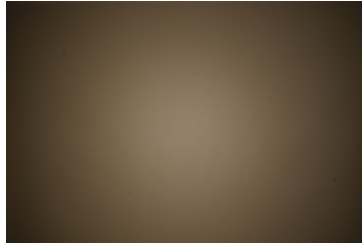
##### CREE LED

LED J Series 3030  
 FWHM / FWTM 77.0° / 133.0°  
 Efficiency 96 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



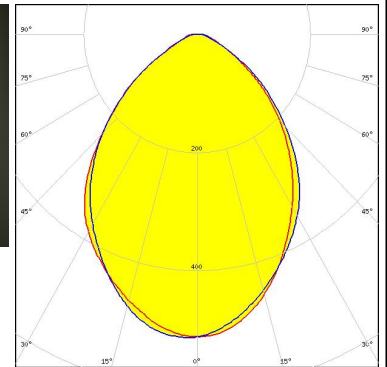
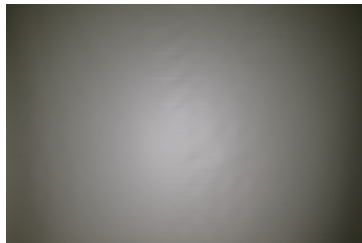
##### CREE LED

LED XT-E  
 FWHM / FWTM 76.0° / 138.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



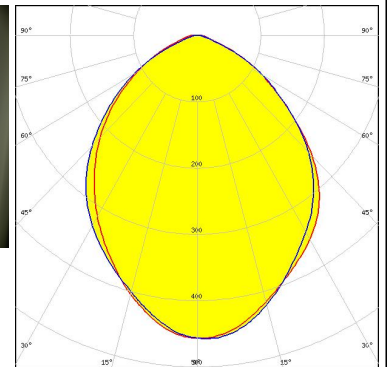
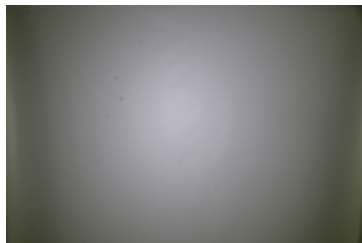
##### NICHIA

LED NVSW219D  
 FWHM / FWTM 83.0° / 131.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

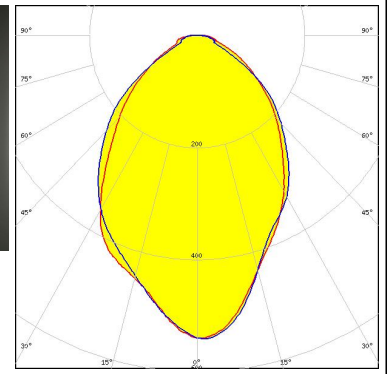
LED NVSW319B  
 FWHM / FWTM 92.0° / 139.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

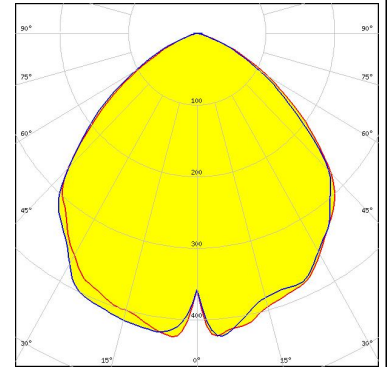
LED LH181B  
FWHM / FWTM 77.0° / 131.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



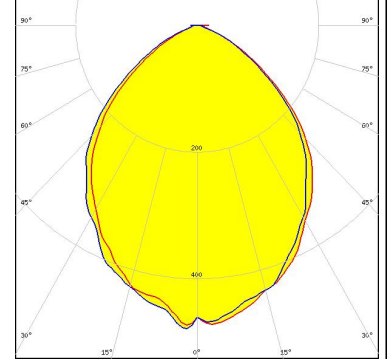
### PHOTOMETRIC DATA (SIMULATED):



LED XP-E2  
 FWHM / FWTM 100.0° / 136.0°  
 Efficiency 96 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour Green  
 Required components:



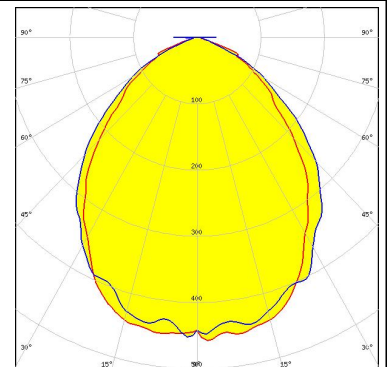
LED XP-G2 HE  
 FWHM / FWTM 91.0° / 133.0°  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON IR Domed 150  
 FWHM / FWTM 115.0° / 150.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



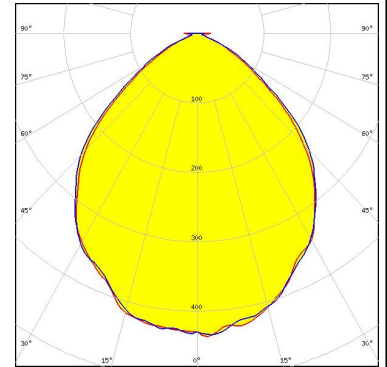
LED NF2W585AR-P8  
 FWHM / FWTM 87.0 + 97.0° / 142.0 + 136.0°  
 Efficiency 95 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



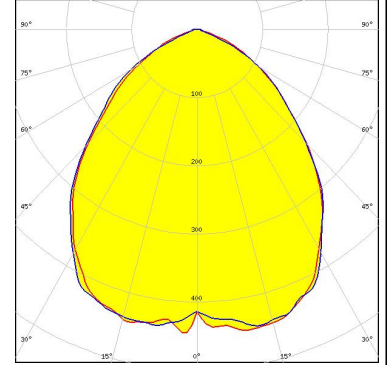
### PHOTOMETRIC DATA (SIMULATED):



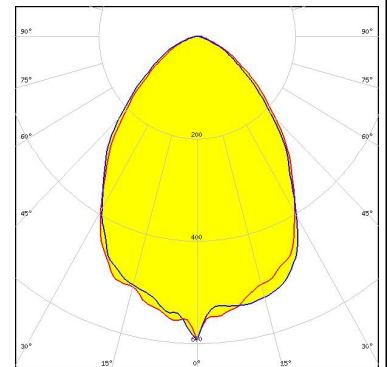
LED NVSW519A  
 FWHM / FWTM 93.0° / 130.0°  
 Efficiency 90 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



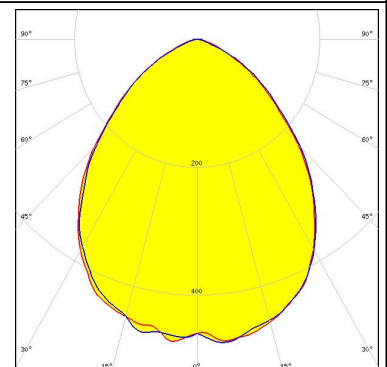
LED OSCONIQ C 2424  
 FWHM / FWTM 93.0° / 136.0°  
 Efficiency 97 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSCONIQ P 3030  
 FWHM / FWTM 77.0° / 130.0°  
 Efficiency 97 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



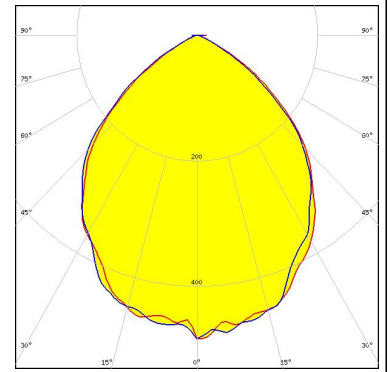
LED OSCONIQ P 3737 (2W version)  
 FWHM / FWTM 89.0° / 134.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

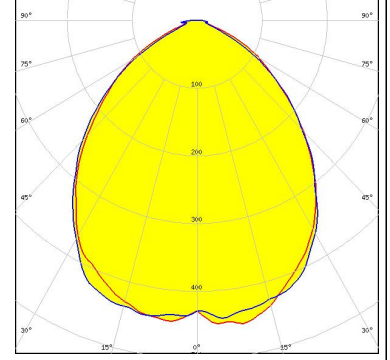
#### SAMSUNG

LED LH351B  
FWHM / FWTM 90.0° / 125.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22T  
FWHM / FWTM 90.0° / 134.0°  
Efficiency 94 %  
Peak intensity 0.5 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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