

# PRODUCT DATASHEET C17270\_STRADELLA-8-5050-HB-W-PC

# STRADELLA-8-5050-HB-W-PC

~90° beam. Variant from PC.

## **SPECIFICATION:**

Dimensions	49.5 x 49.5 mm
Height	5 mm
Fastening	screw
ROHS compliant	yes 🛈



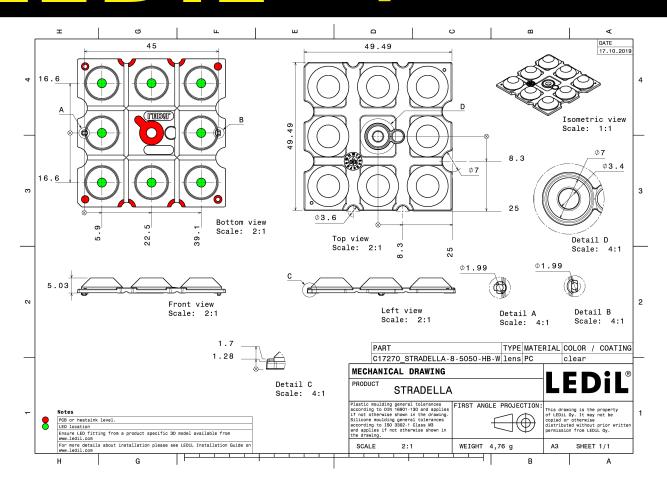
### MATERIALS:

Component	Туре	Material	Colour	Finish
STRADELLA-8-5050-HB-W-PC	Multi-lens	PC	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17270_STRADELLA-8-5050-HB-W-PC	800	160	160	4.7
» Box size: 480 x 280 x 300 mm				

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



# **OPTICAL RESULTS (SIMULATED):**

		90* 90*
LED	J Series 3030	
FWHM / FWTM	89.0° / 109.0°	75'
Efficiency	88 %	
Peak intensity	0.5 cd/lm	60° - 60°
LEDs/each optic	1	
Light colour	White	g-
Required components:		
		400
		30° 15° 0° 15°
	05	90* 90*
LED	LUXEON 5050 HE	
FWHM / FWTM	86.0° / 110.0°	75*
Efficiency	86 %	
Peak intensity	0.5 cd/lm	60 <sup>-2</sup>
LEDs/each optic	1	
Light colour	White	g*
Required components:		
Protective plate	e, glass	
		30°
1		
	05	13 <u>9</u> <u>15</u>
		90°
LED	LUXEON 5050 HE	35 gr
LED FWHM / FWTM	LUXEON 5050 HE 88.0° / 110.0°	25 <u>5</u> <u>5</u> <u>5</u>
LED FWHM / FWTM Efficiency	LUXEON 5050 HE 88.0° / 110.0° 92 %	<u>157</u> <u><u>6</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u><u>7</u></u>
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm	157 <u>57</u> 157 199*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1	200 00 <sup>2</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1	200 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1	200 00 000 00 <sup>4</sup> 00 00 <sup>4</sup> 00 <sup>4</sup> 00 00 <sup>4</sup> 00 00 <sup>4</sup> 00 00 <sup>4</sup> 00 00 <sup>4</sup> 00 00 <sup>4</sup> 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1	-40
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White	-40
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White	40 40 50 <sup>-</sup> 50 <sup>-</sup> 50 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White S LUXEON 5050 Square LES	-40
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White S LUXEON 5050 Square LES 86.0° / 109.0°	60 60 20 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White S LUXEON 5050 Square LES 86.0° / 109.0° 88 %	40 40 50 <sup>-</sup> 50 <sup>-</sup> 50 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White S LUXEON 5050 Square LES 86.0° / 109.0°	40 40 50' 10' 10' 10' 10' 10' 10' 10' 10' 10' 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White UXEON 5050 Square LES 86.0° / 109.0° 88 % 0.5 cd/lm 1	40 40 50 <sup>-</sup> 50 <sup>-</sup> 50 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>ED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White Vhite LUXEON 5050 Square LES 86.0° / 109.0° 88 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White UXEON 5050 Square LES 86.0° / 109.0° 88 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>ED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White UXEON 5050 Square LES 86.0° / 109.0° 88 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>ED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 HE 88.0° / 110.0° 92 % 0.6 cd/lm 1 White UXEON 5050 Square LES 86.0° / 109.0° 88 % 0.5 cd/lm 1	



# **OPTICAL RESULTS (SIMULATED):**

OSRAM Opto Semiconductors		50°
LED	OSCONIQ C 2424	73*
FWHM / FWTM	80.0° / 106.0°	
Efficiency	92 %	60 <sup>+</sup> 60 <sup>+</sup>
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	95 <sup>-</sup> 490
Required components	:	
		30" 30"
		15° 0° 35°
SAMSU	NG	90° 90°
LED	LM301B	
FWHM / FWTM	91.0° / 110.0°	750 750
Efficiency	88 %	
Peak intensity	0.5 cd/lm	60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic	1	
Light colour	White	-5°
	Winko -	
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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