

# PRODUCT DATASHEET C15185\_STRADELLA-8-HB-W

# STRADELLA-8-HB-W

~90° wide beam for industrial applications

### **TECHNICAL SPECIFICATIONS:**

Dimensions	49.5 x 49.5 mm
Height	7.1 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



### **MATERIAL SPECIFICATIONS:**

Component STRADELLA-8-HB-W **Type** Multi-lens

Material	Colour	Finish
PMMA	clear	

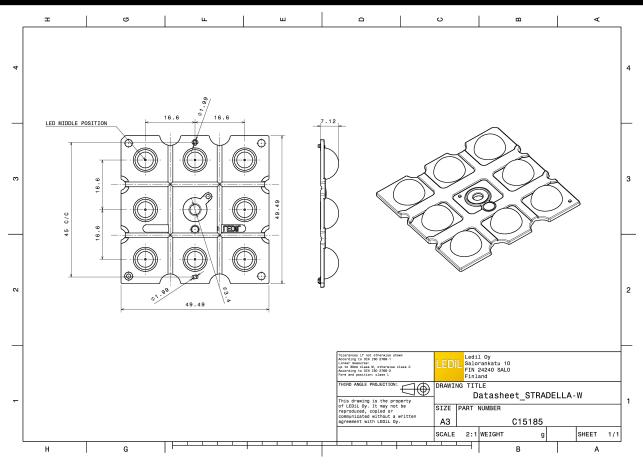
### **ORDERING INFORMATION:**

Component C15185\_STRADELLA-8-HB-W » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	6.0



# PRODUCT DATASHEET C15185\_STRADELLA-8-HB-W



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



# PHOTOMETRIC DATA (MEASURED):

		1.000	90° 90°
LED	QUICK FLUX XT 2x8 xxx STRDLL G5		
FWHM / FWTM	85.0° / 135.0°		75'
Efficiency	93 %		
Peak intensity	0.5 cd/lm		60° / / / / / / / / / / / / / / / / / / /
LEDs/each optic	1		
Light colour	White		45° 65°
Required compone			
	ano.		
			30* 32* 32*
<b>CREE</b>	-		90° 90°
	J Series 3030		75°
FWHM / FWTM	83.0° / 128.0°		
Efficiency	93 %		60° 60°
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	ents:		400
			30° 15° 0° 15° 30°
CREE -			90° 90°
LED FWHM / FWTM	XP-G3		75'
	97.0° / 138.0° 94 %		100
Efficiency			60* 60*
Peak intensity	0.4 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	ans.		
			400
			30° 15° 0° 15°
CREE -			
UREE 7	The second se		90* 90*
			75. 25.
LED	XT-E		-100
FWHM / FWTM	91.0°		607 607
Efficiency	0 %		
LEDs/each optic	1		
Light colour	White		ez. ez.
Required compone	ents:		
			40
			30* 30.
			15 <sup>7</sup> 0 <sup>6</sup> 15 <sup>3</sup>



### **PHOTOMETRIC DATA (MEASURED):**

	FDS	50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3030 2D (Round LES) 87.0° / 130.0° 94 % 0.5 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3030 2D (Round LES) 87.0° / 129.0° 90 % 0.5 cd/lm 1 White	
Protective	plate, glass	20" 20" 20" 30
Control Contro	LUXEON V2 90.0° / 133.0° 94 % 0.5 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW219D 87.0° / 126.0° 94 % 0.5 cd/lm 1 White	



# PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square CSSRM2/CSSRM3 93.0° / 134.0° 94 % 0.4 cd/lm 1 White ents:	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y19 100.0° / 142.0° 94 % 0.4 cd/lm 1 White ents:	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y22P 98.0° / 141.0° 94 % 0.4 cd/lm 1 White ents:	



# PHOTOMETRIC DATA (SIMULATED):

	DS	50 <sup>*</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON 3535L HE 80.0° / 131.0° 94 % 0.5 cd/lm 1 White	
	DS	90° X
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON HR30 82.0° / 130.0° 93 % 0.5 cd/lm 1 White	
•		22 <sup>5</sup> 0 <sup>4</sup> 22 <sup>5</sup>
	DS	30 <sup>+</sup> 30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON TX 84.0° / 139.0° 92 % 0.5 cd/lm 1 White	
<b>Μ</b> ΝΙCΗΙΛ		50 <sup>+</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	NCSxE17A 90.0° / 138.0° 94 % 0.4 cd/lm 1 White	



# PHOTOMETRIC DATA (SIMULATED):

<b>ΜΝΙCΗΙΛ</b>		90* 90*
LED	NVSxE21A	
FWHM / FWTM	90.0° / 138.0°	14°
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	200
Light colour	White	45*
Required components:		
MICHIΛ		90* 90*
LED	NVSxx19B/NVSxx19C	75*
FWHM / FWTM	95.0° / 134.0°	100
Efficiency	91 %	60*
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	200
Light colour	White	42. 62.
Required components:		340
		30* 32*
OCDAM		
Opto Semiconductors		90° 90°
OSRAM Opto Semiconductors LED	OSCONIQ C 2424	30 <sup>4</sup>
	OSCONIQ C 2424 92.0° / 134.0°	59* 50* 73* 50*
LED		50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM	92.0° / 134.0°	50° 50°
LED FWHM / FWTM Efficiency	92.0° / 134.0° 97 %	5° 50 5°
LED FWHM / FWTM Efficiency Peak intensity	92.0° / 134.0° 97 % 0.5 cd/lm	5° 50 5° 50 6° 50 5° 50 5° 50 5° 5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	92.0° / 134.0° 97 % 0.5 cd/lm 1	50° 50° 73° 50° 60° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92.0° / 134.0° 97 % 0.5 cd/lm 1	97 75 500 64 77 200 77 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92.0° / 134.0° 97 % 0.5 cd/lm 1	97 75 100 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92.0° / 134.0° 97 % 0.5 cd/lm 1	20 21 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White	No. No.   No. No.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White	94 94 95 96 96 96 96 96 96 96 96 96 96 96 96 96
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 % 0.6 cd/lm 1	73° 72° 64° 200 64°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 % 0.6 cd/lm 1	73° - 72° 64° - 200 - 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 % 0.6 cd/lm 1	37. 60. 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 % 0.6 cd/lm 1	37. 60. 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Optio Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92.0° / 134.0° 97 % 0.5 cd/lm 1 White OSCONIQ P 3030 80.0° / 130.0° 96 % 0.6 cd/lm 1	37. 60. 200



# PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 (2W version) 90.0° / 133.0° 94 % 0.5 cd/lm 1 White	99° 99° 25° 100 99° 99° 250 - 250 - 60° 90° 250 - 60° 466 - 60°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square PC 86.0° / 129.0° 94 % 0.5 cd/lm 1 White	50 <sup>4</sup> 7 <sup>4</sup> 6 <sup>4</sup> 6 <sup>4</sup> 50 <sup>4</sup>
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351C 93.0° / 123.0° 94 % 0.5 cd/lm 1 White	50° (0° 50° (0° 50° (0°) 50° (0°)



#### **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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