

# PRODUCT DATASHEET CA11253\_STRADA-C2

# STRADA-C2

Beam for area and street lighting such as parks and pedestrian walkways. Assembly with installation tape.

#### **SPECIFICATION:**

Dimensions Height Fastening ROHS compliant 19.6 x 15.5 mm 5.9 mm tape, pin yes 1



#### **MATERIALS:**

Component STRADA-C2 VOSU-WU-M-365-TAPE

Туре	
Single lens	
Таре	

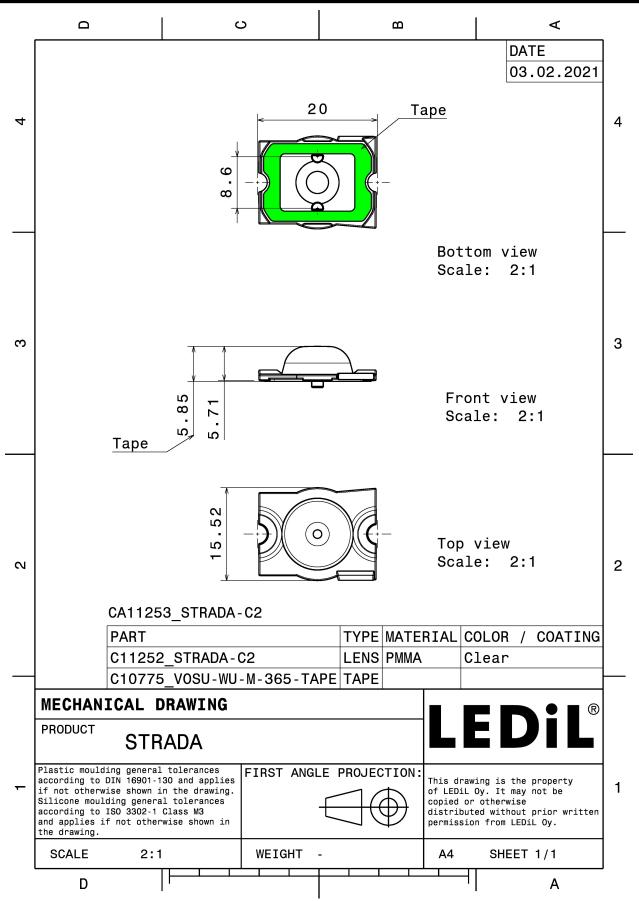
Material	Colour	Finish
PMMA	clear	
Acrylic foam		

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11253_STRADA-C2	Single lens	4320	240	240	4.1
» Box size: 450 x 260 x 200 mm					



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



CREE ÷		
LED	XB-D	90* 90*
FWHM / FWTM	хв-р 135.0° / 175.0°	770
	93 %	
Efficiency	93 % 0.3 cd/lm	50*
Peak intensity		
LEDs/each optic	1	
Light colour	White	65° 200 65°
Required compone	ents:	
		30° 15° 30°
CREE ≑		
LEDS		
LED	XP-E	
FWHM / FWTM	124.0°	
Efficiency	92 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
CREE ÷	XP-G	
FWHM / FWTM	132.0°	
Efficiency	92 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
	EDC	
	ED2	
LED	LUXEON A	
FWHM / FWTM	128.0°	
Efficiency	92 %	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	



UMIL	EDS	
		90* 90
LED	LUXEON R	75*
FWHM / FWTM	134.0° / 166.0°	200
Efficiency	93 %	-50 <sup>4</sup>
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	200
Light colour	White	45°
Required componer	ts:	300
	EDS	00° 133 <sup>5</sup> 00° 133° 00°
		90* 90*
LED	LUXEON Rebel	75*
FWHM / FWTM	119.0°	
Efficiency	92 %	60*
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	200
Light colour	White	67 67
Required component	ts:	
		300
		$\times$ / $\setminus$ $\times$
		30* 15 <sup>5</sup> 400 15* 30*
	EDS	
LED	LUXEON Rebel ES	
FWHM / FWTM	128.0° / 162.0°	
Efficiency	92 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	SetPlot#reaWorld(): X range error – min >≋ max
Light colour	White	
Required componer		
	EDS	
		90° 90°
LED FWHM / FWTM	LUXEON T 136.0°	75°
Efficiency	136.0° 92 %	100_100
		60*
Peak intensity LEDs/each optic	0.3 cd/lm 1	
LEDS/each optic	White	
		6, 6
Required componer	115.	
		$\times$ $ $ $ $ $\times$
		30* <u>15</u> <sup>5</sup> <u>460</u> <u>15</u> * <u>30</u> *



LUMIL	EDS	90*
LED	LUXEON TX	
FWHM / FWTM	134.0° / 165.0°	75.
Efficiency	94 %	
Peak intensity	0.3 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	45'
Required compone		30
		20° <u>20° 400</u> 20° 30°
	EDS	90°
LED	LUXEON Z ES	
FWHM / FWTM	136.0° / 165.0°	725 722
Efficiency	93 %	200
Peak intensity	0.3 cd/lm	.60 <sup>5</sup>
LEDs/each optic	1	
Light colour	White	45°
Required compone		
		30
		$\times$ / $\setminus$ $\times$
		460
		30* 15* 0* 15*
LED	NCSxx19A	
FWHM / FWTM	124.0°	
Efficiency	92 %	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
<b>ØNICHI</b>	х	90°
LED	NVSW219D	
FWHM / FWTM	126.0° / 161.0°	772
Efficiency	94 %	
Peak intensity	0.3 cd/lm	in the second
LEDs/each optic	1	
Light colour	White	57
Required compone		
		300
1		
		30* 30*



## **Ø**NICHIΛ

LED	NVSxx19A
FWHM / FWTM	124.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required componen	ts:

#### OSRAM Opto Semicondustor

LED	OSLON SSL 150
FWHM / FWTM	92.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required componer	its:

#### OSRAM Opto Semiconductors

 LED
 OSLON SSL 80

 FWHM / FWTM
 107.0° / 158.0°

 Efficiency
 93 %

 Peak intensity
 0.4 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 Second 2016

# SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	122.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required componen	its:



# **OPTICAL RESULTS (SIMULATED):**

r		
CREE ≑		
LEDS	J Series 2835	90* 90*
FWHM / FWTM	123.0° / 145.0°	73° 77°
Efficiency	96 %	
Peak intensity	0.3 cd/lm	60*
LEDs/each optic	1	
Light colour	White	
Required components:	wine	
		30° 13° 30°
		90° 90°
LED	XP-E2	
FWHM / FWTM	122.0° / 146.0°	730 780
Efficiency	88 %	100
Peak intensity	0.3 cd/lm	60*
LEDs/each optic	1	
Light colour	White	45*
Required components:		X   X
		300
Protective plate	e, glass	$\times$ / $\times$
		40
		30 15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>4</sup>
	)S	20 12 <sup>5</sup> 0 <sup>5</sup> 12 <sup>4</sup> 30
		90° 20° 20° 20° 20° 20° 20°
LUMILEC	LUXEON H50-2 121.0° / 138.0°	20 <sup>1</sup> 20 <sup>1</sup> 0 <sup>1</sup> 10 <sup>2</sup> 20 <sup>2</sup>
LED FWHM / FWTM	LUXEON H50-2	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency	LUXEON H50-2 121.0° / 138.0°	90         90           30         90           30         90           30         90           30         90
LED FWHM / FWTM	LUXEON H50-2 121.0° / 138.0° 92 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White NVSW219F 127.0° / 142.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White NVSW219F 127.0° / 142.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White NVSW219F 127.0° / 142.0° 94 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White NVSW219F 127.0° / 142.0° 94 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White NVSW219F 127.0° / 142.0° 94 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White NVSW219F 127.0° / 142.0° 94 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 121.0° / 138.0° 92 % 0.3 cd/lm 1 White NVSW219F 127.0° / 142.0° 94 % 0.3 cd/lm 1	



# **OPTICAL RESULTS (SIMULATED):**

MICHIΛ		9°
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	NVSxx19B/NVSxx19C 124.0° / 144.0° 94 % 1 White	
COSRAM Deto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4715AS 100.0° / 128.0° 96 % 1 IR	
Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4716AS 134.0° / 153.0° 96 % 1 IR	
Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4716S 134.0° / 150.0° 96 % 1 IR	



# **OPTICAL RESULTS (SIMULATED):**

SEQUE SEQUE SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	25 122.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components	