

PRODUCT DATASHEET CS15055_STRADA-IP-2X6-DWC-90-PC

STRADA-IP-2X6-DWC-90-PC

Universal road lighting (typically IESNA Type III medium) beam with excellent mixed illuminance and luminance uniformity. Variant with beam direction rotated 90°. Variant made from PC.

SPECIFICATION:

Dimensions	173.0 x 71.4 mm
Height	9 mm
Ingress protection classes	IP67
ROHS compliant	yes 🛈



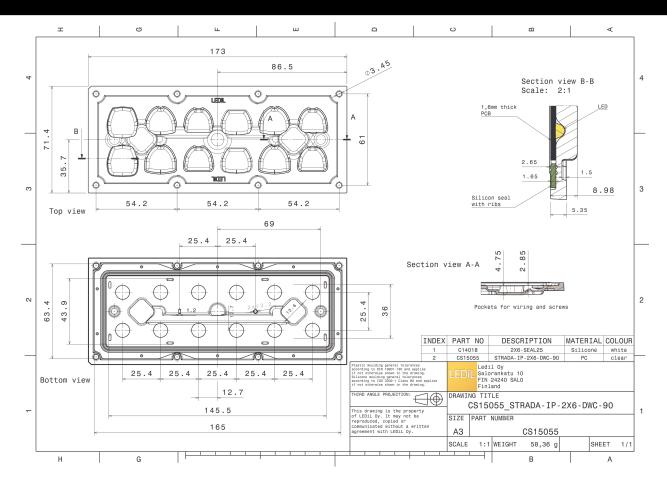
MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-IP-2X6-DWC-90-PC	Multi-lens	PC	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15055_STRADA-IP-2X6-DWC-90-PC	Multi-lens	120		40	7.2
» Box size: 476 x 273 x 247 mm					

®PRODUCTDATASHEETCS15055_STRADA-IP-2X6-DWC-90-PC



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



OPTICAL RESULTS (MEASURED):

			HU
LED	XP-G3		90
FWHM / FWTM	Asymmetric	751	75.
Efficiency	90 %	ko	
Peak intensity	0.5 cd/lm	60% 30	607
LEDs/each optic	1		
Light colour	White	45* 500	
Required compone		600	
		700	
		30° 900 13 ³ 0°	15* 30*
		90*	90*
LED	XT-E		
FWHM / FWTM	Asymmetric	750 000	
Efficiency	89 %	$X \times 7 \mathbb{N}$	X X
Peak intensity	0.6 cd/lm	50° 400	60*
LEDs/each optic	1		
Light colour	White	45* 600	5
Required compone	nts:		
		800	
		1000	30*
		(30*	
		30° 113 ¹ 0 ⁴	19*
		80° (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	10*
LED	NVSW3x9A	200 <u>15</u> o ¹	<u>15*</u> 90*
LED FWHM / FWTM	NVSW3x9A Asymmetric	200 <u>25</u> 0 90 ⁻ 120 100	13*
LED FWHM / FWTM Efficiency	NVSW3x9A Asymmetric 89 %		10°
LED FWHM / FWTM Efficiency Peak intensity	NVSW3x9A Asymmetric 89 % 0.5 cd/lm		157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1		152
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White	25 ³ 0 ⁴	197 197
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White		157 95' 65' 65'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White	25 ¹ 0 ¹	157 157 157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White		157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White		15° 95° 66° 66° 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 89 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 89 % 0.5 cd/lm		15° 50' 50' 60'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA Efficiency Peak intensity LEDs/each optic	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 89 % 0.5 cd/lm 1 White		15° 50' 50' 60'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 89 % 0.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 89 % 0.5 cd/lm 1 White		15° 50' 50' 60'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CONCENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW3x9A Asymmetric 89 % 0.5 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 89 % 0.5 cd/lm 1 White		



OPTICAL RESULTS (MEASURED):

Μ ΝΙCΗΙΛ		90*	90*
LED	NVSxx19B/NVSxx19C		
FWHM / FWTM	Asymmetric	735	75
Efficiency	90 %		
Peak intensity	0.6 cd/lm	504	60*
LEDs/each optic	1		
Light colour	White	45*	45*
Required componer			
		800	
		30° 135 1800 15°	30*
OSRAM Opto Semiconductors		90*	90*
LED	Duris S8		
FWHM / FWTM	Asymmetric	75*	75
Efficiency	91 %	er 200) en
Peak intensity	0.4 cd/lm		/
LEDs/each optic	1	300	
Light colour	White	18°	454
Required componer	nts:	X/X	
		500	
		30* 15 0* 15*	30*
OSRAM			
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	90*	90*
FWHM / FWTM	Asymmetric	78	75
Efficiency	90 %		
Peak intensity	0.6 cd/lm	50* 400	60*
LEDs/each optic	1		
Light colour	White	45* 600	45
Required componer			
		800	
		X	
		1000	205
OSRAM		115 ⁰ 0 ⁰ 15 ⁰	2
Opto Semiconductors		50*	90
LED	OSLON Square PC		
FWHM / FWTM	Asymmetric	750 000	1
Efficiency	89 %		How
Peak intensity	0.6 cd/lm	400	
LEDs/each optic	1	\vee \times \mid \setminus \times	
Light colour	White	45*	45
Required componer	nts:		
		800	
		80	



OPTICAL RESULTS (SIMULATED):

	DS	90 ⁴ 90 ⁴
LED	LUXEON 5050 Round LES	7
FWHM / FWTM	Asymmetric	75%
Efficiency	88 %	
Peak intensity	0.4 cd/lm	60 ⁴ 200 60
LEDs/each optic	1	
Light colour	White	45*
Required components:		
		500
		30* 300
<i>•</i>		139 ² 9 ⁰ 10 ¹
		90 ⁴ 90 ⁴
LED	LUXEON V2	100
FWHM / FWTM	Asymmetric	
Efficiency	86 %	. 60° 660
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	400
Light colour	White	5° as
Required components:		500
		600
		760
		30* 15 ² 0 ⁴ 15 ² 30 ⁴
\sim		
MNICHIA		I HA KHI
	NV/WPDCAM	90° 90'
LED	NV4WB35AM	90* 90°
LED FWHM / FWTM	Asymmetric	99 ⁺ 99 ⁺
LED FWHM / FWTM Efficiency	Asymmetric 87 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 87 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1	57 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White	50 00 31 70 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM Efficiency	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric 86 %	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric	50 00 31 70 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric 86 % 0.5 cd/lm	50 00 31 70 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric 86 % 0.5 cd/lm 1	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric 86 % 0.5 cd/lm 1	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric 86 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.4 cd/lm 1 White PrevaLED Brick HP IP 2x6 Asymmetric 86 % 0.5 cd/lm 1	50 00 31 70 20



OPTICAL RESULTS (SIMULATED):

SAMSUN	IG	80°
LED	LH351C	
FWHM / FWTM	Asymmetric	75° 75°
Efficiency	87 %	
Peak intensity	0.4 cd/lm	60* 60*
	1	
LEDs/each optic	White	
Light colour Required components:	White	6' G'
Required components.		400
		30° 15° 6% 15° 30°
SAMSUN	IG	
		90* 90*
	LH502C	750 780
FWHM / FWTM	Asymmetric	
Efficiency	86 %	604 604
Peak intensity	0.4 cd/lm	200
LEDs/each optic	1	
Light colour	White	45* 000 45*
Required components:		
		400
		30° 13 ⁵ 0° 15° 30°
SAMSUN	10	
		90° 90°
LED	LM301D	200
FWHM / FWTM	Asymmetric	$\Lambda \subset \mathbb{Z}/\mathbb{Z}/\mathbb{Z}$
Efficiency	88 %	60* 60* 60*
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	$\times \times / \wedge \times \times$
Light colour	White	45* 400 45*
Required components:		
		50
		500 600 80* 12 ³ 70 12 ³ 20 ⁴ 12 ⁹ 30 ³
		900 600 30° 13° 33°
SEOUL SEMICONDUCTOR		900 900 900 900 900 900 900 900
seoul semiconductor LED	SEOUL DC 5050 6V	500 600 80° 10° 10° 10° 10° 10° 10°
sedul semiconductor LED FWHM / FWTM	Asymmetric	90 90 90 90 90 90 90 90 90 90 90 90 90 9
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 88 %	500 500 500 500 500 500 500 500
seoul semiconouctor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 88 % 0.4 cd/lm	200 200 200 200 200 200 200 200 200 200
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.4 cd/lm 1	900 600 10 ⁴ 10 ⁴
seoul semiconouctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.4 cd/lm	900 900 900 900 900 900 900 900
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.4 cd/lm 1	6 ¹ 20 20 20 20 20 20 20 20 20 20
seour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.4 cd/lm 1	200 200 200 200 200 200 200 200
stoul semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.4 cd/lm 1	200 200 201 201 201 201 201 201



OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR		5°
LED	Z5M4	
FWHM / FWTM	Asymmetric	70'
Efficiency	88 %	
Peak intensity	0.4 cd/lm	.80°
LEDs/each optic	1	
Light colour	White	
Required component	S:	
		50



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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