

STRADA-IP-8MX-T2-C-PC

IESNA Type II (medium) beam with added house side backlight. Designed for tilted and long armatures. PC variant.

TECHNICAL SPECIFICATIONS:

Dimensions	90.0 x 90.0 mm
Height	9.6 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



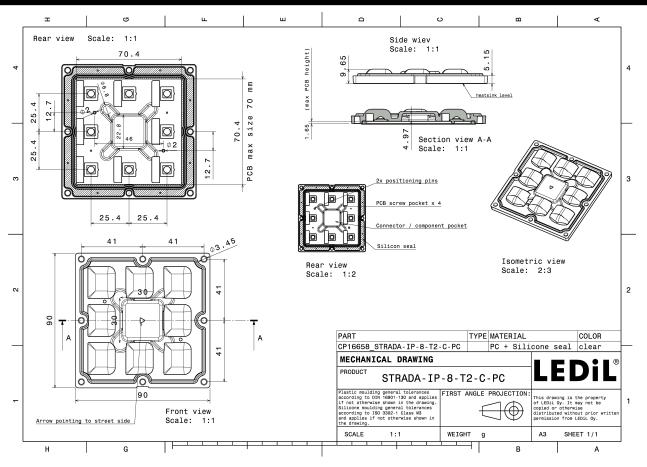
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-IP-8MX-T2-C-PC	Multi-lens	PC	clear	
STRADA-IP-8MX-SEAL	Seal	Silicone	clear	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16658_STRADA-IP-8MX-T2-C-PC	Multi-lens	156	52	52	7.3
» Box size: 480 x 280 x 300 mm					





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



PHOTOMETRIC DATA (MEASURED):

	EDS	THY KHI
		30*
	LUXEON 5050 Round LES	75%
FWHM / FWTM	Asymmetric	
Efficiency	91 %	50%
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 460
Required compone	ents:	
		190* <u>10</u> * 0* 10* 3
	.EDS	
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	720 200
Efficiency	89 %	
Peak intensity	0.5 cd/lm	60*
LEDs/each optic	1	
Light colour	White	45* 400 4
Required compone	ents:	
		~ ~ ~
		710
		130° 15° 3
UMIL	.EDS	»-
	LUXEON 5050 Square LES	
		90 ⁴ 19 ⁴
LED	LUXEON 5050 Square LES	
LED FWHM / FWTM	LUXEON 5050 Square LES Asymmetric	92 ⁻ 25 ⁴ 65 ⁴ 90 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 90 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents:	20 65 65 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents:	234 239 454 290 469 469 560 600 700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents:	20 65 65 67 66 66 66 66 66 66 66 66 66 66 66 66
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents: NFMW48xA Asymmetric 90 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents: NFMW48xA Asymmetric 90 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents: NFMW48xA Asymmetric 90 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents: NFMW48xA Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents: NFMW48xA Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents: NFMW48xA Asymmetric 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White ents: NFMW48xA Asymmetric 90 % 0.5 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

ØNICHI/		20	90*
LED	NV4WB35AM		
FWHM / FWTM	Asymmetric		75°
Efficiency	89 %		<
Peak intensity	0.6 cd/lm		60*
LEDs/each optic	1		
Light colour	White	5	45*
Required compone	nts:	80	
)
			1
		90°	30*
OSRAM			
Opto Semiconductors		x ¹	90*
LED	Duris S8	10	
FWHM / FWTM	Asymmetric		75°
Efficiency	91 %		504
Peak intensity	0.5 cd/lm		/
LEDs/each optic	1		
Light colour	White		45*
Required compone	nts:		
		80	
		X No T	\times
		30 ⁴ 30 ⁶ 30 ⁴	30*



PHOTOMETRIC DATA (SIMULATED):

LED J Series 5050 Round LES FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Vinite CREE LED XP-G3			
LED J Series 5050 Round LES FWHM / FWTM Asymmetric Efficiency 93% Peak intensity 0.5 cd/m LEDS/each optic 1 Light colour White Required components: CREE LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91% Peak intensity 0.5 cd/m LEDS/each optic 1 LEDS/each optic 1 LED			90* 90*
FWHM / FWTM Asymmetric Efficiency 93% Peak intensity 0.5 col/m LEDs/each optic 1 Light colour White Required components:		J Series 5050 Round LES	
Efficiency 93 % Peak intensity 0.5 cd/m LEDs/each optic 1 LEDs/each optic 1 LEDs/each optic 1 LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/m LEDs/each optic 1 LEDs/each optic 1 LED XP-L2 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/m LEDs/each optic 1 LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/m LEDs/each optic 1 LEDs/each optic 1 LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/m LEDs/each optic 1 LEDs/each optic 1 LEDs/	FWHM / FWTM	Asymmetric	73°
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: CREE LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91% Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92% Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	Efficiency		
LEDs/each optic 1 Light colour White Required components: CREE LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 LEDs/each optic 1 Light colour White			60° 60°
Light colour White Required components: CREE LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 LEDs/each optic 1 LEDs/ea			$X \times I \times X$
Required components: CREE LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/m LEDs/each optic 1 Light colour White Required components: LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/m LEDs/each optic 1 LEDs/each optic 1			400
CREE LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: CREE KWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White			500
CREE \$ LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State Stat			600
CREE \$ LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State Stat			
CREE \$ LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State Stat			700
LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			90° <u>800</u> 15° 30°
LED XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	CREE 🚖		90° 90°
FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component in the i	LED	XP-G3	
Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	FWHM / FWTM	Asymmetric	720 720
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: CREE Image: Creating the system of the sy			1 A hard A
LEDs/each optic 1 Light colour White Required components: CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White		0.5 cd/lm	604 601
Light colour Required components: White CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/Im LEDs/each optic 1 Light colour White CREE		1	30
Required components: CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White		White	45* 400 45*
CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			
CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			500
CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			600
CREE LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			
LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			30* 15 ⁵ 0° 15* 30 ⁶
LED XP-L2 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	CREE 🔶		9°* 9**
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White		XP-L2	
Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			73°
Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			
LEDs/each optic 1 Light colour White			60*
Light colour White			30
			45" 460 45"
50 20			X/TX
60			200
			500
30 ⁴ 25 ³ 30 ⁶ 25 ⁴ 30 ⁴			30* 30* 30*
	CREE ≑		
		VT F	90* 90*
			750 750
	FWHM / FWTM		
			50 ⁺ 50 ⁺
Efficiency 91 %			
Peak intensity 0.5 cd/lm			XX / ** XX
Peak intensity 0.5 cd/lm LEDs/each optic 1		WING	45" 500 45"
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White			
Peak intensity 0.5 cd/lm LEDs/each optic 1			
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White			
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White			30* 25° 30° 30°



PHOTOMETRIC DATA (SIMULATED):

F		
Μ ΝΙCΗΙΛ		90° 90°
LED	NF2x757G	100
FWHM / FWTM	Asymmetric	750 770 770
Efficiency	88 %	XX
Peak intensity	0.5 cd/lm	60° 50°.
LEDs/each optic	1	400
Light colour	White	-6° 50 5°
Required components:		
		60
		700
		20
		30* <u>15</u> * <u>30</u> *
ΜΝΙCΗΙΛ		50°
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	100 73°
Efficiency	88 %	
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	4	X X AN
Light colour	White	45* 740 35*
Required components:		
		60
		710
		X Not X
		30 ⁴ 15 ² 0 ⁰ 15 ⁸ 30 ⁴
OSRAM Opto Semiconductors		90° 90°
LED	Duris S5 (Single chip)	
FWHM / FWTM	Asymmetric	73°
Efficiency	88 %	XXX
Peak intensity	0.6 cd/lm	.60 ⁴ 80 ⁴
LEDs/each optic	1	
Light colour	White	.45*
Required components:		500
		X
		740
		30 ⁺ 15 ⁵ 0 ⁶ 15 ⁺ 30 ⁺



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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