

PRODUCT DATASHEET CS18286_STRADA-IP-24-T4-B

STRADA-IP-24-T4-B

Wide IESNA Type IV forward-throw beam for wide area lighting like car parks.

SPECIFICATION:

Dimensions	173.0 x 71.4 mm
Height	9 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



MATERIALS:

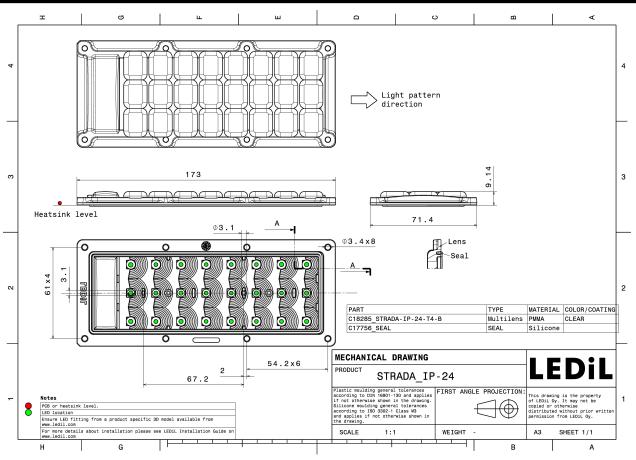
Component	Туре	Material	Colour	Finish
STRADA-IP-24-T4-B	Multi-lens	PMMA	clear	
STRADA-IP-24-SEAL	Seal	Silicone	white	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS18286_STRADA-IP-24-T4-B	120	120	40	7.3
» Box size: 476 x 273 x 247 mm				



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



OPTICAL RESULTS (MEASURED):

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5 Asymmetric 84 % 0.4 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 82 % 0.5 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM RM24 ZP (LH502D) Asymmetric 85 % 0.5 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):

		THI FFI
LED	J Series 5050C 6V E Class	90*
FWHM / FWTM	Asymmetric	750
Efficiency	79 %	
Peak intensity	0.5 cd/lm	.60% 200
LEDs/each optic	1	
Light colour	White	× ×
Required components:	White	6°'
required components.		400
		\times
		30* <u>15</u> ⁵ <u>86</u> <u>15</u> ⁵
)S	
LED	LUXEON 5050 HE	yr.
FWHM / FWTM	Asymmetric	750
Efficiency	82 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	200
Light colour	White	5
Required components:		
		\times / \times
		400
		\times
		30*
		15 ⁵ 0 ⁶ 15 ⁴
)S	
		90° <u>15°</u>
LED	LUXEON 5050 Round LES	
LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric	
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 79 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 79 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: Composed State Composed St	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 79 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 79 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: Composed State Composed St	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 79 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 79 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 79 % 0.5 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 79 % 0.5 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

		
MST Your solutions		
		90* 90*
	RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2	75°
FWHM / FWTM	Asymmetric	
Efficiency	79 %	604 604
Peak intensity	0.4 cd/lm	200
LEDs/each optic	1	
Light colour	White	45° 310 45°
Required components:		
		400
		X X
		30 ⁴ 500 30 ⁴
~~~~~		15 ⁵ 0 ⁶ 15 ⁴
<b>Μ</b> ΝΙCΗΙΛ		90* 90*
LED	NFMW48xA	
FWHM / FWTM	Asymmetric	730 740
Efficiency	81 %	
Peak intensity	0.4 cd/lm	60* <u>60</u> *
LEDs/each optic	1	
Light colour	White	45* 340 45*
Required components:		X   X
		400
		130 135 0° 15*
ΜΝΙCΗΙΛ		90*
	NVSW519A	10°
LED	NVSW519A Asymmetric	24
LED FWHM / FWTM	Asymmetric	90°
LED FWHM / FWTM Efficiency	Asymmetric 77 %	90°
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.5 cd/lm	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm 1	67 <u>50</u> 61 ⁴ <u>50</u> 61
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>OSRAM</b> Opto Semiconductors LED FWHM / FWTM	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SOSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 % 0.4 cd/lm 1	
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	Asymmetric 77 % 0.5 cd/lm 1 White Duris S8 Asymmetric 79 % 0.4 cd/lm 1	



# **OPTICAL RESULTS (SIMULATED):**

SAMSUN	IG	95*
LED	LH502D	
FWHM / FWTM	Asymmetric	75%
Efficiency	78 %	
Peak intensity	0.4 cd/lm	60 ⁴ 200 601.
LEDs/each optic	1	
Light colour	White	45* 300 45*
Required components:		
		400
		15° 0° 15°
SEOUL SEMICONDUCTOR		TA FT
		90* 90*
LED	SEOUL DC 5050 6V	
LED FWHM / FWTM	Asymmetric	8°
LED FWHM / FWTM Efficiency	Asymmetric 79 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 79 % 0.4 cd/lm	90° 0° 73° 0° 60° 200 60°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 79 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 79 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 79 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 79 % 0.4 cd/lm 1	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 79 % 0.4 cd/lm 1	



#### **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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**Shipping locations** Salo, Finland Hong Kong, China

#### **Distribution Partners** www.ledil.com/ where_to_buy

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