

PRODUCT DATASHEET CS18284_STRADA-IP-24-T2-M

STRADA-IP-24-T2-M

IESNA Type II (medium) beam with excellent backlight control, illuminance uniformity and cutoff.

SPECIFICATION:

Dimensions	173.0 x 71.4 mm
Height	9.1 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



Finish

MATERIALS:

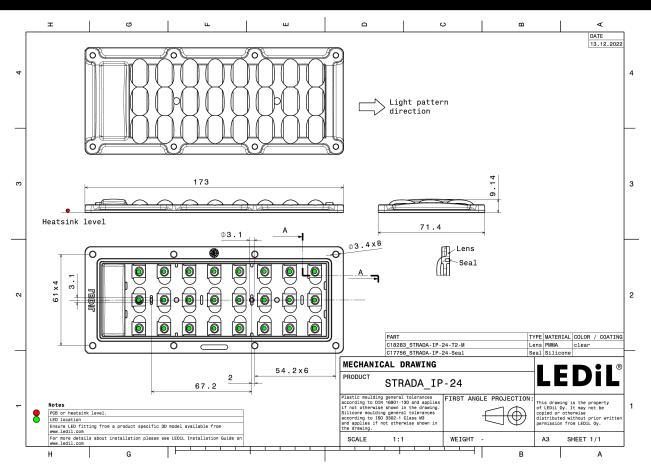
Component	
STRADA-IP-24-T2-M	
STRADA-IP-24-SEAL	

Туре	Material	Colour
Multi-lens	PMMA	clear
Seal	Silicone	white

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS18284_STRADA-IP-24-T2-M	120	120	40	6.2
» Box size: 476 x 273 x 247 mm				

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



OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS		
		90* 90*
	LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5	732 732
FWHM / FWTM	Asymmetric	
Efficiency	92 %	50° 60°
Peak intensity	0.5 cd/lm	440
LEDs/each optic	1	
Light colour	White	45° 45
Required compone	nts:	
		X X
		800
		30° 30'
		90* 90*
LED	J Series 5050B 6V K Class	
FWHM / FWTM	Asymmetric	200 73°
Efficiency	93 %	
Peak intensity	0.6 cd/lm	50°
LEDs/each optic	1	X/T X
Light colour	White	6° 6°
Required compone	nts:	600

		200 200
		19 ⁵ 10 ⁶ 0 15 ⁴
🥙 LUMIL	EDS	90* 90*
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	75°
	20 X	200
Efficiency	93 %	200
Efficiency Peak intensity	93 % 0.6 cd/lm	500 504 604
		60°
Peak intensity	0.6 cd/lm	
Peak intensity LEDs/each optic	0.6 cd/lm 1 White	200 200
Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White	200 200 400 400 400 400
Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White	6° - 06 - 0°
Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White	00
Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White nts:	
Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White nts:	00
Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White nts:	90- 90- 90- 90- 90- 90- 90- 90- 90- 90-
Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010)	00
Peak intensity LEDs/each optic Light colour Required compone LUMIL LED FWHM / FWTM	0.6 cd/lm 1 White nts:	60 80 90 90 90 10 10 10 10 10 10 10 10 10 1
Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 %	60 80 90 90 90 10 10 10 10 10 10 10 10 10 1
Peak intensity LEDs/each optic Light colour Required compone ULUMIL LED FWHM / FWTM Efficiency Peak intensity	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 % 0.6 cd/lm	60 80 90 90 90 10 10 10 10 10 10 10 10 10 1
Peak intensity LEDs/each optic Light colour Required compone UDINIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 % 0.6 cd/lm 1	60 80 90 90 90 10 10 10 10 10 10 10 10 10 1
Peak intensity LEDs/each optic Light colour Required compone Comparison LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 % 0.6 cd/lm 1 White	60 00 00 00 00 00 00 00 00 00
Peak intensity LEDs/each optic Light colour Required compone UDINIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 % 0.6 cd/lm 1 White	60 80 90 90 90 10 10 10 10 10 10 10 10 10 1
Peak intensity LEDs/each optic Light colour Required compone Comparison LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 % 0.6 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
Peak intensity LEDs/each optic Light colour Required compone Comparison LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White nts: EDS LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 % 0.6 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°



OPTICAL RESULTS (MEASURED):

SAMSU	JNG	50° (
LED	HiLOM RM24 ZP (LH502D)	
FWHM / FWTM	Asymmetric	70 70
Efficiency	93 %	
Peak intensity	0.6 cd/lm	10 ⁴ 64
LEDs/each optic	1	
Light colour	White	e. e.
Required compone	nts:	60
		50°
	1.1157	
SCIO	LUX	30* 30*
LED	CHI-VP-10K5-740-36	
FWHM / FWTM	Asymmetric	38
Efficiency	91 %	20
Peak intensity	0.6 cd/lm	30
LEDs/each optic	1	
Light colour	White	(c)* (d) (c)*
Required compone	nts:	70
		30° 10 ⁵ 0° 30°
SCIO	LUX	90°
LED	CHIEC-VE-11K4-740-48	
FWHM / FWTM	Asymmetric	79
Efficiency	92 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	er e
Required compone	nts:	
		²⁴² <u>15⁴</u> 0 ⁴ <u>15⁴</u> ³⁰



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bridgelux.		90* 90*
LED	Bridgelux SMD 5050	
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.4 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	400
Required components:	White	
required components.		600
		30* <u>800</u> 30* 30*
CREE ÷		
LEDS	J Series 5050C 6V E Class	90° - 90°
FWHM / FWTM	Asymmetric	750 100 750
Efficiency	89 %	200
Peak intensity	0.5 cd/im	604 604
LEDs/each optic	1	- 30
Light colour	White	400 437
Required components:		
		600
		710
		30° 15° 30°
		22 ² 0 ² 12 ² 20 ²
	XP-G3	90° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
LED	XP-G3 Asymmetric	25° 0° 15° 20°
LED FWHM / FWTM	Asymmetric	90° 10° 10° 10° 90° 10° 10° 10° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency	Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.5 cd/lm 1 White	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.5 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COMPARENT LED FWHM / FWTM Efficiency	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric 93 %	60 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COMPARENT LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric 93 % 0.4 cd/lm	60 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric 93 % 0.4 cd/lm 1	60 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric 93 % 0.4 cd/lm	60 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric 93 % 0.4 cd/lm 1	60 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric 93 % 0.4 cd/lm 1	60 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.5 cd/lm 1 White S LUXEON 5050 HE Asymmetric 93 % 0.4 cd/lm 1	60 00 00 00 00 00 00 00 00 00



UMILEC	DS	90* 90
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 93 %	200 × 72
Peak intensity	95 /o 0.5 cd/lm	504 60
LEDs/each optic	1	
Light colour	White	45* 45
Required components:		500 30° - 13° - 30
MST Your solutions		90* 90
LED	RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2	
FWHM / FWTM	Asymmetric	75%
Efficiency	90 %	
Peak intensity	0.4 cd/lm	10 ⁻ 60 ⁻
LEDs/each optic	1	200
Light colour	White	et e
Required components:		30
		30* <u>15</u> ⁵ 0 ⁶ 13 ⁵ 30
MICHIΛ		90*
LED	NFMW48xA	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	504 50
Peak intensity	0.5 cd/lm 1	
LEDs/each optic Light colour Required components:	1 White	.07
		20 ¹ 12 ³ 0 ⁴ 12 ³ 30
OSRAM Opto Semiconductors		90° 99
LED	Duris S8	
FWHM / FWTM	Asymmetric	75%
Efficiency	88 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45. 400 45
Required components:		



OSRAM Opto Semiconductors		
LED	OSCONIQ S 5050	
FWHM / FWTM	Asymmetric	750 100 750
Efficiency	88 %	
-		60* 200 60*
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		200
		600
		30* 30*
		49 10 10
SAMSUN	IG	90* 90*
LED	HiLOM RM24 ZP (LH502C)	
FWHM / FWTM	Asymmetric	750 750
Efficiency	92 %	200
Peak intensity	0.5 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	400
Light colour	White	45* 45*
Required components:		
		000
		30° 800 30° 30° 30°
SAMSUN	IC	THY YAT
		90* 90*
LED	LH502C	730 100 70
FWHM / FWTM	Asymmetric	
Efficiency	90 %	50* 60*
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	$X \times I \times X$
Light colour	White	45* 400 45*
Required components:		500
		30* 700 30*
0.0.0.0.0.0.0		
SAMSUN	10	90* 90
LED	LH502D	
FWHM / FWTM	Asymmetric	73
Efficiency	90 %	200
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		



SAMSU	IG	90° 90°
LED	LH508C	
FWHM / FWTM	Asymmetric	75*
Efficiency	90 %	200
Peak intensity	0.5 cd/lm	50 ⁴ 60 ⁴
LEDs/each optic	1	400
Light colour	White	451 534
Required components:		
		600
		X X
		an ⁺ 800 31 ⁺
		15 ⁵ 0 ⁶ 15 ⁶
SAMSUN	IG	90* 90*
LED	LM301D	
FWHM / FWTM	Asymmetric	75%
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60 ⁴ 604
LEDs/each optic	1	\times
Light colour	White	5 ¹ 5 ¹
Required components:		600
		000
		30* 30*
		15° 1000 15°
		90* 90*
LED	SEOUL DC 5050 6V	
FWHM / FWTM	Asymmetric	75°
Efficiency	92 %	200
Peak intensity	0.4 cd/lm	60 ⁴ X 60 ⁴
LEDs/each optic	1	100
Light colour	White	451 634
Required components:		X X
		640
		\times / \mid \setminus \times
		30" 300 30" 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:

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