

STRADA-IP-24-DWC-PC

Universal road lighting (IESNA Type II medium) beam with excellent mixed illuminance and luminance uniformity. Variant made from PC.

SPECIFICATION:

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



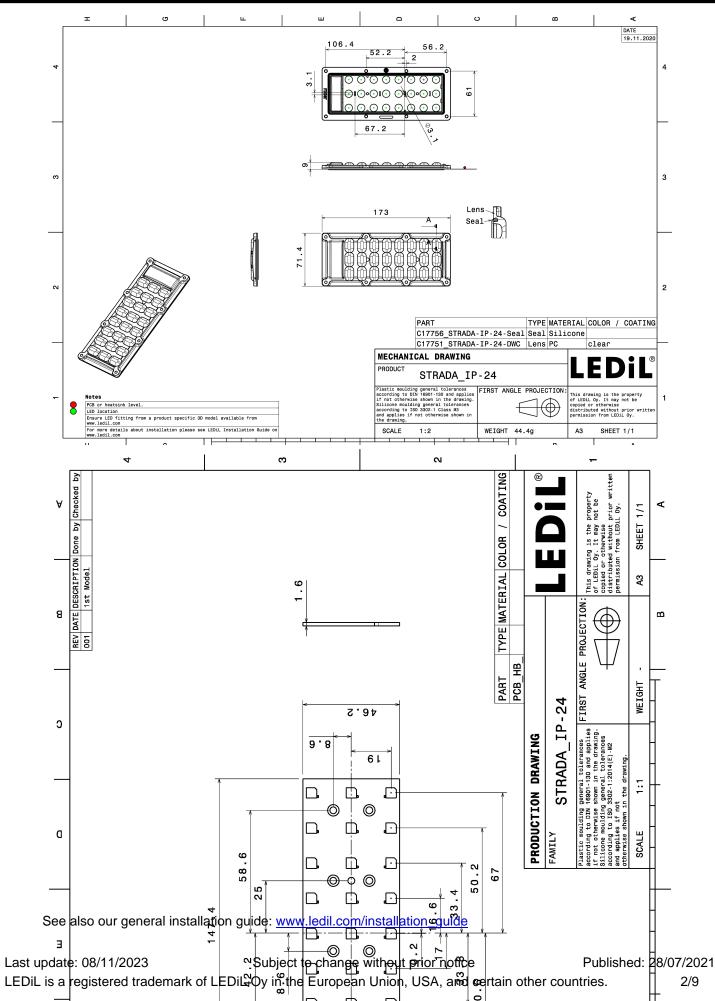
MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-IP-24-DWC-PC	Multi-lens	PC	clear	
STRADA-IP-24-SEAL	Seal	Silicone	white	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS17760_STRADA-IP-24-DWC-PC	120	120	40	6.1
» Box size: 476 x 273 x 247 mm				







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 90 % 0.5 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 HE Asymmetric 91 % 0.5 cd/lm 1 White	
Control Contro	LUXEON 5050 Square LES Asymmetric 90 % 0.5 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-5050 HE (L225-xxxx024MLU010) Asymmetric 91 % 0.5 cd/lm 1 White	20 ^{**} 13 [*] 13 [*] 33



OPTICAL RESULTS (MEASURED):

S ΛΜSL	ING	90*
LED	HiLOM RM24 ZP (LH502D)	
FWHM / FWTM	Asymmetric	710 710
Efficiency	91 %	200
Peak intensity	0.5 cd/lm	20 ⁴
LEDs/each optic	1	
Light colour	White	45° 45°
Required componer	its:	X X X
		000
		700
		15° 30° 15° 30°
SCIO	LUX	90° 90°
LED	CHI-VP-10K5-740-36	
FWHM / FWTM	Asymmetric	75*
Efficiency	89 %	200
Peak intensity	0.5 cd/lm	20 ⁴ 200
LEDs/each optic	1	
Light colour	White	45* 45*
Required componer	its:	
		× + **
		700
		30° 30°
		10 ² 10 ² 10 ²
SCIO	LUX	90° 90°
LED	CHIEC-VE-11K4-740-48	100
FWHM / FWTM	151.0 + 77.0° / 159.5 + 136.5°	75*
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	× / +00
Light colour	White	43° 700 60°
Required componer	its:	
		de la companya de la comp
		760
		30° 30° 30°



		90* 90*
LED	J Series 3030	
FWHM / FWTM	Asymmetric	200
Efficiency	89 %	
Peak intensity	0.5 cd/lm	400
LEDs/each optic	1	X// X
Light colour	White	45° 45°
Required components:		
		800
		30* 30* 30*
		90* 90*
LED	J Series 5050 Round LES	754 100 75°
FWHM / FWTM	Asymmetric	
Efficiency	88 %	50° 50°
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	$X \times I \times X$
Light colour	White	45* 400 45*
Required components:		50
		30* 700 30*
		15 ⁵ 0° 15°
		90 ⁺
LEDS	I Series 5050B 30V K Class	10 ¹
LED	J Series 5050B 30V K Class	30° 97°
LED FWHM / FWTM	Asymmetric	90° 90° 73° 00 73°
LEDs LED FWHM / FWTM Efficiency	Asymmetric 82 %	90° 90° 73° 200 73° 80° 60°
LEDs LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 82 % 0.4 cd/lm	92* 93* 04 90 90 90 90 90 90 90 90 90 90 90 90 90
LEDs FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 82 % 0.4 cd/lm 1	92 ⁴ 10 ⁴ 0 ⁵ 0 ⁶ 0 ⁶ 0 ⁶
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm	95° 100 100 100 100 100 100 100 10
LEDs FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 82 % 0.4 cd/lm 1	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1	91 10 10 10 10 10 10 10 10 10 1
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.4 cd/lm 1	40 50 60
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1 White	40 50 60
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.4 cd/lm 1	20 ⁻ 20 ⁻
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.4 cd/lm 1 White	40 50 60
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class	20 ⁻ 20 ⁻
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class Asymmetric	20 ⁻ 20 ⁻
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LEDs LED FWHM / FWTM Efficiency	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class Asymmetric 87 %	20 ⁻ 20 ⁻
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LEDs LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class Asymmetric 87 % 0.4 cd/lm	20 ⁻ 20 ⁻
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class Asymmetric 87 % 0.4 cd/lm 1	20 ⁻ 20 ⁻
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class Asymmetric 87 % 0.4 cd/lm 1	20 ⁻ 20 ⁻
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class Asymmetric 87 % 0.4 cd/lm 1	5° 60 5° 60 5° 60 5° 5° 5° 5° 5°
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1 White J Series 5050B 6V K Class Asymmetric 87 % 0.4 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°



CREE ÷ LED J Series 5050C 6V E Class FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	80*
LED J Series 5050C 6V E Class FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1	
FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1	
Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1	700
Peak intensity 0.4 cd/lm LEDs/each optic 1	K
LEDs/each optic 1	601
	65*
Required components:	
70	
33* 42 44	15° 30°
LUMILEDS	RAT.
	90*
LED LUXEON C	
FWHM / FWTM Asymmetric	
Efficiency 79 %	60*
Peak intensity 0.5 cd/lm	
LEDs/each optic 4	
Light colour RGBW	
Required components:	
50	
00	
3*	30*
	10*
MST Your solutions	90*
LED RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2	
FWHM / FWTM Asymmetric	70%
Efficiency 87 %	
Peak intensity 0.4 cd/lm	60*
LEDs/each optic 1	
Light colour White	5+
Required components:	
20	
500	
	30°
32°	FT.
	90* D
LED NFMW48xA	70°
LED NFMW48xA FWHM / FWTM Asymmetric	75°
LED NFMW48xA FWHM / FWTM Asymmetric Efficiency 85 %	
LED NFMW48xA FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm	
LED NFMW48xA FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/m LEDs/each optic 1	64
LEDNFMW48xAFWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/mLEDs/each optic1Light colourWhite	67
LED NFMW48xA FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/m LEDs/each optic 1	67
LEDNFMW48xAFWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/mLEDs/each optic1Light colourWhite	6,
LEDNFMW48xAFWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/mLEDs/each optic1Light colourWhite	6,



OSRAM Opto Semiconductors		90°
LED	OSCONIQ S 5050	
FWHM / FWTM	Asymmetric	75° 100 75°
Efficiency	85 %	
Peak intensity	0.5 cd/lm	60* 60*
LEDs/each optic	1	30
Light colour	White	
Required components:		40
		500
		60
		30* 45° 0° 15° 30*
OSRAM		
Opto Semiconductors	OCI ON Servere CCCDM2/CCCDM2	90* 90*
LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3	75°
	Asymmetric 89 %	
Efficiency	0.5 cd/lm	. 60°
Peak intensity	1	400
LEDs/each optic Light colour	ı White	
Required components:	Wille	45* 660 45*
Required components.		\times / \times
		80
		\times
		30* 1000 30* 30*
SVWSUN		90° - 90°
LED	HiLOM RM24 ZP (LH502C)	100 90°
LED FWHM / FWTM	HiLOM RM24 ZP (LH502C) Asymmetric	gy 50 92
LED FWHM / FWTM Efficiency	HiLOM RM24 ZP (LH502C) Asymmetric 87 %	23- 23- 20- 20- 20- 20- 604
LED FWHM / FWTM Efficiency Peak intensity	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm	91 ⁴ 73 ⁴ 50 ⁴ 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm	92 ⁻ 92 ⁻ 62 ⁺ 92 ⁻ 60 ⁺ 20 ⁻ 20 ⁻ 20 ⁻ 60 ⁺ 20 ⁻ 60 ⁺ 60 ⁺
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HILOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HILOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HILOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HILOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HILOM RM24 ZP (LH502C) Asymmetric 87 % 0.4 cd/lm 1 White	



SAMSUN	IG	90° 90+
LED	LH502D	
FWHM / FWTM	Asymmetric	720 (500 /92
Efficiency	88 %	200
Peak intensity	0.4 cd/lm	60 ⁴ 80 ⁴
LEDs/each optic	1	
Light colour	White	45° 400 55°
Required components:		200
		50
		30* 700 30*
0.0.0.0.0.0.0		
SAMSUN	IG	80* 90*
LED	LH508C	
FWHM / FWTM	Asymmetric	
Efficiency	87 %	200
Peak intensity	0.4 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 400 55*
Required components:		500
		600
		30* <u>11³</u> 0 ⁴ 11 ⁴ 30 ⁴
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	SEOUL DC 5050 6V	200
FWHM / FWTM	Asymmetric	
Efficiency	88 %	.60* 200 60*.
Peak intensity	0.4 cd/lm	30
LEDs/each optic	1	$\times \times / \top \setminus \times \times$
Light colour	White	·65* 400 45*
Required components:		200
		30° 15° 786 15° 30°