

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 🛈



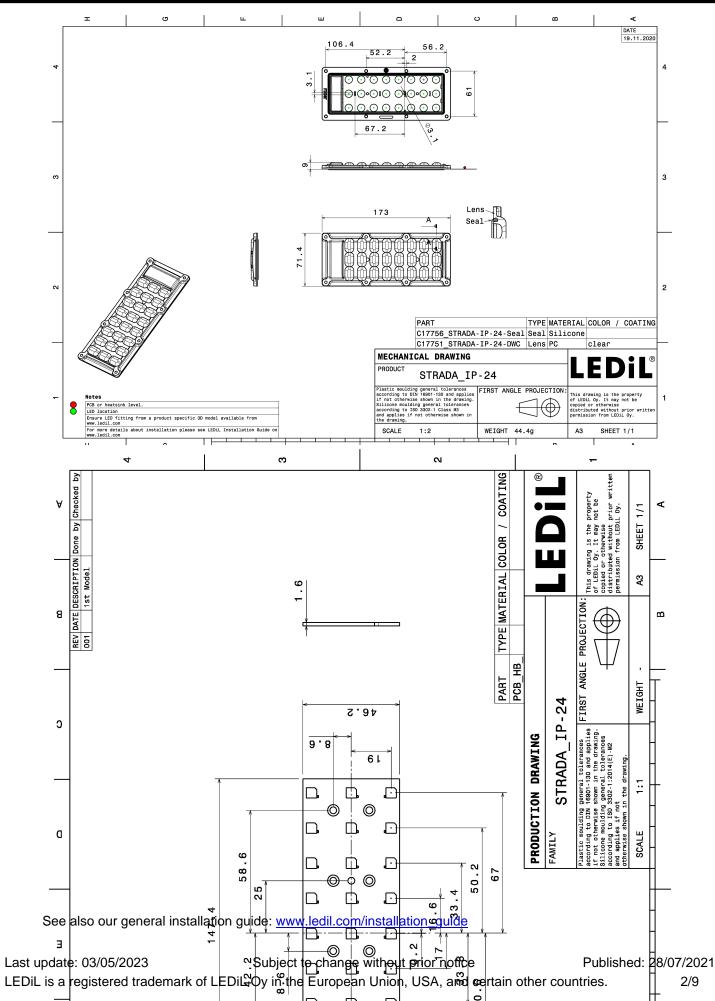
MATERIALS:

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):

ELECTRONICS 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	
Control Contro	LUXEON 5050 HE Asymmetric 91 % 0.5 cd/lm 1 White	95 ³ 96 ³ 60 ⁴ 60 ⁴ 70
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 ⁺ 23 ⁺ 50 ⁺ 23 ⁺ 3



OPTICAL RESULTS (MEASURED):

SVWSI	JNG	92
LED	HiLOM RM24 ZP (LH502D)	
FWHM / FWTM	Asymmetric	72
Efficiency	91 %	20
Peak intensity	0.5 cd/lm	80° 64.
LEDs/each optic	1	
Light colour	White	45
Required compone	ints:	50
		70
		30° 30'
		12/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 - 17/2 -
SCIO	LUX	90°
LED	CHI-VP-10K5-740-36	
FWHM / FWTM	Asymmetric	784
Efficiency	89 %	
Peak intensity	0.5 cd/lm	20
LEDs/each optic	1	40
Light colour	White	
Required compone	nts:	
		70
		30" 30 30 30" 30"



LED	J Series 3030	90-
FWHM / FWTM	Asymmetric	73°
Efficiency	89 %	
Peak intensity	0.5 cd/lm	60*
LEDs/each optic	1	400
Light colour	u White	
Required components:	White	45° 000 45°
Required components.		\times / \times
		800
		\times / \times / \times
		30* <u>15</u> ⁵ 1000 15* 30*
LED	J Series 5050 Round LES	19°-
FWHM / FWTM	Asymmetric	78
Efficiency	88 %	
Peak intensity	0.4 cd/lm	50° 60°
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:	WIIG	
Required components.		500
		0/3
		30° 13 ⁵ 0° 15° 30°
		ITA KHI
	I Sarias 5050C SV E Class	
LED	J Series 5050C 6V E Class	200 100 100 100 100 100 100 100 100 100
LED FWHM / FWTM	Asymmetric	200 200 200 200 200 200 200
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	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 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White S LUXEON C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White S LUXEON C Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 79 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White VNite LUXEON C Asymmetric 79 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White UXEON C Asymmetric 79 % 0.5 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White VNite LUXEON C Asymmetric 79 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White UXEON C Asymmetric 79 % 0.5 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White UXEON C Asymmetric 79 % 0.5 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 0.4 cd/lm 1 White UXEON C Asymmetric 79 % 0.5 cd/lm 4	



MST Your solutions		50* 90'
LED	RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2	
FWHM / FWTM	Asymmetric	73°
Efficiency	87 %	
Peak intensity	0.4 cd/lm	50 ⁴ 6
LEDs/each optic	1	
Light colour	White	
Required components:	wille	400 4
Required components.		200
		X/T/X
		600
		30* 15 ² 0° 19 ⁴ 30
Μ ΝΙCΗΙΛ		90* 90
LED	NFMW48xA	
FWHM / FWTM	Asymmetric	75°
Efficiency	85 %	
Peak intensity	0.5 cd/lm	60 60
LEDs/each optic	1	X
Light colour	White	45°
Required components:		400
		500
		X/T/X
		600
		30° 15° 30'
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	X 30
Light colour	White	
Required components:		460
		00
		30* <u>132</u> 0 ⁰ <u>15</u> * 30
OSRAM Opto Semiconductors		90* 90
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	
LED		
LED FWHM / FWTM		75° 78
FWHM / FWTM	Asymmetric	73*
FWHM / FWTM Efficiency	Asymmetric 89 %	
FWHM / FWTM Efficiency Peak intensity	Asymmetric 89 % 0.5 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.5 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.5 cd/lm 1	



FWHM / FWTM Asymmetric Efficiency 37% Peak intensity 0.4 cd/m LED%each optic 1 Light colour White Required components: SAMSUNC LED Fileform 88% Peak intensity 0.4 cd/m LED/each optic 1 Light colour White Required components: SAMSUNC LED Fileform 89% Peak intensity 0.4 cd/m LED/each optic 1 Light colour White Required components: SAMSUNC LED Efficiency 89% Peak intensity 0.4 cd/m LED/each optic 1 Light colour White Required components:	<u> </u>		
LED HLCM RAv2 2P (LH502C) FWHM / FWTM Asymmetric Elicidency 87 % Pask Intensity 0.4 cdtm LEDSeach optic 1 Light colour White Required components:	SAMSUN	IG	90* 90*
FWHM / FWTM Aymmetric Efficiency 97% Pask intensity 0.4 odfm LEDWeach optic 1 Light colour White Required components: Image: Components SAMSUNC EBV LED L+502C FWHM / FWTM Asymmetric Emidency 88 % Pask intensity 0.4 odfm LEDVectory for 1 Light colour White Required components: Image: Components SAMSUNC Emidency Bildiancy 84 % Pask intensity 0.4 odfm Light colour White Required components: Image: Components: SAMSUNC Efficiency 85 % Pask intensity 0.4 odfm Light colour White Required components: Image: Components: SAMSUNC Efficiency 85 % Pask intensity 0.4 odfm Light colour White Required components: Image: Components: EED Light colour	LED		
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Light colour White Required components: SAMSUNC LED LH502C FWHM /FVTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components: SAMSUNC LED LH502D FWHM /FVTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 LED LH502D FWHM /FVTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 LEDS LH502D FWHM /FVTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 LEDS LH502D FWHM /FVTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDS/each optic 1 LEDS LH502C FWHM /FVTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 LEDS/each optic 1	LEDs/each optic	1	20
Required components: SAMSUNC LED L1502C FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDS/each optic 1 LEDS/each optic 1		White	45* 400 45*
SAMSUNG LED LH502C FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components: Image: Color of the symmetric SAMSUNG Image: Color of the symmetric LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDSeach optic 1 Light colour White Required components: Image: Color of the symmetric Statistic optic of the symmetric 1 Light colour White Required components: Image: Color of the symmetric Statistic optic of the symmetric 1 Light colour White Required components: Image: Color of the symmetric Statistic optic of the symmetric Image: Color of the symmetric Efficiency 87 % Peak intensity 0.4 cd/m LED LH508C FWHM / FWTM Asymmetric	Required components:		
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FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour While Required components:	SAMSUN	IG	90° 90°
FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:	LED	LH502C	
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LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components: LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White	Efficiency	88 %	200
Light colour White Required components: SAMSUNC LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components: SAMSUNC EVHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components:	Peak intensity	0.4 cd/lm	300
Required components: SAMSUNG LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White	LEDs/each optic	1	
SAMSUNG LED LF02D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components: SAMSUNG FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White	Light colour	White	45* 400 45*
SAMSUNG LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	Required components:		700
SAMSUNG LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			
SAMSUNG LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			×
SAMSUNG LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			30* 700 30*
LED LH502D FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White Required components: Visite SSAMS SUNS LED LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White	0.0.0.0.0.0.0		13 ⁵ 0 ⁸ 15 ⁴
FWTM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: Vhite SAMSSUNS LEDs LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour Naymmetric LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	SVM2OV	lG	90* 90*
FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component in the i	LED	LH502D	
Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	FWHM / FWTM	Asymmetric	75°
LEDs/each optic 1 Light colour White Required components: Image: Component State SAMSUNS Image: Component State SAMSUNS Image: Component State SAMSUNS Image: Component State LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour White	Efficiency	88 %	
Light colour White Required components: SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	Peak intensity	0.4 cd/lm	50°.
Required components:	LEDs/each optic	1	$\times \times / \top \setminus \times \times$
SAMSUNG LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	Light colour	White	45* 400 45*
LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	Required components:		20
LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			
LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			000
LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			30* 700 30*
LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White			
LED LH508C FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	2VIN20V	10	90* 90*
FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	LED		
Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White	FWHM / FWTM		720
LEDs/each optic 1 Light colour White	Efficiency		200
Light colour White	Peak intensity	0.4 cd/lm	
	LEDs/each optic		$X \times / T \setminus X \times$
Required components:	Light colour	White	45* 400 45*
\times / / \times	Required components:		
80			
30. 700			30* 700 200



SEOUL SEMICONDUCTOR		Br. Br.
LED	SEOUL DC 5050 6V	
FWHM / FWTM	Asymmetric	73°
Efficiency	88 %	200
Peak intensity	0.4 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45° 460 45°.
Required components:		
		80° 30° 12 ³ 76 23°



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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