

STRADA-2X2MX-8-DWC

Universal road lighting (typically IESNA Type III medium) beam with excellent mixed illuminance and luminance uniformity

TECHNICAL SPECIFICATIONS:

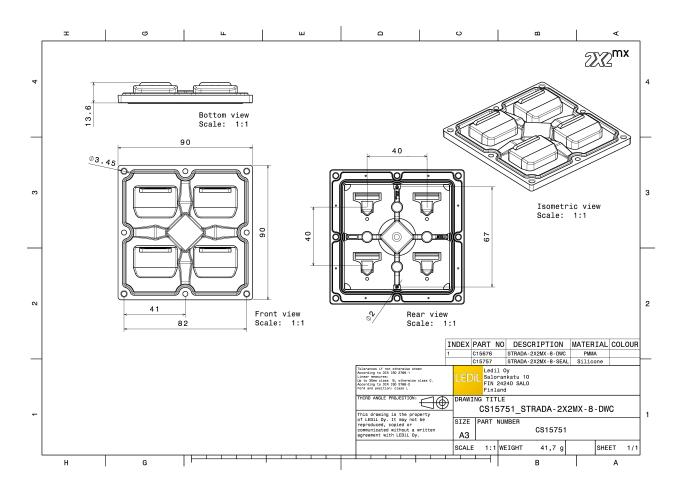
Dimensions	90.0 mm
Height	13.6 mm
Fastening	screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	7.5 kg
Quantity in Box	156 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-2X2MX-8-DWC STRADA-2X2MX-8-SEAL **Type** Multi-lens Seal Material PMMA Silicone Colour clear clear

E D E R PRODUCT DATASHEET S15751_STRADA-2X2MX-8-DWC

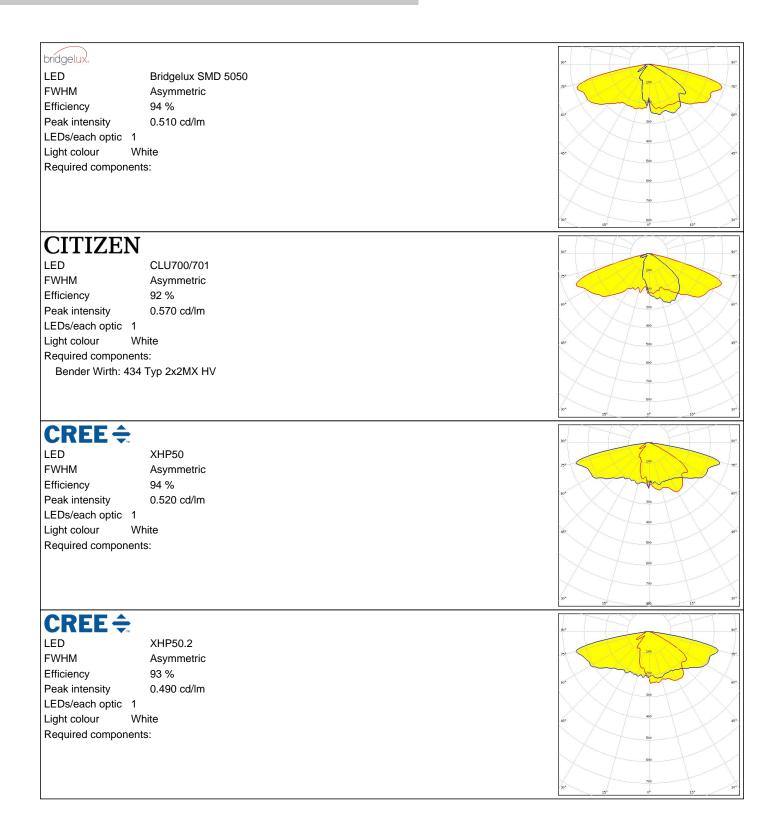




PHOTOMETRIC DATA (MEASURED):

CREE ≑		90° 90°
LED	CXA/B 15xx	G
FWHM	Asymmetric	75* 100 75*
Efficiency	94 %	
		604 200 604
Peak intensity	0.480 cd/lm	
LEDs/each optic		
Light colour	White	45* 400 45*
Required compon		
Bender Wirth: 4	41 Typ 2x2MX HV	500
		30° 15° 0° 15° 30°
	EDS	
LED	LUXEON M/MX	
FWHM	Asymmetric	73°
Efficiency	94 %	1 200 P
Peak intensity	0.640 cd/lm	.60 ⁴
LEDs/each optic		$X \times / X \times$
Light colour	White	400
Required compon		45*
		700
		30° 15° 0° 15° 30°
SAMSU	NG	
		90° 90°
LED	HiLOM SC16 (LH181B)	25* 72*
FWHM	Asymmetric	
Efficiency	94 %	.60* 60*
Peak intensity	0.780 cd/lm	
LEDs/each optic		
Light colour	White	45*
Required compon	ents:	000
		\times / \times
		300
SEQUL		
SEOUL SEMICONDUCTOR		90° 90°
LED	Z8Y22	100
FWHM	Asymmetric	No. No. No.
Efficiency	94 %	
Peak intensity	0.735 cd/lm	
LEDs/each optic		
Light colour	White	45* 500 45*
Required compon	ents:	000
		710
		VATIA







UMILEDS	
LED LUXEON 5050	
FWHM Asymmetric	100
Efficiency 94 %	100
Peak intensity 0.570 cd/lm	.60*
LEDs/each optic 1	400
Light colour White	51
Required components:	
	740
	200
	30° 45° 0° 15° 30°
Μ ΝΙCΗΙΛ	90* 90*
LED NFMW48xA	
FWHM Asymmetric	75%
Efficiency 94 %	A A A A A A A A A A A A A A A A A A A
Peak intensity 0.520 cd/lm	60 ⁴ 30 6 ⁰ 1.
LEDs/each optic 1	400
Light colour White	45* 45*
Required components:	
	70
	30° - 30°
	10 ² 0 ⁶ 10 ²
<i>𝔅</i> NICHIΛ	90* 90*
LED NV4x144A	
FWHM Asymmetric	730 7100 780
Efficiency 93 %	200
Peak intensity 0.440 cd/lm	an for
Peak intensity 0.440 cd/lm LEDs/each optic 1	54
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White	54 50 50 50 50 50 50 50 50 50 50 50 50 50
Peak intensity 0.440 cd/lm LEDs/each optic 1	60 60 60 60 C
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White	er 60
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White	er 60 90 90 90 90 90 90 90
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White	
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White Required components:	
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White Required components:	61 00 00 00 00 00 00 00 00 00 0
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White Required components:	
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White Required components:	64 90 90 90 90 90 90 90 90 90 90
Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White Required components:	
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Peak intensity 0.440 cd/lm LEDs/each optic 1 Light colour White Required components:	



OSRAM Opto Semiconductors		
LED	OSCONIQ P 7070	30° - 90°
FWHM	Asymmetric	730 770
Efficiency	94 %	hand a motion
		60° 60°
Peak intensity	0.520 cd/lm	X 30
LEDs/each optic 1		$X \times I \times X$
	hite	45* 400 45*
Required componen	ts:	200
		30* 700 30*
	N	725. 04. 725.
PHILIPS		90* 90*
LED	Fortimo FastFlex LED 2x2 70x70 DC G4	- 100
FWHM	Asymmetric	75°
Efficiency	94 %	A A A A A A A A A A A A A A A A A A A
Peak intensity	0.470 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic 1		
	hite	45* 400 45*
Required componen		500
		600
		700
		30* 30*
		45 ⁵ 0 ⁶ 15 [*]
SEOUL		139 ⁵ 0 ⁶ 139 ⁶
SEOUL SEMICONDUCTOR	78¥10	80°. 123 04 132
SEOUL SEMICONDUCTOR	Z8Y19	20 20 20 20 20 20 20 20 20 20
seoul semiconductor LED FWHM	Asymmetric	201 201 201 201 201 201 201 201 201 201
seoul semiconductor LED FWHM Efficiency	Asymmetric 93 %	
seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 4	Asymmetric 93 % 0.720 cd/lm	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 4	Asymmetric 93 % 0.720 cd/lm hite	6, 60 6, 80 6, 6, 80 6, 8, 9, 9, 9,
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite	50 50 60 60 50 60 60 60 50 50 50 50
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite	20° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required component	Asymmetric 93 % 0.720 cd/lm hite ts:	
SECOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required componen SECOUL SEMICONDUCTOR LED	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22	90°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required component SEOUL SEMICONDUCTOR LED FWHM	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric	90°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required component SEOUL SEMICONDUCTOR LED FWHM Efficiency	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric 94 %	90°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required componen SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric	90°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required component SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric 94 % 0.610 cd/lm	90° 90°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required comporter SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric 94 % 0.610 cd/lm hite	90°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required component SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric 94 % 0.610 cd/lm hite	50° 50° 50° 50°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required comporter SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric 94 % 0.610 cd/lm hite	50° 50° 50° 50°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required comporter SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric 94 % 0.610 cd/lm hite	50° 50° 50° 50°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required comporter SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W	Asymmetric 93 % 0.720 cd/lm hite ts: Z8Y22 Asymmetric 94 % 0.610 cd/lm hite	50° 50° 50° 50°



SEOUL SEOUL SEMICONDUCTOR		90*
LED	Z8Y50P	5
FWHM	Asymmetric	750
Efficiency	94 %	
Peak intensity	0.560 cd/lm	60 ⁴
LEDs/each optic 1		
Light colour W	hite	457 457
Required component	ts:	20
		600
		760
		20 ⁴
		15° 0% 15° 50



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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