

PRODUCT DATASHEET CS16925_STRADA-IP-8MX-DWC2-PC

STRADA-IP-8MX-DWC2-PC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type II Medium. Variant made from PC.

SPECIFICATION:

Dimensions	90.0 x 90.0 mm
Height	10.1 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



MATERIALS:

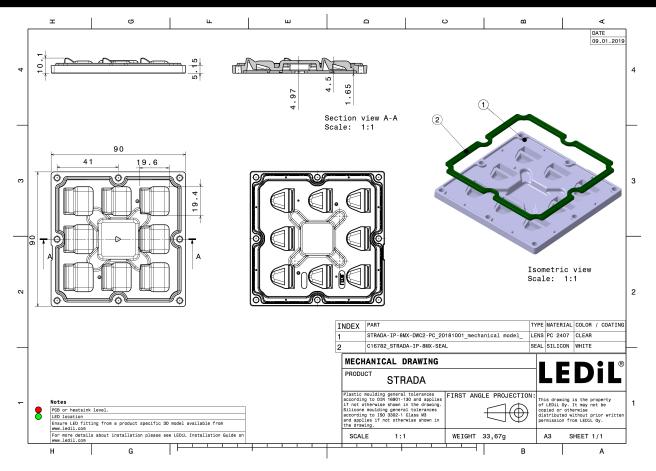
Component	Туре	Material	Colour	Finish
STRADA-IP-8MX-DWC2-PC	Multi-lens	PC	clear	
STRADA-IP-8MX-SEAL	Seal	Silicone	clear	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16925_STRADA-IP-8MX-DWC2-PC	Multi-lens	156	52	52	6.7
» Box size: 480 x 280 x 300 mm					



PRODUCT DATASHEET CS16925_STRADA-IP-8MX-DWC2-PC



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



OPTICAL RESULTS (MEASURED):

COMIL	EDS	
LED	LUXEON 5050 Round LES	*
FWHM / FWTM	Asymmetric	736
Efficiency	90 %	
Peak intensity	0.5 cd/lm	EU ⁴
LEDs/each optic	8	300
Light colour	White	
Required compone		460
		50
		660
		30° 13° 15°
UMIL	EDS	90*
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	25* 100
Efficiency	90 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	30
Light colour	White	45 400
Required compone	nts:	$X \to X$
		30°
	EDS	
		90*
LED FWHM / FWTM	LUXEON 5050 Square LES	750 100
Efficiency	Asymmetric 89 %	
Peak intensity	0.4 cd/lm	50° - 200
LEDs/each optic		
	1	
Light colour	1 White	300
Light colour Required compone	White	5
Light colour Required compone	White	30
	White	6°. 600 500
	White	300 000 000 000
	White	30 5° 600 10° 10° 10° 10° 10° 10° 10° 1
Required compone	White nts:	200 200 200 200 200 200 200 200 200 200
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Required compone	White nts:	
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Required compone	White nts: NV4WB35AM Asymmetric 88 %	
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OPTICAL RESULTS (SIMULATED):

LED	XHP35 HI	90°
FWHM / FWTM		70 70
	Asymmetric	
Efficiency	87 %	50° 50°
Peak intensity	0.6 cd/lm	30
LEDs/each optic	1	X X X X
Light colour	White	45* 400 45*
Required components:		500
		600
		30° <u>700</u> 30° 30°
		90* 90*
LED	XP-L2	
FWHM / FWTM	Asymmetric	
Efficiency	84 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		00
1		30 700 30
		20 15 ³ 15 ⁴ 15 ⁴
	DS	30° 13° 13° 30 30° 13° 30° 13° 30
	LUXEON 7070	30° <u>70</u> 13° 30°
		20 <u>20</u> <u>10</u> <u>10</u> <u>90</u>
LED	LUXEON 7070	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM	LUXEON 7070 Asymmetric	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency	LUXEON 7070 Asymmetric 84 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1	30 30 13* 30 30* 30* 30* 30* 30* 100 00* 00* 40* 200 00* 00* 40* 300 00* 00*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1 White NFMW48xA 57.0 + 148.0° / 108.0 + 160.0°	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 84 % 0.3 cd/lm 1 White NFMW48xA 57.0 + 148.0° / 108.0 + 160.0° % 0.5 cd/lm 8	
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OPTICAL RESULTS (SIMULATED):

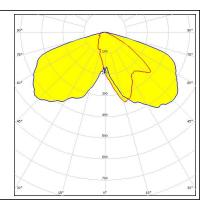
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ight colour White tequiled components: ED Duris S8 WMM / FWTM Asymmetric fficiency 86 % reak intensity 0.4 colfm EDs/each optic 1 ight colour White EDSPEM ED Duris S8 WMM / FWTM \$7.0 + 148.0° / 108.0 + 160.0° fficiency % REAM SUNG ED LM28xB Series WMM / FWTM Asymmetric fficiency 88 % reak intensity 0.8 colfm EDs/each optic 1 ight colour White ED LM28xB Series WMM / FWTM Asymmetric fficiency 88 % reak intensity 0.8 colfm EDs/each optic 1 ight colour White ED LM28xB Series WMM / EDS/EACH ACCOUNTS ED LM28xB Series WMM / EDS/each optic 1 ight colour White ED LM28xB Series WMM / EDS/each optic 1 ight colour White ED M28xB Series WMM / EDS/each optic 1 ight colour White ED M28xB Series WMM / EDS/each optic 1 ED M28xB Series WMM / EDS/each optic 1 ight colour White			
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	Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	% 0.5 cd/lm 8 White LM28xB Series Asymmetric 88 % 0.8 cd/lm	90° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
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	Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	% 0.5 cd/lm 8 White C LM28xB Series Asymmetric 88 % 0.8 cd/lm 1	
	Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	% 0.5 cd/lm 8 White C LM28xB Series Asymmetric 88 % 0.8 cd/lm 1	
50* 10 ⁵ 30* 31*	Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	% 0.5 cd/lm 8 White C LM28xB Series Asymmetric 88 % 0.8 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

SEOUL

seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL DC 5050 6V 58.0 + 146.0° / 114.0 + 155.0° % 0.6 cd/lm 1 White





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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