

# STRADA-IP-16MX-T3-M

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

## **SPECIFICATION:**

Dimensions	90.0 x 90.0 mm
Height	8.6 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



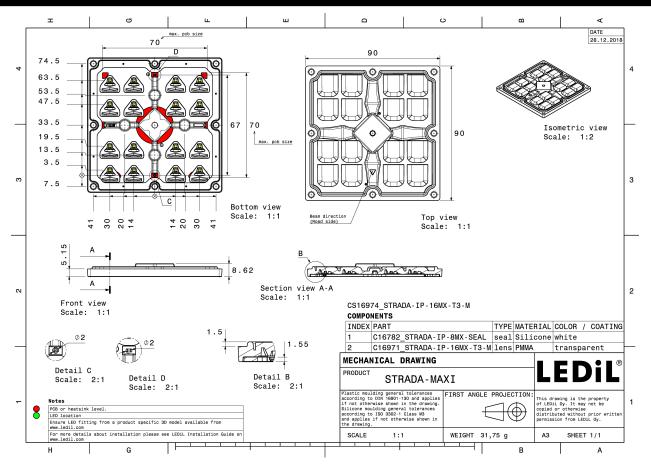
### **MATERIALS:**

Component	Туре	Material	Colour	Finish
STRADA-IP-16MX-T3-M	Multi-lens	PMMA	clear	
STRADA-IP-8MX-SEAL	Seal	Silicone	clear	

## **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16974_STRADA-IP-16MX-T3-M	Multi-lens	156	52	52	6.3
» Box size: 480 x 280 x 300 mm					





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



## **OPTICAL RESULTS (MEASURED):**

SAMSI	JNG	997
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM SC16 S1 (LH181B) Asymmetric 94 % 0.8 cd/lm 1 White	
SЛМS	UNG	
LED	HiLOM SC16 S2 (LH231B)	6
FWHM / FWTM	Asymmetric	75 20 78
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	a. a
Required compone	ents:	



## **OPTICAL RESULTS (SIMULATED):**

UMILEC	S	90* 90*
LED FWHM / FWTM	LUXEON HL2Z Asymmetric	700 700 700
Efficiency	93 %	
Peak intensity	0.6 cd/lm	504 200 504
LEDs/each optic	1	
Light colour	White	6° 6
Required components:		400
		500
		30* <u>12</u> ° <u>600</u> 12* 30*
<b>Μ</b> ΝΙCΗΙΛ		90 <sup>+</sup>
LED	NCSxE17A	E I
FWHM / FWTM	Asymmetric	75° 77°
Efficiency	88 %	
Peak intensity	0.6 cd/lm	.60 <sup>4</sup> 200
LEDs/each optic	1	300
Light colour	White	6°
Required components:		400
		X   X
		× 7 *** >
		30* 15 <sup>2</sup> 680 15* 30*
<b>Μ</b> ΝΙCΗΙΛ		
		90* 92*
LED FWHM / FWTM	NVSxE21A Asymmetric	75
Efficiency	89 %	
Peak intensity	0.6 cd/lm	604 200 601
LEDs/each optic	1	
Light colour	White	45' 30 45'
Required components:		$\times$
		50° 12° 0° 13° 30°
<b>Μ</b> ΝΙCΗΙΛ		200 20 <sup>1</sup> 22 <sup>1</sup> 22 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup>
	NVSxE21A	200 - 200 - 30° - 30°
LED	NVSxE21A Asymmetric	20 20 20 20 20 20 20 20 20 20 20 20 20 2
	NVSxE21A Asymmetric 85 %	
LED FWHM / FWTM	Asymmetric	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency	Asymmetric 85 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 85 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 85 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 85 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 85 % 0.6 cd/lm 1	



## **OPTICAL RESULTS (SIMULATED):**

SAMSUN	IG	THY EFT
LED	LH181B	90* 90'
FWHM / FWTM	Asymmetric	75° 75
Efficiency	91 %	
Peak intensity	0.5 cd/lm	604 200 604
LEDs/each optic	1	
Light colour	White	45*
Required components:		
····		$\times$
		500
		30.° 15 <sup>5</sup> 860 19° 30°
SAMSUN	IG	90* 90*
LED	LH231B	6
FWHM / FWTM	Asymmetric	73%
Efficiency	91 %	$X \times X / N \times K$
Peak intensity	0.5 cd/lm	50* <u>210</u> 50*
LEDs/each optic	1	
Light colour	White	45'
Required components:		400
		200
		30° 500 30°
SEOUL		12° 0° 12°
SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y19	2
FWHM / FWTM	Asymmetric	73°
Efficiency	90 %	
Peak intensity	0.7 cd/lm	$N \times / T N / T$
LEDs/each optic	1	X 300 X
Light colour	White	45* 45*
Required components:		
		560
		$\times$ $(\top ) \times$
		30* 800 30* 15 <sup>5</sup> 0 <sup>6</sup> 15* 30*
SEQUE		THY FFI
SEOUL SEMICONDUCTOR		90* 90*
	70//00	
	Z8Y22	750 750 755
FWHM / FWTM	Asymmetric	754 75
FWHM / FWTM Efficiency	Asymmetric 90 %	24
FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.6 cd/lm	20 00 20 20 60 60 60 60 60 60 60 60 60 6
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1	60° - 200 - 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm	60 60 60 60 60 60 60 60 60 60
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1	60 <sup>1</sup> - 20 - 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	60 <sup>1</sup> - 20 - 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	60° - 200 - 60



#### **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.

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