

# 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 LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	C LH181B Asymmetric 91 % 0.5 cd/lm 1 White	
SAMSUN LED	LH231B	22 <sup>3</sup> 00 23 <sup>3</sup>
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.5 cd/lm 1 White	637 200 657
Required components:	white	23° 15° 050 33° 33°
stout stemconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z8Y19 Asymmetric 90 % 0.7 cd/lm 1 White	
		500 30 <sup>10</sup> 120 <sup>10</sup> 000 30 <sup>10</sup> 30 <sup>10</sup>
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity	Z8Y22 Asymmetric 90 % 0.6 cd/lm	90° 720 80° 80° 80° 80° 80° 80° 80° 80° 80° 80
LEDs/each optic Light colour Required components:	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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

### LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

#### LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B **Casic Motor Building** Shenzhen 518057 P.R.CHINA

## Local sales and technical support www.ledil.com/ where\_to\_buy

**Shipping locations** Salo, Finland Hong Kong, China

#### **Distribution Partners** www.ledil.com/ where\_to\_buy

Last update: 13/02/2023 Subject to change without prior notice Published: 15/05/2019 LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.