

## STRADA-IP-16MX-VSM

**IESNA** Type V (square) beam for wide areas lighting such as car parks.

### **SPECIFICATION:**

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

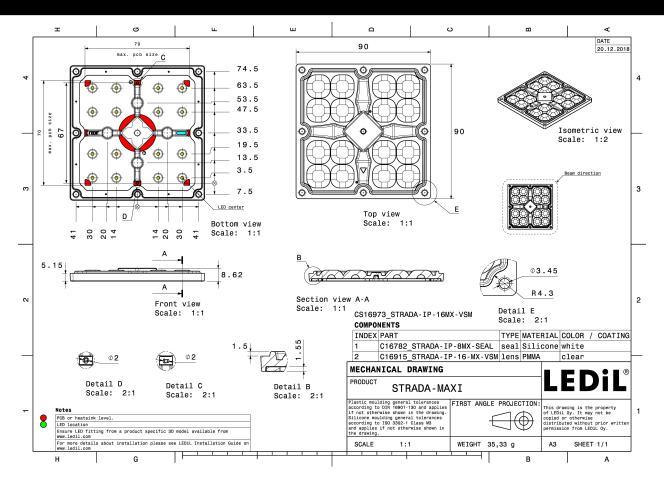


### MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
STRADA-IP-16MX-VSM	Multi-lens	PMMA	clear		
STRADA-IP-8MX-SEAL	Seal	Silicone	clear		

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS16973_STRADA-IP-16MX-VSM	156	52	52	6.9
» Box size: 480 x 280 x 300 mm				



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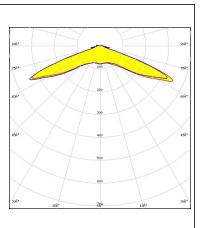
See also our general installation guide: www.ledil.com/installation\_guide



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

## **Μ**ΝΙCΗΙΛ

LED	NVSxE21A
FWHM / FWTM	140.0° / 162.0°
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required componen	ts:



Light distribution files

#### **SAMSUNG** LED HiLOM SC16 S1 (LH181B) FWHM / FWTM 142.0° / 162.0° Efficiency 93 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED HiLOM SC16 S2 (LH231B) FWHM / FWTM 142.0° / 160.0° Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



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

SEOUL SEMICONDUCTOR			100
LED	Z8Y19		75%* 500 75%*
FWHM / FWTM	139.0° / 165.0°		
Efficiency	89 %		200 GAR
Peak intensity	0.6 cd/lm		× / ×
LEDs/each optic	1		180
Light colour/type	White		400
Required compone	ents:		20 20 20 20 20 20 20 20 20 20 20 20 20 2
		Light distribution files	
SEOUL SEMICONDUCTOR		Light distribution files	the state of the s
SEOUL SEMICONDUCTOR	 Z8Y22	Light distribution files	944 954 100 754
SEOUL SEMICONDUCTOR	Z8Y22 140.0° / 164.0°	Light distribution files	
seoul semiconductor LED FWHM / FWTM		Light distribution files	90 <sup>4</sup> 70 <sup>4</sup> 70 <sup>4</sup> 50 <sup>4</sup> 50 <sup>4</sup> 50 <sup>4</sup> 50 <sup>4</sup> 60 <sup>4</sup>
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	140.0° / 164.0°	Light distribution files	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	140.0° / 164.0° 90 %	Light distribution files	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	140.0° / 164.0° 90 % 0.5 cd/lm 1 White	Light distribution files	200 668* 200 668*
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	140.0° / 164.0° 90 % 0.5 cd/lm 1 White	Light distribution files	200 668* 200 668*



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

	)5	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON HL2Z 146.0° / 166.0° 93 % 0.6 cd/lm 1 White	
		Light distribution files
	NCSxE17A	56 <sup>1</sup>
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	146.0° / 154.0° 86 % 0.5 cd/lm 1 White	
		Light distribution files
MICHIΛ		x#-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NVSxE21A 146.0° / 154.0° 87 % 0.5 cd/lm 1 White	
		Light distribution files



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

#### OSRAM Opto Semiconductors I FD OSCONIQ C 2424 FWHM / FWTM 148.0° / 156.0° Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG I FD I H181B 146.0° / 156.0° FWHM / FWTM Efficiency 89 % 0.5 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LH231B FWHM / FWTM 148.0° / 156.0° Efficiency 90 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



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

SEOUL SEMICONDUCTOR			984* 9
LED	Z8Y19		75%
FWHM / FWTM	146.0° / 167.0°		añ. 200 6
Efficiency	88 %		660 <sup>44</sup>
Peak intensity	0.6 cd/lm		× / ***
LEDs/each optic	1		
Light colour/type	White		400
Required component	5:		
			200
			308° 200
			100 000 100
		Light distribution files	
		Light distribution files	9di*
		Light distribution files	90 <sup>4</sup>
SEOUL SEMICONDUCTOR	 	Light distribution files	
SEOUL SEMICONDUCTOR	Z8Y22P 154.0° / 175.0°	Light distribution files	751
seoul semiconductor LED FWHM / FWTM		Light distribution files	
seoul semiconductor LED FWHM / FWTM Efficiency	154.0° / 175.0°	Light distribution files	781-
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	154.0° / 175.0° 89 %	Light distribution files	781-
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	154.0° / 175.0° 89 % 0.4 cd/lm	Light distribution files	700
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required component:	154.0° / 175.0° 89 % 0.4 cd/lm 1 White	Light distribution files	700
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	154.0° / 175.0° 89 % 0.4 cd/lm 1 White	Light distribution files	700
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	154.0° / 175.0° 89 % 0.4 cd/lm 1 White	Light distribution files	50° 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.

#### **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:

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#### 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

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