

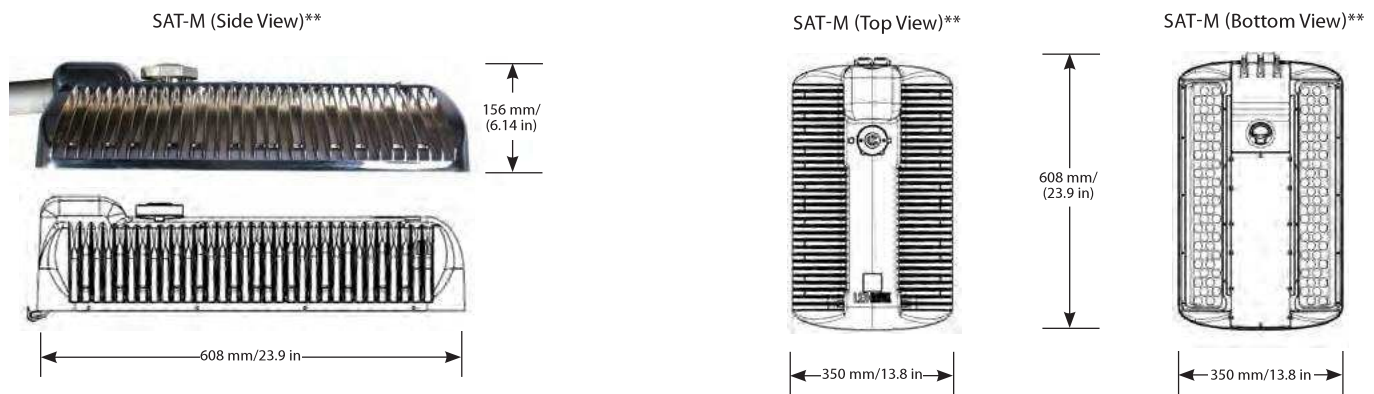
Technical Specifications: Satellite™ Series LED Roadway Luminaire (SAT-72M & SAT-96M)

Electrical	SAT-72M (72 LEDs)					SAT-96M (96 LEDs)				
Available Drive Currents (mA)	280 mA	350 mA	450 mA	525 mA	600 mA	280 mA	350 mA	450 mA	525 mA	600 mA
Power Consumption* (W)	65 W	83 W	107 W	131 W	150 W	86 W	110 W	143 W	175 W	200 W
Input Voltage (V)	Universal Driver 120 - 240V AC, 50 Hz or 60 Hz; 277V, 347V, 480V, and 12 - 24V DC drivers available upon request.									

Optics & Performance	SAT-72M (72 LEDs)					SAT-96M (96 LEDs)				
Distribution Pattern	Type II, Type II Medium, Type II Wide, Type III, European Wide, European Narrow, European Long									
Color Temperature (CCT)	Standard 5000K (Other colors available upon request).									
Color Rendering Index (CRI)	70 (+/-5%)									
Drive Currents (mA)	280 mA	350 mA	450 mA	525 mA	600 mA	280 mA	350 mA	450 mA	525 mA	600 mA
LM-79 Fixture Efficacy (Type II)*	97 Lm/W	93 Lm/W	87 Lm/W	84 Lm/W	80 Lm/W	96 Lm/W	92 Lm/W	86 Lm/W	81 Lm/W	78 Lm/W
Fixture Output (Type II)*	6,200 Lm	7,500 Lm	9,300 Lm	10,800 Lm	11,800 Lm	8,250 Lm	10,000 Lm	12,250 Lm	14,100 Lm	15,500 Lm
LED L70 @ 350mA	> 100,000 hours									
Lens Material	Acrylic									

Mechanical & Operating	SAT-72M (72 LEDs)	SAT-96M (96 LEDs)
Housing	Single piece, die-cast aluminum	
Operating Temperature Range	-40°C to +60°C (-40°F to +140°F)	
Mounting	42 - 60 mm (1.625 in - 2.375 in) O.D. Tenons	
Weight	11.4 kg (25 lb)	
Width (maximum)	350 mm (13.8 in)	
Length (maximum)	608 mm (23.9 in)	
Height (maximum)	156 mm (6.14 in)	
EPA Rating	0.065 m ² (0.699 sq ft ²)	
Finish	Standard Painted Finish. E-coat primer with durable polyester powdercoat topcoat.	

Photocell	SAT-72M (72 LEDs)	SAT-96M (96 LEDs)
Photocell Receptacle	NEMA Twist-lock	
Photocell Options	20-yr design life option available	



* Values shown are nominal values and are subject to +/-5% tolerance **SAT-96M illustrated All information provided is subject to change without notice.