

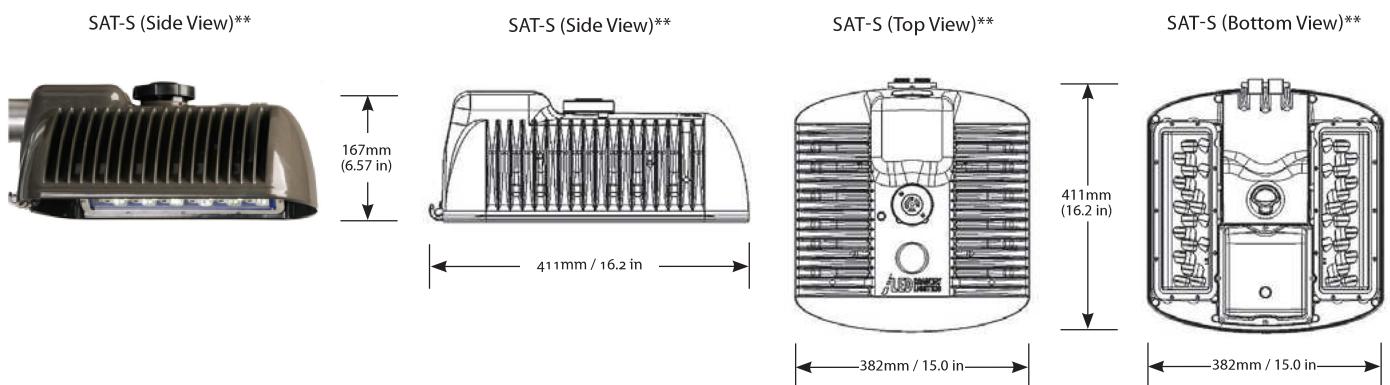
Technical Specifications: Satellite™ Series LED Roadway Luminaire (SAT-24S & SAT-48S)

Electrical	SAT-24S (24 LEDs)					SAT-48S (48 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)	22 W	28 W	36 W	44 W	50 W	43 W	55 W	72 W	88 W	100 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-24S (24 LEDs)					SAT-48S (48 LEDs)				
Distribution Pattern	Type II, Type II Medium, Type II Wide, Type III, ANZ, European Wide, European Narrow									
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)*	102 Lm/W	96 Lm/W	93 Lm/W	90 Lm/W	86 Lm/W	99 Lm/W	95 Lm/W	93 Lm/W	88 Lm/W	84 Lm/W
Fixture Output (Type II)*	2,150 Lm	2,550 Lm	3,200 Lm	3,750 Lm	4,150 Lm	4,200 Lm	5,100 Lm	6,550 Lm	7,600 Lm	8,400 Lm
LED L70 @ 350mA	> 100,000 hours									
Lens Material	Acrylic									

Mechanical & Operating	SAT-24S (24 LEDs)	SAT-48S (48 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	8.2 kg (18 lb)	
Width (maximum)	382 mm (15.0 in)	
Length (maximum)	411 mm (16.2 in)	
Height (maximum)	167 mm (6.57 in)	
EPA Rating	< 0.047 m ² (<0.509 sq ft ²)	
Finish	Standard Painted Finish. E-coat primer with durable polyester powdercoat topcoat.	

Photocell	SAT-24S (24 LEDs)	SAT-48S (48 LEDs)
Photocell Receptacle	NEMA Twist-lock	
Photocell Options	20-yr design life photocell option available	



* Values shown are nominal values and are subject to +/-5% tolerance **SAT-48S illustrated All information provided is subject to change without notice.