

SOFRALED

leading the LED technology wave

Technical Specifications: Satellite Series LED Roadway Luminaire SAT-24M (24 LEDs)

Electrical

Available Driver Currents*	280mA	350mA	450mA	525mA	600mA
Power Consumption	22W	28W	37W	44W	50W

Input Voltage: Universal Driver 120 to 277 VAC, 50Hz or 60Hz; 347V and 480V drivers available upon request.

* Customer specified drive currents from 280 to 700 mA available upon request.

Fixture

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	0.093m ³	1.0 sq ft

Cover Lens	Acrylic (optional Polycarbonate)
Housing	Single piece, die-cast aluminum

Finish

Standard	Aluminum
Optional	Specific colors with powder coated finish available upon request.

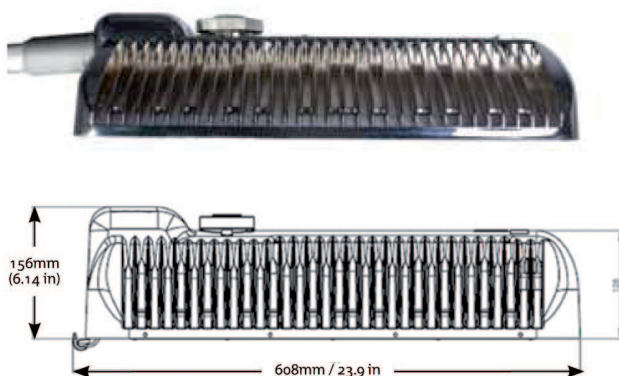


Figure 1 – Luminaire side profile*

* SAT-96M illustrated

Performance / Photometrics

Available Driver Currents*	280mA	350mA	450mA	525mA	600mA
Fixture Efficacy	81 Lm/W	75 Lm/W	67 Lm/W	61 Lm/W	57 Lm/W
Fixture Output	1,782 Lm	2,100 Lm	2,479 Lm	2,684 Lm	2,850 Lm
LED L70 @350mA	88,000 hours (20 yrs@12 hrs/day)				
LRL Exclusive Driver	88,000 hours (20 yrs@12 hrs/day)				
Distribution	IES Type II, IES Type III				
Color (CCT)	5,000 K				
	Other colors available upon request.				

Operating Conditions

Temperature (ambient)	-40°C to +60°C	-40°F to +140°F
-----------------------	----------------	-----------------

Photocell Options

Photocell Receptacle with shorting cap
Photocell – 20 yr design life option available
No Photocell Receptacle – solid casting

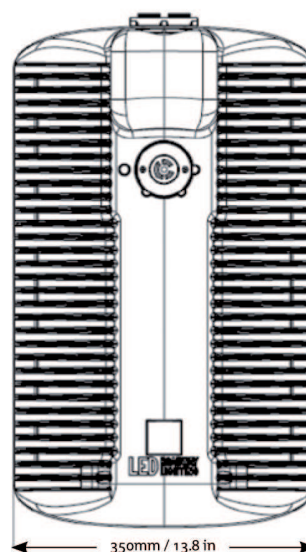


Figure 2 – Luminaire top*

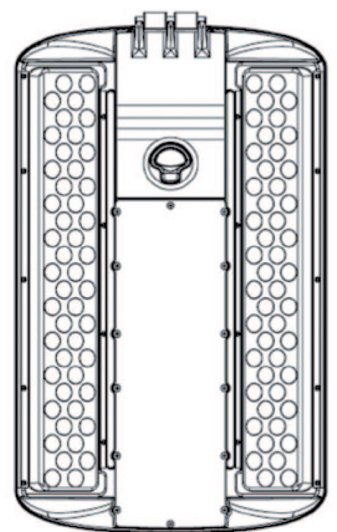


Figure 3 – Luminaire bottom*

SOFRALED

3, bis rue de l'Angoumois 95100 ARGENTEUIL - 518 878 608 RCS PONTOISE - Tel: + 33 1 77 66 60 98 - E-mail: contact@sofraled.com