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Catalog Number	
Project	Type



High Lumen Output Scimitar LED Area Light LSMT SERIES



FEATURES & SPECIFICATIONS

APPLICATION — The high lumen output luminaire is designed to be a replacement for HID fixtures up to 1000W. It is optimal for lighting applications where long life, low maintenance, and consistent color rendering is required. Areas with limited accessibility due to fixture location or where heavy pedestrian or vehicle traffic makes maintenance difficult are ideal applications. The high wattage/lumen output allows the fixture to be used for parking, restaurant, quick service, shopping centers or sports lighting applications.

CONSTRUCTION — The heavy duty housing is constructed of cast aluminum with heat dissipating fins. The optical assemblies are sealed in place using a silicone gasket for weather tight protection. Modular LED system for ease of maintenance. ETL listed for wet locations (IP64). Additional IP66 rating available upon request. Each fixture comes standard with preps to accommodate advanced wireless control, management and reporting systems for outdoor lighting.

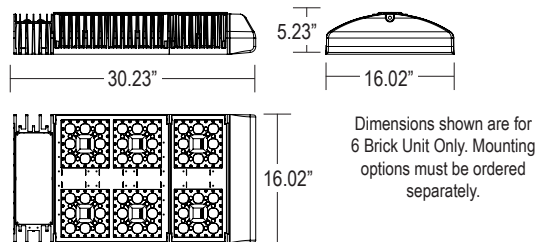
FINISH — A corrosion-resistant black E-Coat layer that forms a uniform and all-encompassing protective barrier is applied to the fixtures prior to electrostatically applying a super durable powder coat finish. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.

OPTICAL SYSTEM — Made with a state of the art UV stabilized acrylic high performance refractive optical assemblies that use high transmissivity materials to achieve precise photometric distributions. Available in Type II, III, IV, IV Automotive, Automotive Frontline Wide, IV Tennis, V Narrow, V Medium and V Wide beam configurations. Optics may be ordered rotated 90 degrees for perimeter lighting or walkway applications (optics are not field rotatable). The full cutoff fixture is Star Light Friendly (meets or exceeds Dark Sky requirements) in the horizontal position.

ELECTRICAL SYSTEM — Available in up to a 8 brick LED system in 5000K-70 CRI Cool White (+/- 500K) or 4100K-70 CRI Neutral White color temperatures propagated with Cree® XLamp XHP70 LED's. Consult factory for high CRI (90+) model availability. Available with 100-300V 50/60 Hz Class II power supply. LED's rated for over 50,000 hours at 25°C ambient temperature. 347V~480V input option available. 0-10V dimming. Built-in surge protection up to 10 kV. Built-in Active PFC Function >95%/Full load. LED Power Supply conforms to UL8750 standards and is IP65 rated for wet locations.

MOUNTING — The fixture was designed to utilize an innovative die cast decorative arm that allows the fixture to easily mount to almost any existing bolt pattern or new pole. Additional mounting options include a quick mount with 8" straight arm (for use on fixtures with no more than 4 LED bricks) and a 2" adjustable slip fitter for tenon mounting (for use as a downlight only). Additional mounting options may be available for custom applications.

LISTINGS — LED Power Supply listed for wet locations (IP65). LED bricks ETL listed for wet locations (IP64). Meets US and Canadian safety standards. -40°C to 50°C ambient operation. RoHS Compliant.



Series	Housing Height	Length & Width	EPA (ft ²)
LSMT	5.23"	37.23" x 16.02"	1.4

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **LSMT8X6T5WH1-BZ**

LSMT									
Series	# of Bricks	Color Temp		# LED's per Brick	Optics	Drive Current	Voltage	Options	Finish
LSMT	1 1 Brick 2 2 Brick 4 4 Brick 6 6 Brick	C Cool White (5000K) N Neutral White (4100K)		X 8 XHP70 LEDs	T2 Type II T3 Type III T4 Type IV T4A Type IV Automotive FAW Frontline Automotive Wide T4T Type IV Tennis T5N Type V Narrow T5M Type V Medium T5W Type V Wide	F 1400 mA	1 Multi-Volt ¹ 2 347~480V	L Left Rotated Optics R Right Rotated Optics (Leave Blank for standard optics)	BZ Bronze BR Black GR US Green WH White SP Special ²

NOTES

- Multi-Volt is an auto ranging power supply from 100V to 300V input.
- Custom RAL color matching is available. Contact your sales representative for additional information.
- QMSCM Quick Mount only available for fixtures with up to 4 bricks.
- Order one per LED brick. Field installed.
- Photocell Receptacle must be installed at the factory. No field installation.
- Additional IP66 rating may not be changed once production has begun on the fixtures.

Accessories (Order as separate line items)

SDARM	Die Cast Decorative Arm Mount (Square Pole, 1.4 EPA)	PCR7⁵	7-Pin Twist-Lock Photocell Receptacle ANSI C136.41 and Receptacle Shorting Cap
SDARM-R	Die Cast Decorative Arm Mount (Round Pole, 1.4 EPA)	PC2	480V Twist-Lock Photocell
QMSCM³	Quick Mount with 8" SSA-M Straight Arm (4 Brick Max)	PC6	Multi-Tap (105-285V) Twist-Lock Photocell
2AF	2" Adjustable Slip Fitter	IP66⁶	Additional IP66 Fixture Rating
S213⁴	Angled Back Light Shield		