

# SCIMITAR SERIES

High Lumen Output LED Tennis Court Light

## SPECIFICATIONS

**APPLICATION** The high lumen output luminaire is designed to be a replacement for HID fixtures up to 1000W. It is optimal for tennis lighting applications where long life, low maintenance, and consistent color rendering is required. The high wattage/lumen output makes this fixture perfect for 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. Although available in Type IV Tennis, 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 6 brick LED system in 5000K-70 CRI Cool White (+/-500K), 4000K-70 CRI Neutral White or 3000K-70 CRI 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** Standard mounting options include single, twin 70° and 180°, quad 70° and 90° Davit and 7° Up Tilt Straight Arms. 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.



CENTER COURT  
LIGHTING



4 Brick LSMT  
BK



2 Brick LSMT  
WH

1 Brick Module | Approx. Weight- 24 lbs.  
2 Brick Module | Approx. Weight- 24 lbs.  
4 Brick Module | Approx. Weight- 35 lbs.  
6 Brick Module | Approx. Weight- 49 lbs.



## ORDERING INFORMATION

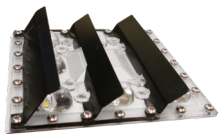
EXAMPLE: LSMT-6-C-X-T4T-F-1-BK -BTEC

LSMT	6	C	X	T4T	F	1	BK	BTEC
SERIES	# OF BRICKS	COLOR TEMP	# LEDs PER BRICKS	OPTICS	DRIVE CURRENT	VOLTAGE	FINISH	Option
	1 1 Brick	C Cool White (5000K)	X 8 XHP70 LEDs	T4T Type IV Tennis	F 1400 mA	1 Multi-Volt <sup>1</sup>	BK Black	BTEC Integrated Bluetooth
	2 2 Brick	N Neutral White (4000K)		T4 Type IV		2 347~480V	BZ Bronze	Control Module Casambi
	4 4 Brick	W Warm White (3000K)		T5N Type V Narrow			GR US Green	Ready Mesh Network
	6 6 Brick						WH White	
							SP Special <sup>2</sup>	

## ACCESSORIES/OPTIONS

### S213

Angled Back Light Shield



### PC2

480V Twist-Lock Photocell



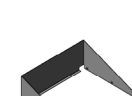
### PC6

Multi-Tap (105-285V) Twist-Lock Photocell



### S240

Three Sided Visor Shield



### S241

Three Sided Full Shield



### STGA7L3

Wi-Fi Ready Tablet / Gateway Samsung Tab A7 Lite



### CER100\*

Wireless Repeater



### BTEC\*

Integrated Bluetooth Control Module Casambi Ready Mesh Network



### PCR7

7-Pin Twist-Lock Photocell Receptacle ANSI C136.41 and Receptacle Shorting Cap



## MOUNTING ACCESSORIES

### DAVIT ARMS



Single Davit Arm  
**DV190**  
EPA: 0.9 51 lbs.



Double Davit Arm at 180°  
**DV2180**  
EPA: 1.4 83 lbs.



Double Davit Arm at 70°  
**DV270**  
EPA: 1.1 83 lbs.

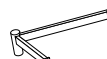


Quad Davit Arm at 70°  
**DV470**  
Quad Davit Arm at 90°  
**DV490**  
EPA: 1.6 145 lbs.

### CCS 7° TILT ARMS



Single Straight Arm with 7° Up Tilt  
**CCSVSA7-190**  
EPA: 1.8 29 lbs.



Double Straight Arm at 70° with 7° Up Tilt  
**CCSVSA7-270**  
EPA: 2.8 49 lbs.



Double Straight Arm at 180° with 7° Up Tilt  
**CCSVSA7-2180**  
EPA: 3.4 49 lbs.



Quad Straight Arm at 70° with 7° Up Tilt  
**CCSVSA7-470**  
Quad Straight Arm at 90° with 7° Up Tilt  
**CCSVSA7-490**  
EPA: 3.75 89 lbs.

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## LUMINAIRE STATS

[1400 mA Drive Current]

# of LED Bricks	Drive Current	Color Temp	Delivered Lumens			System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE IV	TYPE 4T	TYPE 5N			120V	208V	240V	277V	347V	480V
1 BRICK	1400 mA	Cool White (5000K)	17391 B3 U0 G3	16343 B3 U0 G1	18165 B5 U0 G1	140	>50K	1.17 A	0.68 A	0.59 A	0.51 A	0.41 A	0.30 A
2 BRICK	1400 mA	Cool White (5000K)	34783 B4 U0 G4	32686 B4 U0 G2	36331 B5 U0 G2	280	>50K	2.34 A	1.35 A	1.17 A	1.02 A	0.81 A	0.59 A
4 BRICK	1400 mA	Cool White (5000K)	69566 B5 U0 G5	65372 B5 U0 G3	72661 B5 U0 G3	560	>50K	4.67 A	2.70 A	2.34 A	2.03 A	1.62 A	1.17 A
6 BRICK	1400 mA	Cool White (5000K)	104349 B5 U0 G5	98058 B5 U0 G4	108992 B5 U0 G4	840	>50K	7.00 A	4.04 A	3.50 A	3.04 A	2.43 A	1.75 A
1 BRICK	1400 mA	Neutral White (4100K)	16723 B3 U0 G3	15715 B3 U0 G1	18165 B5 U0 G1	140	>50K	1.17 A	0.68 A	0.59 A	0.51 A	0.41 A	0.30 A
2 BRICK	1400 mA	Neutral White (4100K)	33445 B4 U0 G4	31429 B4 U0 G2	34933 B5 U0 G2	280	>50K	2.34 A	1.35 A	1.17 A	1.02 A	0.81 A	0.59 A
4 BRICK	1400 mA	Neutral White (4100K)	66890 B5 U0 G5	62858 B5 U0 G3	69867 B5 U0 G3	560	>50K	4.67 A	2.70 A	2.34 A	2.03 A	1.62 A	1.17 A
6 BRICK	1400 mA	Neutral White (4100K)	100335 B5 U0 G5	94287 B5 U0 G4	104800 B5 U0 G4	840	>50K	7.00 A	4.04 A	3.50 A	3.04 A	2.43 A	1.75 A
1 BRICK	1400 mA	Warm White (3000K)	15553 B3 U0 G3	14615 B3 U0 G1	16894 B5 U0 G1	140	>50K	1.17 A	0.68 A	0.59 A	0.51 A	0.41 A	0.30 A
2 BRICK	1400 mA	Warm White (3000K)	31104 B4 U0 G4	29229 B4 U0 G2	32488 B5 U0 G2	280	>50K	2.34 A	1.35 A	1.17 A	1.02 A	0.81 A	0.59 A
4 BRICK	1400 mA	Warm White (3000K)	62208 B5 U0 G5	58458 B5 U0 G3	64977 B5 U0 G3	560	>50K	4.67 A	2.70 A	2.34 A	2.03 A	1.62 A	1.17 A
6 BRICK	1400 mA	Warm White (3000K)	93312 B5 U0 G5	87687 B5 U0 G4	97464 B5 U0 G4	840	>50K	7.00 A	4.04 A	3.50 A	3.04 A	2.43 A	1.75 A

## EPA's (ft.<sup>2</sup>)

Fixture Configuration	1 or 2 Brick EPA's		4 Brick EPA's		6 Brick EPA's	
	DV Arm	CCS7 Arm	DV Arm	CCS7 Arm	DV Arm	CCS7 Arm
1 @ 90°	1.5	2.5	1.8	2.8	2.1	3.1
2 @ 180°	2.7	4.7	3.3	5.3	3.5	8.4
2 @ 90°	2.3	3.8	2.6	4.1	2.9	4.4
3 @ 90°	3.4	5.4	4	6.1	4.7	6.7
4 @ 90° or 4 @ 70°	4.1	6.1	4.7	6.7	5.3	7.3

EPA's shown include both the fixture and the mounting apparatus

## NOTES

**1** = Multi-Volt is an auto ranging power supply from 100V to 300V input.

**2** = Custom RAL color matching is available. Contact your sales representative for additional info.

**3** = Enables remote access using the Gateway and Sites functionality in the Casambi App. Automatically restores network control settings and provides automatic time back up for the mesh network.

**4** = For extended range greater than 100ft between BT Mesh Network connections.

**5** = Control Modules are installed and luminaires are commissioned at the factory. Lighting control system via the Casambi app for Apple iOS and Android devices provides diverse functionality for a control hierarchy capable of managing multiple schedules and scenes and incorporating a variety of energy saving accessories.

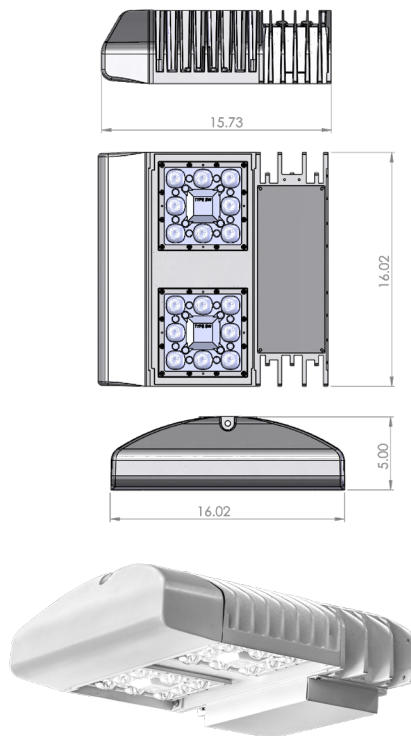
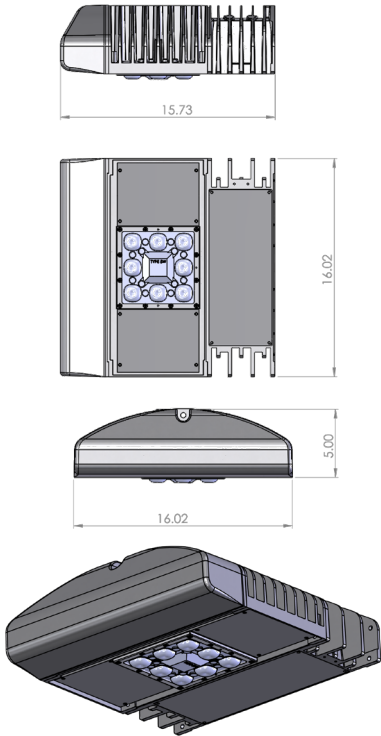
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## DIMENSIONS

1 Brick

2 Brick



4 Brick

6 Brick

