



# SCIMITAR SERIES

## LED TENNIS LUMINAIRE

SAVE OVER 50% ON YOUR  
ELECTRICITY BILL

### 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. The high lumen output and superior color rendering makes the SCIMITAR ideal for all sports lighting applications.

### CONSTRUCTION

The heavy duty housing is constructed of cast aluminum. 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.

### 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 with specialized tennis court optics. Star Light Friendly (meets or exceeds Dark Sky requirements) in the horizontal position.

Complete ordering information and specification sheets can be found at [www.techlight.com](http://www.techlight.com).



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INNOVATION IN ILLUMINATION



## 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: **LSMT 6 C X T4T F 1 BZ**

### SERIES

**LSMT** Scimitar High Lumen Output LED Area Light

### NUMBER OF LED BRICKS

**1** 1 Brick **4** 4 Bricks  
**2** 2 Bricks **6** 6 Bricks  
(See performance data for Delivered Lumens)

### COLOR TEMPERATURE

**C** Cool White 5000K  
**N** Neutral White 4100K

### NUMBER OF LED'S PER BRICK

**X** 6 XHP70 LEDs

### OPTICS

**T4** Type IV  
**T4T** Type IV Tennis  
**T5W** Type V Wide

### DRIVE CURRENT

**F** 1400mA Drive Current

### VOLTAGE

**1** Multi-Volt (100~300v input)  
**2** 347~480V

### FINISH

**BK** Black  
**BZ** Bronze  
**GR** US Green  
**WH** White  
**SP** Special

## COURT PERFORMANCE DATA

COURT SETUP	4 FIXTURES 6 BRICK	4 FIXTURES 6 BRICK	6 FIXTURES 4 BRICK	6 FIXTURES 6 BRICK
AVERAGE Fc	41.58	48.80	60.08	87.22
MAX/MIN RATIO	1.31	1.25	1.53	1.51
SYSTEM WATTAGE	3414 W	4552 W	5690 W	6828 W



### ACCESSORIES (Ordered Separately)

**LDV190** Single Davit Arm  
**LDV2180** Double Davit Arm at 180°  
**LDV270** Double Davit Arm at 70°  
**LDV470** Quad Davit Arm at 70°  
**LDV490** Quad Davit Arm at 90°  
**S213** Angled Back Light Shield  
**PCR7** 7-Pin Twist-Lock Photocell Receptacle ANSI C136.41 and Receptacle Shorting Cap  
**PC2** 480V Twist-Lock Photocell  
**PC6** Multi-Tap (105-285V) Twist-Lock Photocell  
**IP66** Additional IP66 Fixture Rating

## PERFORMANCE DATA

1400 mA Drive Current

# of LED Bricks	Drive Current	Color Temp	Delivered Lumens	System Wattage	L70 @ 25°C	Amperage Draw			
			TYPE 4T			120V	208V	240V	277V
1 BRICK	1400 mA	Cool White (5000K)	16343	140	>50K	1.17 A	0.68 A	0.59 A	0.51 A
			B3 U0 G1						
2 BRICK	1400 mA	Cool White (5000K)	32686	280	>50K	2.34 A	1.35A	1.17 A	1.02 A
			B4 U0 G2						
4 BRICK	1400 mA	Cool White (5000K)	65372	560	>50K	4.67 A	2.70 A	2.34 A	2.03 A
			B5 U0 G3						
6 BRICK	1400 mA	Cool White (5000K)	98058	840	>50K	7.00 A	4.04 A	3.50 A	3.04 A
			B5 U0 G4						
1 BRICK	1400 mA	Neutral White (4000K)	15715	140	>40K	1.17 A	0.68 A	0.59 A	0.51 A
			B3 U0 G1						
2 BRICK	1400 mA	Neutral White (4000K)	31429	280	>40K	2.34 A	1.35 A	1.17 A	1.02 A
			B4 U0 G2						
4 BRICK	1400 mA	Neutral White (4000K)	62858	560	>40K	4.67 A	2.70 A	2.34 A	2.03 A
			B5 U0 G3						
6 BRICK	1400 mA	Neutral White (4000K)	94287	840	>40K	7.00 A	4.04 A	3.50 A	3.04 A
			B5 U0 G4						

