



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.techlightusa.com.



TECHLIGHT
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 8 C 8 T5W F 1 -BZ**

LSMT Scimitar High Lumen Output LED Area Light

NUMBER OF LED BRICKS

4 4 Bricks
6 6 Bricks
8 8 Bricks

(See performance data for Delivered Lumens)

COLOR TEMPERATURE

C Cool White 5000K
E 90 CRI Cool White 5000K
N Neutral White 4100K

NUMBER OF LED'S PER BRICK

8 8 LED

OPTICS

T2 Type II
T3 Type III
T4A Type IV Automotive
T4T Type IV Tennis
T5N Type V Narrow
T5M Type V Medium
T5W Type V Wide

DRIVE CURRENT

F 1400mA Drive Current
H 2100mA Drive Current

VOLTAGE

1 Multi-Volt (Auto Ranging 90V~300V)
2 480V
3 347V

FINISH

BK Black
BZ Bronze
GR US Green
WH White
SP Special

ACCESSORIES (Ordered Separately)

3AF Adjustable Knuckle Fitter
DV190 Single Davit Arm
DV2180 Double Davit Arm at 180°
DV270 Double Davit Arm at 70°
DV470 Quad Davit Arm at 70°
DV490 Quad Davit Arm at 90°
CCS7-190 Single Straight Arm with 7° Up Tilt
CCS7-270 Double Straight Arm at 70° with 7° Up Tilt
CCS7-2180 Double Straight Arm at 180° with 7° Up Tilt
CCS7-470 Quad Straight Arm at 70° with 7° Up Tilt
CCS7-490 Quad Straight Arm at 90° with 7° Up Tilt



COURT PERFORMANCE DATA

COURT SETUP	6 FIXTURE	8 FIXTURE	10 FIXTURE	16 FIXTURE
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
SAVINGS OVER 1000W MH (%)	47%	47%	47%	47%
SAVINGS OVER 1000W MH (W)	3096 W	4128 W	5160 W	6192 W

FIXTURE PERFORMANCE DATA

1400mA
COOL WHITE

# of LED Bricks	4 BRICK	6 BRICK	8 BRICK
Color Temp	CW	CW	CW
DELIVERED LUMENS			
TYPE IV TENNIS	30257	45443	60628
SYSTEM INFORMATION			
System Wattage	283W	427W	569W
L70 @ 25°C	>50K	>50K	>50K

2100mA
COOL WHITE

# of LED Bricks	4 BRICK	6 BRICK	8 BRICK
Color Temp	CW	CW	CW
DELIVERED LUMENS			
TYPE IV TENNIS	39637	59530	79423
SYSTEM INFORMATION			
System Wattage	426W	638W	851W
L70 @ 25°C	>50K	>50K	>50K

