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 transmicity 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.
### 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 Brick 4 Bricks
- 2 Bricks 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**

<table>
<thead>
<tr>
<th>COURT SETUP</th>
<th>4 FIXTURES 6 BRICK</th>
<th>4 FIXTURES 6 BRICK</th>
<th>6 FIXTURES 4 BRICK</th>
<th>6 FIXTURES 6 BRICK</th>
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<tbody>
<tr>
<td><strong>AVERAGE Fc</strong></td>
<td>41.58</td>
<td>48.80</td>
<td>60.08</td>
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<tr>
<td><strong>MAX/MIN RATIO</strong></td>
<td>1.31</td>
<td>1.25</td>
<td>1.53</td>
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<tr>
<td><strong>SYSTEM WATTAGE</strong></td>
<td>3414W</td>
<td>4552W</td>
<td>5690W</td>
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**PERFORMANCE DATA**

<table>
<thead>
<tr>
<th># of LED Bricks</th>
<th>Drive Current</th>
<th>Color Temp</th>
<th>Delivered Lumens</th>
<th>System Wattage</th>
<th>L70 @ 25°C</th>
<th>Amperage Draw</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1 BRICK</strong></td>
<td>1400 mA</td>
<td>Cool White (5000K)</td>
<td>16343 140 &gt;50K</td>
<td>1.17 A 0.68 A 0.59 A 0.51 A</td>
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<tr>
<td><strong>2 BRICK</strong></td>
<td>1400 mA</td>
<td>Cool White (5000K)</td>
<td>32686 280 &gt;50K</td>
<td>2.34 A 1.35 A 1.17 A 1.02 A</td>
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<tr>
<td><strong>4 BRICK</strong></td>
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<td>Cool White (5000K)</td>
<td>65372 560 &gt;50K</td>
<td>4.67 A 2.70 A 2.34 A 2.03 A</td>
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</tr>
<tr>
<td><strong>6 BRICK</strong></td>
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<td>Cool White (5000K)</td>
<td>98058 840 &gt;50K</td>
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**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

**1400 mA Drive Current**

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<tbody>
<tr>
<td><strong>1 BRICK</strong></td>
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