Sporting venues require exceptional lighting for ideal visibility by players and fans alike. Available in mounting heights up to 90 feet, Shakespeare TUFF-POLE® structures are ideal for sports fields, ballparks, hike and bike trails, and other outdoor recreational facilities.

These rugged, durable composite poles are a result of decades of development and refinement of fiberglass-construction processes and technology. The product manufacturing process and robust engineering ensures these proven performers provide a long service life.

Product Performance

Triple UV Protection - 3 Layers for extra-long life in the sun

Shakespeare takes a systematic approach to UV protection, and formulates UV inhibitors into the liquid resin mixture from the beginning of the production process. The outer shell of the pole then is covered with a tightly woven polyester veil that is saturated with a UV-inhibitor. This veil provides a resin-rich surface than controls blooming. In post-production, the finished product receives an exterior coating of our high-performance, UV-protective urethane finish.

Product performance is verified by extensive accelerated testing which demonstrates Shakespeare poles can easily handle what nature dishes out for decades.
TUFF-POLE Sports Lighting Structures
A Winning Tradition

Engineering and crafting fiberglass-reinforced structures for more than 5 decades, Shakespeare is a champion of composite light poles. Choose from a superb selection of standard sports-lighting poles or connect with our technical team to create a one-of-a-kind custom composite structure.
Sports Lighting Poles Series
by EPA and Wind Zone Requirements

Maximum height is 90’ unless otherwise stated. EPA is in square feet.

### Options
- **Color**
  - 1 = Black
  - 2 = Grey
  - 5 = Dark Bronze
- **Mounting Height**
  - SL 70 N 2Q (See Series Key Chart)
- **Optional Steps**
  - S = Yes
  - Optional Steps begin 6’ from the ground line and stop 4’ from the top, spaced 18” apart.

### Without Handhole

<table>
<thead>
<tr>
<th>Mounting Height</th>
<th>Series</th>
<th>Color</th>
<th>Optional Steps</th>
<th>EPA Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>50’ - 90’</td>
<td>2C</td>
<td>1</td>
<td>Yes</td>
<td>20 EPA</td>
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<tr>
<td>50’ - 90’</td>
<td>2E</td>
<td>2</td>
<td>Yes</td>
<td>30 EPA</td>
</tr>
<tr>
<td>60’ - 90’</td>
<td>2G</td>
<td>3</td>
<td>Yes</td>
<td>40 EPA</td>
</tr>
<tr>
<td>60’ - 90’</td>
<td>2L</td>
<td>5</td>
<td>Yes</td>
<td>50 EPA</td>
</tr>
<tr>
<td>70’ - 90’</td>
<td>2N</td>
<td>6</td>
<td>Yes</td>
<td>60 EPA</td>
</tr>
<tr>
<td>80’ - 90’</td>
<td>2Q</td>
<td>7</td>
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<td>70 EPA</td>
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<tr>
<td>90’ - 90’</td>
<td>3C</td>
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<td>80 EPA</td>
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<tr>
<td>90’ - 90’</td>
<td>3E</td>
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<td>90 EPA</td>
</tr>
<tr>
<td>90’ - 90’</td>
<td>3G</td>
<td>3</td>
<td>Yes</td>
<td>100 EPA</td>
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<tr>
<td>90’ - 90’</td>
<td>3J</td>
<td>5</td>
<td>Yes</td>
<td>110 EPA</td>
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<tr>
<td>90’ - 90’</td>
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<td>Yes</td>
<td>120 EPA</td>
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<tr>
<td>90’ - 90’</td>
<td>3N</td>
<td>7</td>
<td>Yes</td>
<td>130 EPA</td>
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</table>

### Key to Series Nomenclature

#### Wind Zones
- 2 = 90 MPH
- 3 = 100 MPH
- 4 = 110 MPH
- 5 = 120 MPH
- 6 = OTHER

#### EPA Ratings
- C = 20 EPA
- D = 30 EPA
- G = 40 EPA
- J = 50 EPA
- L = 60 EPA
- N = 70 EPA
- Q = 80 EPA
- R = 90 EPA
- T = 100 EPA
- V = 110 EPA
- X = 120 EPA

### Contact Factory for Wind Zones Above 130 MPH
Sports Lighting Cross Arm Order Logic

Sports Lighting Cross Arms

<table>
<thead>
<tr>
<th>Series</th>
<th>Length</th>
<th>Fixtures*</th>
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<tbody>
<tr>
<td>2I</td>
<td>2'</td>
<td>1</td>
</tr>
<tr>
<td>4I</td>
<td>4'</td>
<td>2</td>
</tr>
<tr>
<td>6I</td>
<td>6'</td>
<td>3</td>
</tr>
<tr>
<td>8I</td>
<td>8'</td>
<td>4</td>
</tr>
<tr>
<td>10I</td>
<td>10'</td>
<td>5</td>
</tr>
<tr>
<td>12I</td>
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<td>6</td>
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</tbody>
</table>

* with 22" reflector

Luminaire arrays are field installed.

Cross Arm E.P.A.

<table>
<thead>
<tr>
<th>Length</th>
<th>EPA</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1.2</td>
</tr>
<tr>
<td>4'</td>
<td>2.4</td>
</tr>
<tr>
<td>6'</td>
<td>3.6</td>
</tr>
<tr>
<td>8'</td>
<td>4.8</td>
</tr>
<tr>
<td>10'</td>
<td>6.0</td>
</tr>
<tr>
<td>12'</td>
<td>7.2</td>
</tr>
</tbody>
</table>

Color

1 = Black
2 = Grey
5 = Dark Bronze

GALVANIZED STEEL MOUNTING BRACKET

13/16" WIDE SLOT

3/4" GALV. BOLTS, NUTS AND WASHERS

12" MOUNTING BOLT SPACING

13/16" WIDE CONTINUOUS SLOT

8" - 0"

12" - 10"

6"
Sports Lighting Systems
Solutions for Amateur Athletic Venues

- Removable Top Cap
- Telescopic Joint with Through Bolts
- Mounting Height
- Burial Depth
- Ground Line
- 2' x 6' Conductor Entrance
- Composite Plug
Shakespeare offers a broad range of standard, decorative, and custom-engineered light poles and lamp posts. These high-quality composite structures are ideal for use in illuminating the space adjacent to sports venues, such as concession areas, parking lots, and roadways.

- Easy, fast installation with minimal heavy equipment needed
- Engineered for specific height and strength requirements
- Long lasting pole, with embedded UV inhibitors and anti-UVC coatings
- Low maintenance over the life of the product
- Poles will not rot or corrode, regardless of humidity
- Sturdy and durable, the poles are wrapped in a polyester veil for strength retention and weathering protection
- Standard colors are black, bronze, and grey. For custom colors, consult factory
- Heavy duty composite crossarms available in 2’ to 12’ lengths to create lighting arrays

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