

The SH55 series hexagonal luminaire shall consist of a roof assembly, cage, diffuser, capital, ballast assembly and an internal optical system. The hinged roof shall be made of cast aluminum and shall have a spun aluminum cupola and a cast aluminum finial. The diffuser shall be either clear, frosted or white acrylic or polycarbonate or clear tempered glass. The cage shall be made of cast aluminum and shall be welded to the capital. All castings shall be formed true to pattern, with no warping or mold shifting.

The electrical and optical components shall be mounted on a cast aluminum ballast plate within the capital. The medium or mogul porcelain socket shall be 4kV pulse rated. The HID ballast shall be HPF, CWA, multi-tap, supplied with capacitor and ignitor. Luminaire shall be ETL certified as suitable for wet locations. Lamps by others.

The optical assembly shall be mechanically secured to the ballast plate and/or the roof, as appropriate.

The luminaire shall mount to a 3"OD or 4"OD x 3"H tenon with three sets of two stainless steel tamper resistant screws. All exposed metal parts shall receive baked-on smooth semi-gloss powder coat finish. Ships boxed and palletized.

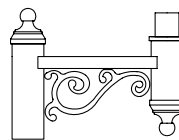
## SH55

Luminaire	Diffuser	Ballast	Voltage	Optics	Options	Color
	<b>CA</b> - clear acrylic <b>FA</b> - frosted acrylic <b>CP</b> - clear polycarbonate <b>FP</b> - frosted polycarbonate <b>WP</b> - white polycarbonate <b>TG</b> - clear tempered glass	<b>5M</b> - 50MH <b>7M</b> - 70MH <b>10M</b> - 100MH <b>15M</b> - 150MH <b>17M</b> - 175MH <b>25M</b> - 250MH  <b>5H</b> - 50HPS <b>7H</b> - 70HPS <b>10H</b> - 100HPS <b>15H</b> - 150HPS <b>25H</b> - 250HPS	<b>1</b> - 120V <b>2</b> - 208V <b>3</b> - 240V <b>4</b> - 277V <b>5</b> - 347V	<b>BA</b> - bare lamp <b>R5</b> - glass refractor IES V <b>R3</b> - glass refractor IES III <b>CO</b> - dual optical cone IES V <b>HR3</b> - rooftop reflector, horizontal lamp, IES III <b>LV</b> - louver stack IES V	<b>HS</b> - house side shield <b>SF</b> - single fuse <b>DF</b> - double fuse <b>LP</b> - locking photocell <b>GC</b> - glass chimney <b>FN</b> - no finial  <b>FA</b> finial "A" <b>FB</b> finial "B" <b>FC</b> finial "C" <b>FD</b> finial "D"	<b>BLK</b> - black <b>GRN</b> - green <b>BRZ</b> - bronze <b>GRY</b> - grey <b>WHT</b> - white <b>CTM</b> - custom

## Suggested pole and bracket combinations



SP01



SA01-A

**Sheridan**  
lighting systems, inc.