



## AES/NexLume, IND

Not all induction is created equal

### Revolutionary technologies that are exclusive to AES/NexLume induction systems

**AES/NexLume** 100,000-hour induction systems are backed by a 10-year warranty that covers all components, including lamp and generator. Most other brands rate their lamps at 100,000 hours, however their generators are rated for only 60,000 hours therefore they only provide a 5-year warranty for their systems.

#### Shapes & Wattages:

The **AES/NexLume** IND lamp is available in three shapes: Orbis (round), Arca (oblong) and the Solis-23w. Wattages range from 23 to 300 watts. Most other manufacturers do not offer the 23W, 65w, 100w & 300w configurations.

#### Kelvin Temp & CRI (Color Rendering Index):

**AES/NexLume** uses special OLED phosphors that provide true color illumination and increase Lamp life by 80% and true color stability over 100,000 hours of life. Our new lamps have a color temperature of 4700k and a CRI of 98, for Pupil Lumen advocates....this means greater visibility with less measurable foot-candles! Other brands have a CRI of 80 or 85 at most.

#### Single Fill Lamp Envelope:

The **AES/NexLume** lamps have one fill point (tip) in the lamp envelope. This is a patented process using proprietary mercury amalgam mixes. Sylvania and other external induced lamps have two or more fill points. The importance of this is; **AES/NexLume** lamps have less possibility of contamination inside the lamp; a black ring can indicate contamination.

**Internationally Patented IC chipset:** Allowing the elimination of up to 30% of components that would otherwise add more heat to generators. Creating a **66% Longer Generator life** and smaller generators (Now available in the new 65, 200, 250 and 300-watt systems) other manufacturers require heat sinks!

**Lumen Flow Technology:** This allows **AES/NexLume** systems to maintain a higher lumen output throughout the **rated 100,000 hours of life!** The generator applies less wattage in the beginning stages of operation and increases over time to assure more lamp lumens. **AES/NexLume** systems lumen loss is 5% at 40,000 hours and 15% at 100,000 hours. Other brands lose as much as 30% at 60,000 hours.

**Fast start:** **AES/NexLume** systems will illuminate to 70% in only 250 milliseconds and 100% at 30 seconds.