

## EONS™ 24/7 Lamp Cycling Option (CYC) Patent Pending

HID lamps are not designed for 24/7 operation and require intermittent shut off when used in a 24/7 application. Failure to follow lamp manufacturer guidelines can result in a decrease of lamp life, an increased chance of non-passive lamp failure, and can void lamp warranties.

The EONS™ **CYC** option was specifically designed to reduce the potential for non-passive end-of-life lamp failure and ensures proper operation of the HID lamp system to guarantee that lamp manufacturer guidelines are followed and warranties maintained.

## Lamp Manufacturer Recommendations

### Philips Lighting Company Operating Instructions for MH Lamps

Lamp Specification & Application Guide, SAG-100, dated 9/08, page 144. 'To reduce the risk of personal injury and property damage resulting from an arc-tube rupture the following operating instructions must be followed:

#### LAMP OPERATING INSTRUCTIONS

1. Turn off lamps at least once a week for at least 15 minutes in systems which are operating on a continuous basis (24 hours/day – 7 days/week).
2. Relamp fixtures at or before the end of rated life.'

### GE Lamp Products Catalog, dated 3/99, page 3-22

Warning & Caution Notice: 'In continuously operating systems (24hrs/day, 7 days/week), turn lamps off once per week for at least 15 minutes. Failure to comply increases risk of rupture. Relamp fixtures at or before the end of rated life.'

### Osram Sylvania MH Lamp Warning, Lamp & Ballast '04 Catalog, page 68.

To reduce risk of rupture: '...4. Lamps must be turned off for a minimum of fifteen minutes at least once a week...8. Replace lamp at or before the end of rated life.'

Failure to comply with lamp manufacturer recommendations concerning 24/7 operation and non-passive end-of-life lamp failures most often results in voiding the lamp manufacturer's warranty.

## EONS™ CYC Operation

The Wide-Lite **CYC** device is contained within the ballast enclosure and includes a timer and relay which randomly switches the luminaire off and then back on immediately once a week.

Unlike similar options provided by other manufacturers, the **CYC** device combined with the EONS circuitry allows for immediate HID restrike with the stand-by lamp(s). This feature eliminates the 15 minute down-time (zero light) experienced in other installations, while exceeding the lamp manufacturer's recommendations for off-time, ensuring rated lamp life and warranty.