AURORA HIGH INTENSITY DISCHARGE (HID) BALLASTS

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER / MAINTENANCE ENGINEER FOR FUTURE REFERENCE

FEATURES

- Digitally controlled with built in starter.
- Flicker-free light – controlled lamp voltage regardless of supply voltage.
- Colour stability regardless of supply voltage.
- Automatic disconnection of faulty lamps (End of Life Protection).
- Short-circuit proof.
- SMD Technology.
- Silent operation.
- Built-in cable strain relief.
- Lightweight and compact.
- Automatic re-start after lamp change.
- 5 year guarantee (subject to the use of Philips, Osram, Sylvania or BLV lamps).

IMPORTANT INSTALLATION INFORMATION

- Installation should be carried out in accordance with the latest edition of the I.E.E. Wiring Regulations (BS7671). If in doubt, consult a qualified electrician.
- Rated mains Voltage – 198-264VAC 50/60Hz.
- Starting voltage 3.5 – 4.5kV and Operating frequency 125Hz
- Ensure that ALL electrical connections are tight with no loose strands.
- Ballast must be located within 3m of the lamp it is controlling.
- Before commencing installation or maintenance, ensure electricity is switched off at the mains.
- HID ballasts can power only one Metal-Halide CDM lamp per ballast of the correct wattage (check the ballast rating/lamp wattage).
- Aurora HID ballasts can be used with CDM-T, CDM-TC and CDM-TD lamp types.
- Aurora HID ballasts can handle input voltages over a wide range (198 – 264VAC /50-60Hz).

IMPORTANT USER INFORMATION

- Always switch off mains supply before servicing, fitting or changing any lamps.
- Ensure the correct lamp type & wattage is used depending on which HID ballast was purchased.
- Metal-halide lamps have a warm-up / re-strike time <5 minutes. Therefore, these types of luminaires should be used in conjunction with other luminaires that will provide sufficient lighting until the metal-halide reaches full brightness.

INSTALLATION INSTRUCTIONS

1. Switch off power supply before connecting the HID ballast.

2. Use 0.75-2.5mm^2 High Voltage cable that can sustain 5KV ~ 6KV on the secondary side. Strip back at least 8mm of insulation from the cable ends, for connection into the screw terminal connectors on the ballast.
3. The cable length from the ballast to the lamp it is controlling must not exceed 3m.
4. Use the wiring connection diagram printed on the ballast casing to assist in connecting cables.
5. Ensure the secondary side cables show no bare / exposed wires.
6. Secure the ballast in place using the fixing holes on case.
7. Never cover the ballast and ensure it is installed in an area with temperatures no lower than -20°C and no higher than +45°C.
8. Once all the connections have been made and the ballast secured into position, turn on the power supply.

GUARANTEE

This product is guaranteed in the UK for a period of 5 years from the date of purchase, subject to use of Philips, Osram, Sylvania or BLV lamps. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Aurora does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Aurora reserves the right to alter specifications without prior notice.