ILLUMINATED CAR PARK SIGNS

Installation & Maintenance Details
GEAR TRAY INSTRUCTIONS

These components are offered for sale for incorporating within lighting luminaries or signs or other similar apparatus & responsibility for compliance with the Low Voltage Directive is with the manufacturer of that appliance.

These components are not offered for sale for use by themselves nor are they intended for use in their own right domestically within the definition of the Consumer Protection Act 1961: AT6750

These components are to be installed in accordance with I.E.E. Regulations by a fully qualified technician.

Ensure mains supply has been isolated before maintenance.

WARNING:
These gear trays must not be installed directly on to a flammable surface. In the unlikely event of failure certain components can become extremely hot. Ensure adequate ventilation when installed in confined spaces.
PLANNED LAMP MAINTENANCE

To maintain the correct operating condition of the luminaire, please be aware of the following points regarding planned lamp maintenance.

1). The lamp has a designed life of 7,500 plus hours, under normal operating conditions.

2). At 7,500 plus hours the lamp will be operating at an increasing temperature on the cathodes of the lamps the lamp ages, which will also result in reducing the lamp life.

   Another effect of operating a lamp after 7,500 plus hours is the reducing light output of the lamp, resulting in the light levels falling below the minimum level specified.

3). Where a lamp has failed and is constantly flickering or glowing red at the lamp ends, we recommend the lamp be replaced immediately before excessive heat damages the control gear or the luminaire body and/or the controller.

4). In seated luminaries, the increased ambient temperature within the luminaire generated by the lamps will further reduce the lamp life.

   When the luminaires are switched on constantly (ie. 24 hrs.), this will reduce the planned lamp maintenance from approximately 36 months to 12 months.

5). When a lamp is replaced either when faulty or during planned lamp maintenance, always replace the starter switch with a new starter switch ensuring the replacement is of the correct type.

6). Where lamp maintenance will be difficult (inaccessible areas), we recommend the specification of electronic starter switches, which will monitor the lamp and automatically shut down in the event of lamp failure.

7). Please bear in mind that a flickering lamp or glowing on the ends of a lamp will be creating excessive heat within the luminaire.

Planned lamp maintenance will ensure the lighting levels will be as designed, reduce potential damage of control gear and the possible replacement of the luminaire.