



ZA760

Low intensity NEON
obstruction light (Red)
Group - A

Compliant to Latest International Standards

- ▶ CAP168
- ▶ CAP437 - Offshore Helicopter landing areas
- ▶ ICAO Annex 14 Vol I, Obstacles
- ▶ ICAO Annex 14 Vol II, Heliports

Applications

Low Intensity Obstruction Lights (LIOL) that should be used to warn the presence of obstacles up to 45 mts high

Application

As specified by UK CAP168 "Licensing of Aerodromes" regulation, Low Intensity Obstruction Lights (LIOL) should be used to warn the presence of obstacles up to 45m height, such as telecommunication antennas, chimneys, cranes, buildings and other structures.

The ZA760 Multi-purpose, long-life lights designed for use Group A areas, in low illuminance backgrounds, where ignitable gas is present, or in access restricted areas.

These light fittings have an objective tube life of 20,000 hours. Suitable for use on helipads both onshore and offshore, red obstacle light on derricks and cranes, mounting on flare stacks (restricted positioning) and as high illuminance status lights.

Construction

The unit consists of a corrosion resistant aluminium alloy casting which houses the internal transformer and power factor correction capacitor. The toughened glass dome is hinged for ease of installation and maintenance.

Mounting Standard

3 x M10 x 1.5 tapped holes on 76mm pcd x 12mm deep
See also options over page.

Dimensions

200mm x 250mm x 325mm high

Options

- ▶ Anti-vibration mounts
- ▶ Pole mounting kit
- ▶ Coloured tubes: yellow, green, blue, white
- ▶ IP67 conversion kit
- ▶ 110/120V 50Hz/60Hz - Power consumption 29watts
- ▶ 220/240V 50Hz/60Hz - Power consumption 29watts
- ▶ 48V DC and 24V DC - Consumes 18watts DC

Features

- ▶ ZA760 suitable for use in ambients from -20°C to +50°C, eg. hot chimneys
- ▶ Special protection for up to 85°C max ignition temp
- ▶ Suitable for ground mounting (7Nm impact protection)
- ▶ Ingress protected to IP54 or IP67
- ▶ Integral separately sealed terminal box suitable for looping
- ▶ Finished in light grey to BS 381C colour No. 631
- ▶ Radio interference suppression to BS 800
- ▶ Power factor (internally corrected) 0.9
- ▶ Vibration checked up to 100Hz

Installation and maintenance manual available on request

Lightoutput

| | |
|--------|------------|
| Red | Up to 30cd |
| Yellow | Up to 24cd |
| Green | Up to 55cg |
| Blue | Up to 13cd |
| White | Up to 20cd |

Packing details

| | |
|--------------|-----------------------|
| Gross weight | 10kg |
| Carton size | 230mm x 280mm x 360mm |
| Volume | 0.023m ³ |

Environmental Conditions

- ▶ Ambient Temperature -20°C to +50°C
- ▶ Storage Temperature -35°C to +75°C
- ▶ Atmospheric Altitude up to 10,000 feet (3000m)
- ▶ Relative Humidity 0-100% (sealed unit)

ZA760

Low Intensity NEON obstruction light solutions (Red)



Mounting options



Standard



Pole Mount



Anti-Vibration Mount

Spares

| | |
|------------------------|----------|
| Clear glass dome | SLC16039 |
| Gasket set (ZA760) | SLC33043 |
| Gasket set (ZA761) | SLC33046 |
| Tube red | SLC08022 |
| Tube yellow | SLC08044 |
| Tube green | SLC08045 |
| Tube blue | SLC08046 |
| Transformer assemblies | |
| 220/240V 50/60Hz | SLC18010 |
| 110/120V 50/60Hz | SLC18025 |
| Capacitors | |
| 5.5mF for 220/240V | SLC17008 |
| 20mF for 110/120V | SLC17009 |

Variants

| | | |
|---------|------------------|----------|
| ZA760/1 | 220/240V 50/60Hz | SLC07042 |
| ZA760/2 | 110/120V 50/60Hz | SLC07050 |

Applications

| | |
|---------------------------|-----------------------------------|
| Airports | Radio and television tower |
| High buildings | Wind Turbines |
| Chimney | Tower crane |
| Pipelines | Radars |
| Bridges | Antennas |
| Power transmission pylons | Wind / weather measuring stations |



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ZA760

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