



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
- BS3224
- CE Markings

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

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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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