

ZA760

Low intensity NEON obstruction light (Red) Group - A

# Compliant to Latest International Standards

- ► CAP168
- ▶ CAP437 Offshore Helicopeter 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

# **ZA760**

### Low Intensity NEON obstruction light solutions (Red)



# 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 ignitible 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

➤ Storage Temperature

- ▶ 110/120V 50Hz/60Hz Power consumption 29watts
- ≥ 220/240V 50Hz/60Hz Power consumption 29watts

-35°C to +75°C

▶ 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	$0.023 \text{m}^3$

#### **Environmental Conditions**

► Ambient Temperature -20°C to +50°C ➤ Atmospheric Altitude up to 10,000 feet (3000m)

▶ Relative Humidity 0-100% (sealed unit)

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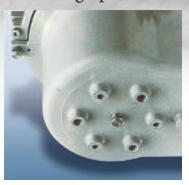
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# Mounting options







Standard Pole Mount Anti-Vibration Mount

Spares	Variants
oparcs	variants

*	
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	

SLC08045
SLC08046
SLC18010
SLC18025

Capacitors 5.5mF for 220/240V SLC17008 20mF for 110/120V SLC17009

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 transmition pylons	Wind / weather measuring stations



220/240V 50/60Hz 110/120V 50/60Hz

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