

## 32 Candela 48V DC ACWL System For Structures Up To 50m



A 32 Candela 48 V DC ACWL system fully compliant with ICAO regulations.

The system can be deployed on any tower structure 3 or 4 Leg up to a maximum height of 50m.

The system is photo cell controlled and will report lamp or photocell failure.

### Product

| Product No. | Product   | Quantities |
|-------------|---|------------|
| 1609        | Single LED Light - Medium Low Intensity DC Steady   | 2          |
| 1612        | Double LED Light - Medium Low Intensity DC Flashing | 1          |
| 1623        | Universal Light Mount Kit                           | 3          |
| 1624        | Zip Tie Black                                       | 130        |
| 1625        | 1m Standard 2.5mm Electrical Cable                  | 120        |
| 1626        | 1m Standard 1.5mm Electrical Cable                  | 10         |
| 2192        | 1-4 Light Controller Outdoor - DC                   | 1          |
| 2194        | External Photocell                                  | 1          |

### Standards Compliance

Fully compliant to ICAO Annex 14 Volume 1

IP 65 Rated

### Included:

Controller

Photo Cell

Lights

Cabling

Cable Support

Mounting Brackets

## Single LED Light - Medium Low Intensity DC Steady

Single Medium Low Intensity Led based Aircraft Warning Light. DC 12-48 V with IP65 Rating and compliance to all major international standards.



| Type         |        |
|--------------|--------|
| Light System | Single |
| Colour       | Red    |
| Illumination | Steady |
| Bulb Type    | LED    |

| General Specification     |                    |
|---------------------------|--------------------|
| Supply Voltage            | DC 12-48 V         |
| Power Consumption         | <7 W               |
| Intensity                 | >32 cd             |
| Horizontal Divergence     | 360 Degree         |
| Vertical Divergence       | 10 Degree          |
| Visible Range             | >4 km              |
| Typical Life Time of Bulb | $\geq 100,000$ Hrs |
| IP Protection             | IP65               |
| Operating Temperature     | -40°C – 70°C       |

| Στανδαρδ Χομπλιανχε   |  |
|---|--|
| Χομπλιαντ το ΙΧΑΟ (Αεροδρομιοσ Αννεξ 14), ΦΑΑ (Λ810) ανδ ΣΑ-ΧΑΑ |  |



## Double LED Light - Medium Low Intensity DC Flashing

Double Medium Low Intensity Led based Aircraft Warning Light. DC12-48 V with IP65 Rating and compliance to all major international standards.

| Type         |          |
|--------------|----------|
| Light System | Double   |
| Colour       | Red      |
| Illumination | Flashing |
| Bulb Type    | LED      |

| General Specification     |                    |
|---------------------------|--------------------|
| Supply Voltage            | DC12-48 V          |
| Power Consumption         | <8 W               |
| Intensity                 | >32 cd             |
| Horizontal Divergence     | 360 Degree         |
| Vertical Divergence       | 10 Degree          |
| Visible Range             | >4 km              |
| Typical Life Time of Bulb | $\geq 100,000$ Hrs |
| IP Protection             | IP65               |
| Operating Temperature     | -40°C – 70°C       |

| Στανδαρδ Χομπλιανχε  |  |
|--|--|
| Χομπλιαντ το IXAO (Αεροδρομιος Ανεξ 14), ΦΑΑ (Λ810) ανδ ΣΑ-ΧΑΑ |  |



## Universal Light Mount Kit

Universal ACWL mount kit supporting both single and double lights.

Designed for installation on both angle and tubular steel.

Kit includes leg clamps and mounting pole.

### Material

Stainless Steel

### Structures Supported

Angle or Tube mounting

### Light Type Supported

All Types



## Zip Tie Black

UV resistant zip tie for use in mounting ACWL system cable.

Recommended 1 zip tie per 1m of cable.

### General

Colour

Black

Full UV Resistant

### Installation

1 per m of installed cable



## 1m Standard 2.5mm Electrical Cable

1m of Standard cable for use in the connection of ACWL lights to the control box and for bringing main power to the controller.

### General

2.5mm Thickness

2 Core

UV Resistant cover

Colour

Black

## 1m Standard 1.5mm Electrical Cable

1m of Standard cable for use in the connection of the photo cell to the ACWL control box.



| General            |       |
|--------------------|-------|
| 1.5mm Thickness    |       |
| 2 Core             |       |
| UV Resistant cover |       |
| Colour             | Black |



## 1-4 Light Controller Outdoor - DC

Aircraft Warning light controller and photo cell capable of supporting upto 4 lights.

### Key Features Include:

Automatic Photo Cell control.

Independent reporting of light failure.

External alarm outputs for 3rd party integration.

### General

300 x 200 x 135

IP Rating

65

Temperature Range

-30°C - 60°C

Sensor

External Photocell Supported

### Input

Voltage

48V DC

### Controll

Single and Double Lights

4 Lights Supported

Flashing or Steady Burning

External Photocell

Flashing Rate Adjustment

### Alarm Outputs

Light Failure

Yes





CostWORX is the leading wholesale distributor of telecom & technology infrastructure products, supplying globally through a network of local alliance partners.

|                                   |     |
|-----------------------------------|-----|
| Double Light Single Bulb Faliure  | Yes |
| Cable Cut                         | Yes |
| Photocell Failure                 | Yes |
| Lights on After Photocell Failure | Yes |
| Manual Photo Cell Override        | Yes |
| Power Failure                     | Yes |



## External Photocell

Photocell to provide light condition information to all listed controllers.

Outdoor housing provides full IP65 protection.

| General           |                    |
|-------------------|--------------------|
| 100 x 54 x 30     |                    |
| IP Rating         | 65                 |
| Temperature Range | -30°C - 60°C       |
| Sensor            | External Photocell |