

32 Candela 48V DC ACWL System For Structures Up To 55m



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 55m.

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	140
1625	1m Standard 2.5mm Electrical Cable	130
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 (Α810) 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