CostW⬭RX

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

10 Candela 48V DC ACWL System For Structures Up To 35m

A 10 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 35m.

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

Product

Product No.	Product	Quantities
1604	Double LED Light - Low Intensity DC Flashing	1
1623	Universal Light Mount Kit	1
1624	Zip Tie Black	45
1625	1m Standard 2.5mm Electrical Cable	35
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

Double LED Light - Low Intensity DC Flashing

Double Low Intensity Led based Aircraft Warning Light. DC20-60 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	DC 20-60 V
Power Consumption	<5 W
Intensity	>10 cd
Horizontal Divergence	360 Degree
Verticla Divergence	10 Degree
Visable Range	>2.5 km
Typical Life Time of Bulb	ℜ≥100,000 Ηρσ
ΙΠ Προτεχτιον	ΙΠ65
Ωορκινγ Τεμπερατυρε	−40°Χ – 70°Χ

Στανδαρδσ Χομπλιανχε
Χομπλιαντ το ΙΧΑΟ (Αεροδρομεσ Αννεξ 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 Doubble Lights	4 Lights Supported
Flashing or Steady Burning	
External Photocell	
Flashing Rate Adjustment	

Alarm Outputs	
Light Failure	Yes

Doubble 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