Photovoltaic Energy L.L.C
ايكوسولاريس للطاقة الكهروضوئية ذ.م.م
Canal Highs 4001, Dubai, United Arab Emirates · P.O. Box 25314
Tel: +971 58 511 8662 · Toll-free: 800 00813
contact@ecosolaris.ae · www.ecosolaris.ae

TECHNICAL DATASHEET · PORTABLE LIGHTING · SOLAR AIRPORT LIGHTING

POLARIS Solar-Powered Runway Lighting

EcoSolaris code **ECO-AL-427**

Made in Romania Manufactured in the EU



Polaris solar runway lighting is purpose-designed for remote aerodromes without mains power. The range covers approach, threshold, runway edge, runway end and taxiway edge lights, each powered by a 20 W solar panel. The units feature a UV-stabilised polycarbonate housing, wireless control and an emergency ON/OFF button.

PURPOSE
Solar runway lighting for remote aerodromes

APP – APPROACH
Approach centre light and crossbars, white

THR – THRESHOLD
Threshold wing bar light, green

RWE – RUNWAY EDGE
Runway edge light, white

Price on request

EcoSolaris technical support · Dubai

Technical specifications

Purpose	Solar runway lighting for remote aerodromes
APP – approach	Approach centre light and crossbars, white
THR – threshold	Threshold wing bar light, green
RWE – runway edge	Runway edge light, white
TND – threshold / runway end	Threshold light green / runway end light red
TWE – taxiway edge	Taxiway edge light, blue
APP intensity	6,100 cd (approach centre light and crossbars)
Solar panel	20 W
Total battery capacity	144 W (as declared)
Housing	UV-stabilised polycarbonate
Control	Wireless
Emergency button	ON/OFF

Features

- Fully autonomous: integrated 20 W solar panel
- Wireless control of the lights
- Emergency ON/OFF button
- UV-stabilised polycarbonate housing
- 6,100 cd for approach lights
- Full colour range: white, green, red, blue

Materials and construction

- Housing: UV-stabilised polycarbonate

Configuration options

- Function: APP, THR, RWE, TND or TWE
- Mounting: base plate, solar panel stand or tripod

Compatible accessories

AL-124-AX	Polaris base plate
AL-123-AX	Polaris solar panel stand
AL-173-AX	Tripod

Applications

Remote aerodromes without mains power · **Approach and threshold lighting** · **Runway edges and runway ends** · **Taxiways**