

## LED RUNWAY EDGE LIGHT - WHITE

Model **EL-W**



### FEATURES

Omni directional  
 Variable intensity up to 5 steps  
 Wireless or automatic control (up to 5 miles range)  
 Exceeds FAA and ICAO standards

### DIMENSIONS

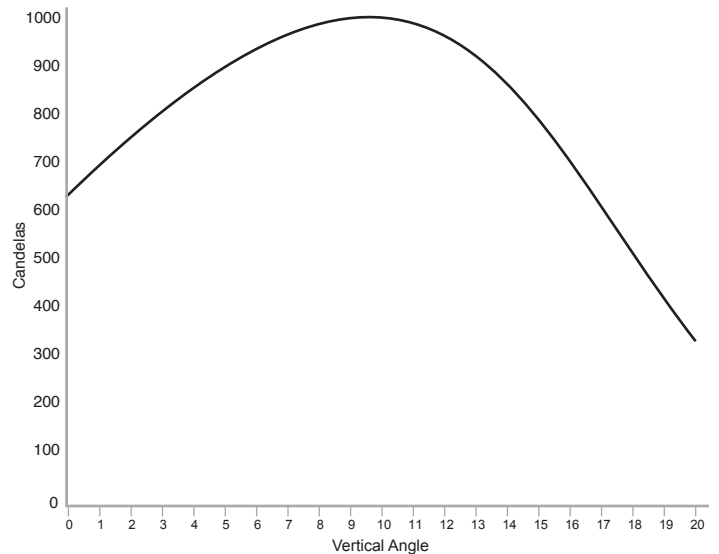
Base Platter: 12 inches diameter  
 Lamphead: 2.2 inches diameter  
 Height: Variable as required

### SPECIFICATIONS

	White: L-861 steps 1-3 of 3 MIRL
Optical	Over 650 cd peak; see photometric plots High-power LEDs meet IES LM-100 lumen maintenance, ensuring consistent photometrics for life of product ICAO, SAE25050 (FAA), and FAA EB 67 compliant chromaticity High efficiency cells with blocking diodes
Energy Collection	Maximum power point tracking (MPPT-TC) for optimal energy collection in all solar conditions
Energy Storage	Pure-lead VRLA Gel battery with manufacturer operating range -85 to 176 °C (-65 to 80 °C) On-board battery status Designed for 5 year battery life; Replaceable and recyclable
Construction	Premium, UV-resistant acrylic lens Powdercoated aluminum chassis Waterproof, vented battery compartment
Temperature	-22 to 131 °F (-30 to 55 °C) ambient -40 to 176 °F (-40 to 80 °C) storage
Shock & Vibration	MIL-STD-202G and MIL-STD-810G
Electrostatic Discharge (ESD)	FAA-STD-019E, EN 61000-4-2

### PHOTOMETRICS

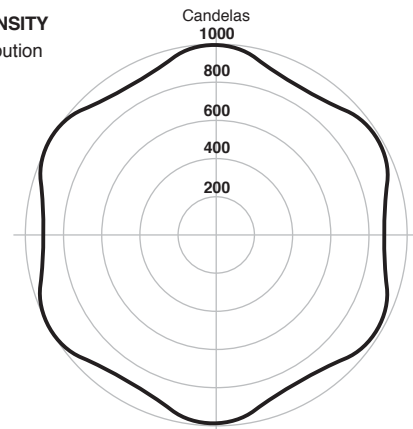
#### VERTICAL DIVERGENCE



Temporary High intensity / Vertical divergence plot through horizontal intensity peak

#### HORIZONTAL INTENSITY

WHITE - 360° Distribution

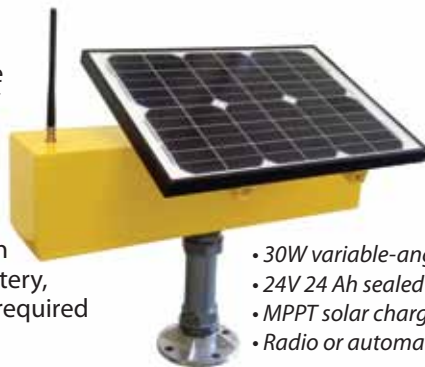


High Intensity / Top View

## SOLAR POWER POD

Model **SPP**

Feeds reliable power to edge light, installed 3-4 meters off the runway edge for aircraft safety clearance, connected by buried cable. System configuration is scalable depending on install location and includes solar panel, battery, wireless controller. One SPP required for each light.



- 30W variable-angle solar panel
- 24V 24 Ah sealed lead-acid battery
- MPPT solar charging system
- Radio or automatic control



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Specifications are subject to change  
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## LED RUNWAY EDGE LIGHT - WHITE/YELLOW Model EL-WY

Runway end 1000ft (300m) distance-to-go warning

### FEATURES

- Bi-directional color
- Variable intensity up to 5 steps
- Wireless or automatic control (up to 5 miles range)
- Exceeds FAA and ICAO standards

### DIMENSIONS

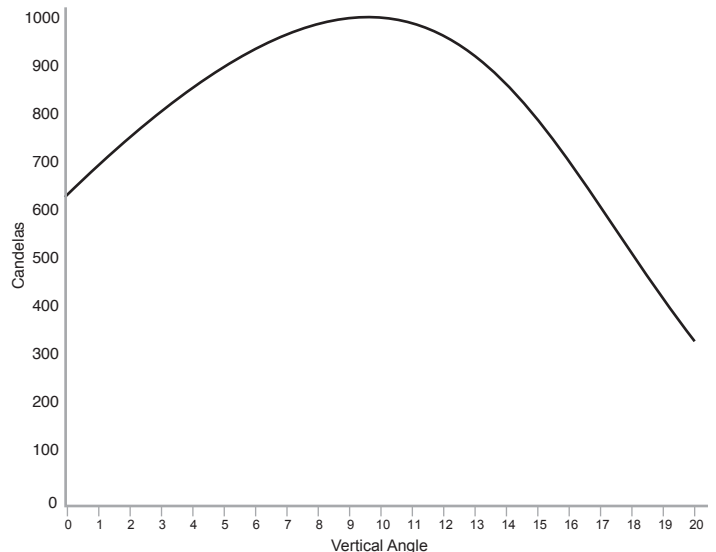
- Base Platter: 12 inches (305mm) diameter
- Lamphead: 2.2 inches (56mm) diameter
- Height: Variable as required

### SPECIFICATIONS

	White/Yellow: L-861 steps 1-3 of 3 MIRL
Optical	Over 650 cd peak; see photometric plots
	High-power LEDs meet IES LM-100 lumen maintenance, ensuring consistent photometrics for life of product
	ICAO, SAE25050 (FAA), and FAA EB 67 compliant chromaticity
	High efficiency cells with blocking diodes
Energy Collection	Maximum power point tracking (MPPT-TC) for optimal energy collection in all solar conditions
Energy Storage	Pure-lead VRLA Gel battery with manufacturer operating range -85 to 176 °C (-65 to 80 °C)
	On-board battery status
	Designed for 5 year battery life; Replaceable and recyclable
	Premium, UV-resistant acrylic lens
Construction	Powdercoated aluminum chassis
	Waterproof, vented battery compartment
Temperature	-22 to 131 °F (-30 to 55 °C) ambient
	-40 to 176 °F (-40 to 80 °C) storage
Shock & Vibration	MIL-STD-202G and MIL-STD-810G
Electrostatic Discharge (ESD)	FAA-STD-019E, EN 61000-4-2

### PHOTOMETRICS

#### VERTICAL DIVERGENCE



Temporary High intensity / Vertical divergence plot through horizontal intensity peak

## SOLAR POWER POD

### Model SPP

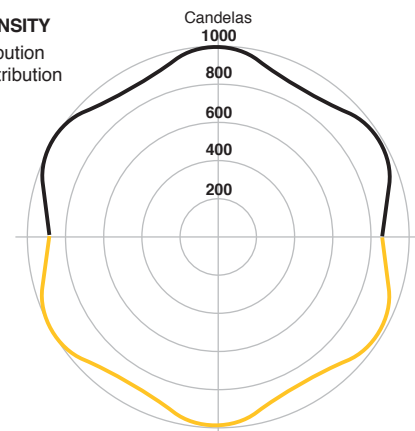
Feeds reliable power to edge light, installed 3-4 meters off the runway edge for aircraft safety clearance, connected by buried cable. System configuration is scalable depending on install location and includes solar panel, battery, wireless controller. One SPP required for each light.



- 30W variable-angle solar panel
- 24V 24 Ah sealed lead-acid battery
- MPPT solar charging system
- Radio or automatic control

#### HORIZONTAL INTENSITY

WHITE - 180° Distribution  
YELLOW - 180° Distribution



High Intensity / Top View



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## LED RUNWAY THRESHOLD - RED/GREEN Model EL-RG

Runway end marker

### FEATURES

Bi-directional color  
Variable intensity up to 5 steps  
Wireless or automatic control (up to 5 miles range)  
Exceeds FAA and ICAO standards

### DIMENSIONS

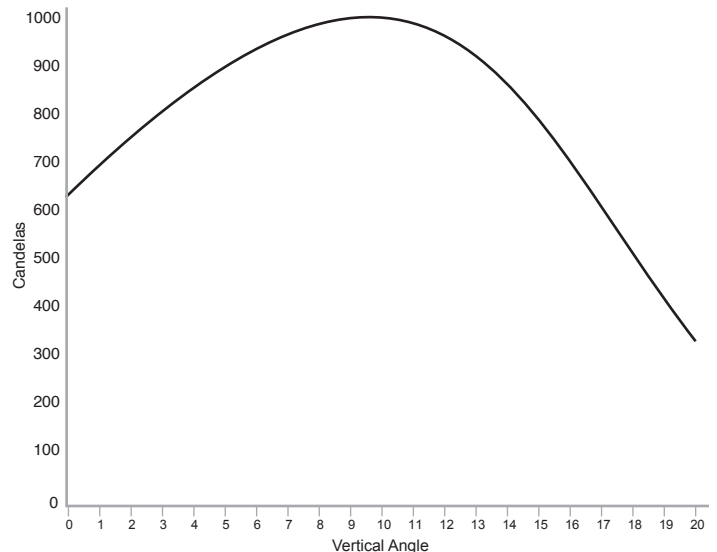
Base Platter: 12 inches (305mm) diameter  
Lamphead: 2.2 inches (56mm) diameter  
Height: Variable as required

### SPECIFICATIONS

Optical	Red/Green: L-861E steps 1-3 of 3 MIRL
	Over 650 cd peak; see photometric plots
	High-power LEDs meet IES LM-100 lumen maintenance, ensuring consistent photometrics for life of product
Energy Collection	ICAO, SAE25050 (FAA), and FAA EB 67 compliant chromaticity
	High efficiency cells with blocking diodes
Energy Storage	Maximum power point tracking (MPPT-TC) for optimal energy collection in all solar conditions
	Pure-lead VRLA Gel battery with manufacturer operating range -85 to 176 °C (-65 to 80 °C)
Construction	On-board battery status
	Designed for 5 year battery life; Replaceable and recyclable
	Premium, UV-resistant acrylic lens
Temperature	Powdercoated aluminum chassis
	Waterproof, vented battery compartment
Shock & Vibration	-22 to 131 °F (-30 to 55 °C) ambient
	-40 to 176 °F (-40 to 80 °C) storage
Electrostatic Discharge (ESD)	MIL-STD-202G and MIL-STD-810G
	FAA-STD-019E, EN 61000-4-2

### PHOTOMETRICS

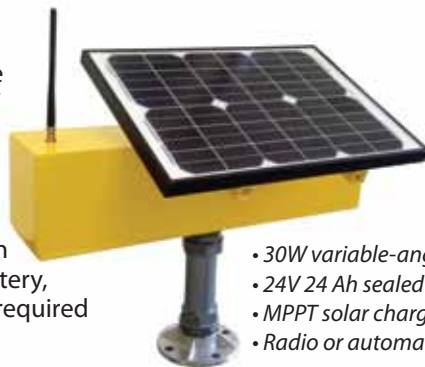
#### VERTICAL DIVERGENCE



Temporary High intensity / Vertical divergence plot through horizontal intensity peak

## SOLAR POWER POD Model SPP

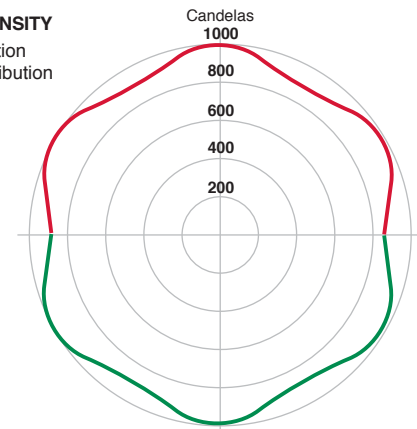
Feeds reliable power to edge light, installed 3-4 meters off the runway edge for aircraft safety clearance, connected by buried cable. System configuration is scalable depending on install location and includes solar panel, battery, wireless controller. One SPP required for each light.



- 30W variable-angle solar panel
- 24V 24 Ah sealed lead-acid battery
- MPPT solar charging system
- Radio or automatic control

#### HORIZONTAL INTENSITY

RED - 180° Distribution  
GREEN - 180° Distribution



High Intensity / Top View



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