

# STEP LIGHTS RPS

A2W10

**AiSPIRE®**  
A WAC GROUP COMPANY



Fixture Type:

Catalog Number:

Project:

Location:

BK



WT



Model	Forward Voltage	Max Drive Current	Max # of Fixture	Beam	Color Temp	Lumen	Finish
A2W10	6V	300mA	7 per Channel	85	27 2700K 30 3000K	22 70	BK Black WT White

Example: A2W10-30BK

\*AISPIRE RPS Required, Sold Separately

## DESCRIPTION

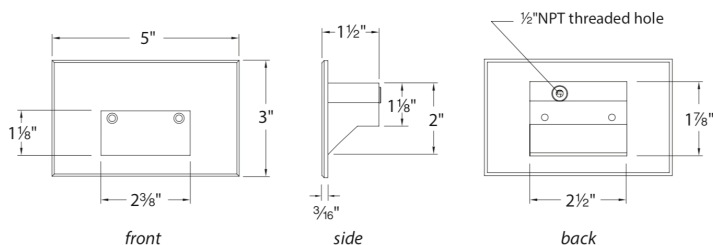
Horizontal rectangle step light. Designed for safety and style on stairways, patios, decks, balcony areas, walkways and building perimeters.

Features an architectural design. Energy efficient for long-lasting indoor and outdoor lighting solutions. Creates an attractive, romantic impression at night.

## FEATURES

- Direct wiring, no driver needed
- Low profile, flush, to wall aesthetics with no visible hardware
- 54,000 hour rated life
- Balanced lighting, free of shadows with minimum glare
- IP66 rated, Protected against high-pressure water jets
- 8 year warranty

## LINE DRAWING



## SPECIFICATIONS

<b>Construction:</b>	Die-cast aluminum
<b>Power:</b>	Direct wiring, no remote driver needed. Input voltage: Class 2 Low Voltage, DC power
<b>Dimming:</b>	Refer to RPS specifications for protocol and compatibility
<b>Light Source:</b>	CRI: 90
<b>Mounting:</b>	Fits into 2" x 4" J-Box with minimum inside dimensions of 3"L x 2"W x 2"H Includes bracket for J-Box mount.
<b>Standards:</b>	IP66, UL & cUL Listed for wet locations, Title 24 JA8-2019 Compliant.

Operating Temp: -4°F to 104°F (-20°C to 40°C)

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Ontario, CA 91760

# AiSPiRE® Remote Power Supply (RPS)

## A2D LED DMX Power Unit



Model	# of channels	Finish
A2D20 2 x 75W Class 2 output DMX LED power unit	4	BK Black
A2D40 4 x 75W Class 2 output DMX LED power unit	8	BK Black

Example: A2D20-BK

### FINISHES



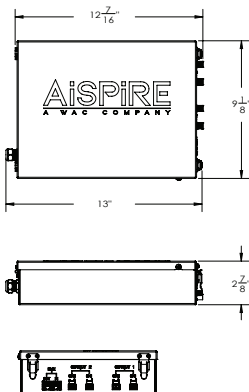
Black

### FEATURES

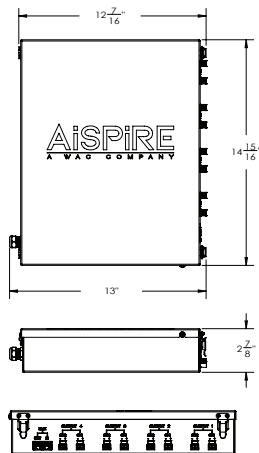
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

### LINE DRAWING

A2D20 - 4 Channel



A2D40 - 8 Channel



### INPUT

<b>Voltage Range:</b>	120VAC
<b>Frequency Range:</b>	50/60Hz
<b>Power Factor:</b>	0.99 @100VAC
<b>THD:</b>	<15% @full load
<b>Current:</b>	0.9A @100VAC
<b>Standby Power Consumption:</b>	<0.5w

### OUTPUT

<b>LED Channels:</b>	APD20-BK: 4 Channels APD40-BK: 8 Channels
<b>Selectable Current:</b>	250mA, 300mA, 350mA, 400mA, 450mA, 500mA, 600mA, 700mA, 800mA, 900mA, 1A, 1.1A, 1.2A, 1.3A, 1.4A, 1.5A
<b>DC Voltage Range:</b>	6-48VDC
<b>Current Tolerance:</b>	± 3%
<b>Rated Power:</b>	72W per channel 75W max (per 2-channel output)

### CONTROL

<b>Control Protocol:</b>	DMX 512-A, DMX 512
<b>Dimming Range:</b>	0%-100%
<b>Control Input:</b>	DMX RJ45
<b>Dimming Curve:</b>	Linear/Logarithm (Selectable)

### PROTECTION

<b>Short Circuit, Over Voltage, Over Temp:</b>	Recovers automatically after fault condition is removed
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### ENVIRONMENT

<b>Ambient Operating Temp:</b>	-4°F - 113°C (-20°F - 45°C)
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### SAFETY & EMC

- Safety Standard: UL, Damp Location
- EMC Emission: FCC Part 15 Class B
- Surge Immunity: Line-Line 1 kV

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