

# ALPINE RPS

## A2L80-48 Linear Rigid Light



Fixture Type:

Catalog Number:

Project:

Location:

### FINISHES

Model	Forward Voltage	Max. Drive Current	Max. # of Fixtures	Beam	Color Temp	Max Lumens	Finish
<b>A2L80-48</b>	39V	1400mA	1 per channel	<b>F</b>	<b>30</b> 3000K <b>40</b> 4000K	<b>4500</b> <b>4815</b>	<b>AL</b> Anodized Aluminum

Example: **A2L80-48-30AL**

\*AISPIRE RPS Required, Sold Separately

### DESCRIPTION

This fully dimmable low-voltage LED fixture features a linear design in 24 inch or 48 inch lengths. Driven by the WAC RPS driver, this fixture can be fully controlled. Available with various mounting accessory option to allow various installation application. This fixture is ideal for hospitality, retail, commercial, architectural lighting applications.

### FEATURES

- Slim profile with various mounting accessory options
- Anodized aluminum extrusion, includes a translucent white acrylic diffuser
- Fully controllable with AiSPIRE RPS Driver
- Ideal Applications: hospitality, retail, commercial, architectural lighting

### LINE DRAWING










### SPECIFICATIONS

<b>Construction:</b>	Die-cast aluminum or 316 marine grade cast stainless steel
<b>Power:</b>	Class 2 Low Voltage, DC power
<b>Dimming:</b>	Refer to RPS specifications for protocol and compatibility
<b>CRI:</b>	90
<b>Mounting:</b>	Surface Mounting, End to End Mounting, Side by Side Mounting, Pendant Mounting, Grid Mounting, Magnet Mounting, Universal Pendant L, T, X, Mounting
<b>Standards:</b>	UL & cUL Listed for Damp locations, Title 24 JA8-2019 Compliant.
<b>Operating Temp:</b>	-4°F to 104°F (-20°C to 40°C)

# ALPINE RPS

## A2L80-48 Linear Rigid Light



	Model Number	Description
	<b>A2L81</b> Surface Mount Bracket (2 Pack)	To mount fixture on ceiling/surface
	<b>A2L82</b> End to End Mount Bracket	To mount two fixtures, end to end together
	<b>A2L83</b> Side Mount Bracket (2 Pack)	To mount two fixtures, side by side together
	<b>A2L84</b> Pendant Mount Bracket (2 Pack)	To mount and hang fixtures from ceiling, can mount two fixtures at the same time (up light & down light)
	<b>A2L85</b> T-Grid Mount Bracket (2 Pack)	To mount fixture on T-Grid Ceiling
	<b>A2L86</b> Magnet Mount Bracket (2 Pack)	To mount fixture on metal surface
	<b>A2L87</b> Pendant Universal L, T, X, Bracket	To mount and hang fixtures in different patterns

# ALPINE RPS

## A2L80-48 Linear Rigid Light



\*See RPS spec sheet for wiring diagram

### INPUT

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

### OUTPUT

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

### CONTROL

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

### PROTECTION

Short Circuit, Over Voltage, Over Temp:	Recovers automatically after fault condition is removed
---	---

### ENVIRONMENT

Ambient Operating Temp:	-4°F - 113°C (-20°F - 45°C)
-------------------------	-----------------------------

### SAFETY & EMC

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

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



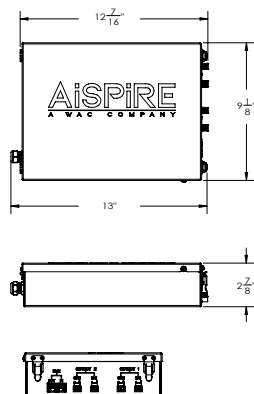
Black

### FEATURES

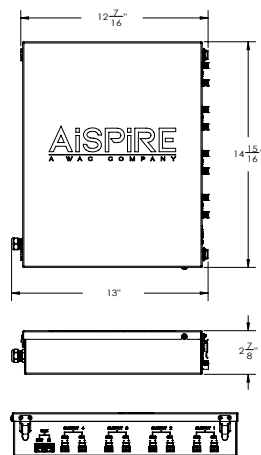
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

### LINE DRAWING

A2D20 - 4 Channel



A2D40 - 8 Channel



aispire.com  
Phone (800) 526.2588  
Fax (800) 526.2585

Headquarters/Eastern Distribution Center  
44 Harbor Park Drive  
Port Washington, NY 11050

Central Distribution Center  
1600 Distribution Ct  
Lithia Springs, GA 30122

Western Distribution Center  
1750 Archibald Avenue  
Ontario, CA 91760