

ALPINE RPS Basics

A2RL Adjustable 4"



Fixture Type:

Catalog Number:

Project:

Location:

FINISHES



White

Model	Forward Voltage	Max.Drive Current	Max.# of Fixture	Beam	Color Temp	Lumens	CBCP	Finish
A2RL-446 (Round Trim Adjustable)	18V	400 mA	2 per channel	F 45°	27 2700K 30 3000K	750	1050	WT White

Example: A2RL-446F-27WT

*AISPIRE RPS Required, Sold Separately

DESCRIPTION

Shallow profile LED that is designed to fit in in furred down ceilings without sacrificing lumen output. Available in 4" adjustable LED recessed.

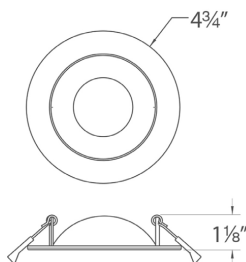
FEATURES

- Dimmable via AISPIRE RPS units, refer to RPS specifications for compatibility
- Multiple LED array for uniform illumination
- Rotatable multi-axis gimbal ring
- Driver included
- 5 year warranty

SPECIFICATIONS

Construction:	Steel with frosted TIR lens
Input Power:	Class 2 Low Voltage, DC Power See Fixture Configuration table above.
CRI:	90
Dimming:	Refer to RPS specifications for protocol and compatibility
Rated Life:	50000 Hours
Mounting:	Heavy gauge retention clips secure fixture to ceiling
Finish:	Powder coated white, enamel-coated haze.
Standards:	UL & cETL, Title 24 JA8-2016 Compliant, Wet location listed.
Operating Temp:	-4°F to 104°F (-20°C to 40°C)

LINE DRAWING



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



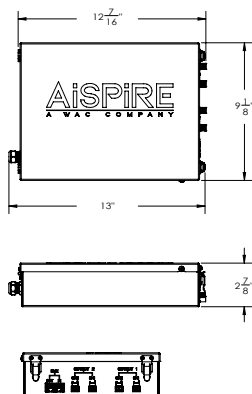
Black

FEATURES

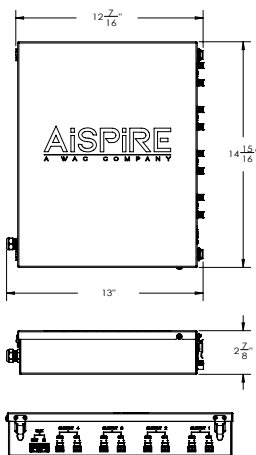
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

LINE DRAWING

A2D20 - 4 Channel



A2D40 - 8 Channel



INPUT

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
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ENVIRONMENT

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