

ALPINE RPS Basics

A2RH Downlight 4"



Fixture Type:

Catalog Number:

Project:

Location:

FINISHES



White

Model	Forward Voltage	Max.Drive Current	Max.# of Fixture	Beam	Color Temp	Lumens	CBCP	Finish
A2RH-446 (Round Remodel)	18V	550mA	2 per channel	F 45°	30 3000K	1035	1050	WT White
A2RH-246 (Round New Construction)								
A2RH-456 (Square Remodel)								
A2RH-256 (Square New Construction)								

Example: A2RH-456F-30WT

*AISPIRE RPS Required, Sold Separately

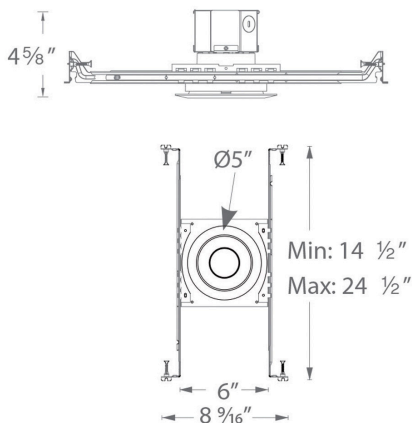
DESCRIPTION

Minimum profile downlight with driver and electrical connection box attached to fixture for easy remodel or new construction installation.

FEATURES

- Dimmable via AISPIRE RPS units, refer to RPS specifications for compatibility
- Electrical Box Located on back of fixture to allow easy installation
- Sold as remodel or new construction
- 5 year warranty

LINE DRAWING



SPECIFICATIONS

Construction:	Die-cast Aluminum with 20 guage Cold Rolled Steel Junction Box
Power:	12W.
Input:	Class 2 Low Voltage, DC Power See fixture Configuration table above
Dimming:	Refer to RPS specifications for protocol and compatibility
Light Source:	Integrated LED
Lens:	Frosted TIR lens
Rated Life:	50000 Hours
Mounting:	Remodel Installation or New construction housing included with hanger bars
Cut Out:	4" for remodel, 4 1/8" for new construction
Finish:	Electrostatically Powder Coated White
Ceiling Thickness:	1/2" - 1 1/2"
Standards:	UL & cETL, Title 24 JA8-2016 Compliant, Wet location listed, IC, Airtight
Operating Temp:	-4°F to 104°F (-20°C to 40°C)

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1750 Archibald Avenue
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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



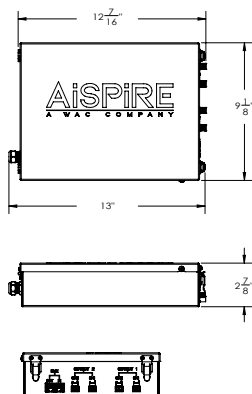
Black

FEATURES

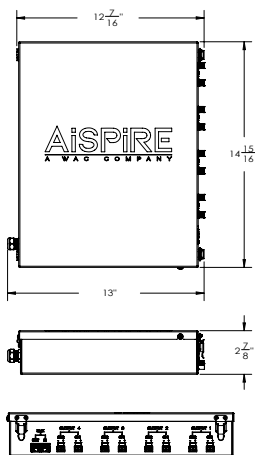
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

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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