

ALPINE RPS 3.5" New Construction and Remodel Housing A2RE, A3RE



SPECIFICATIONS

Construction:	20 Gauge cold rolled steel
Input:	Class 2 low voltage, DC power. See table below
Remote Power Supply:	A2D20-BK, A2D40-BK. Reference compatible RPS specifications for further requirements
Dimming:	Refer to RPS specifications for protocol and compatibility
Mounting:	Retention clips firmly hold trim to housing
Cut out:	New Construction: 4 1/4", Remodel: 3 3/8" (Round) New Construction: 4 1/4" x 4 1/4", Remodel: 3 3/8" x 3 3/8" (Square)

Fixture Type:

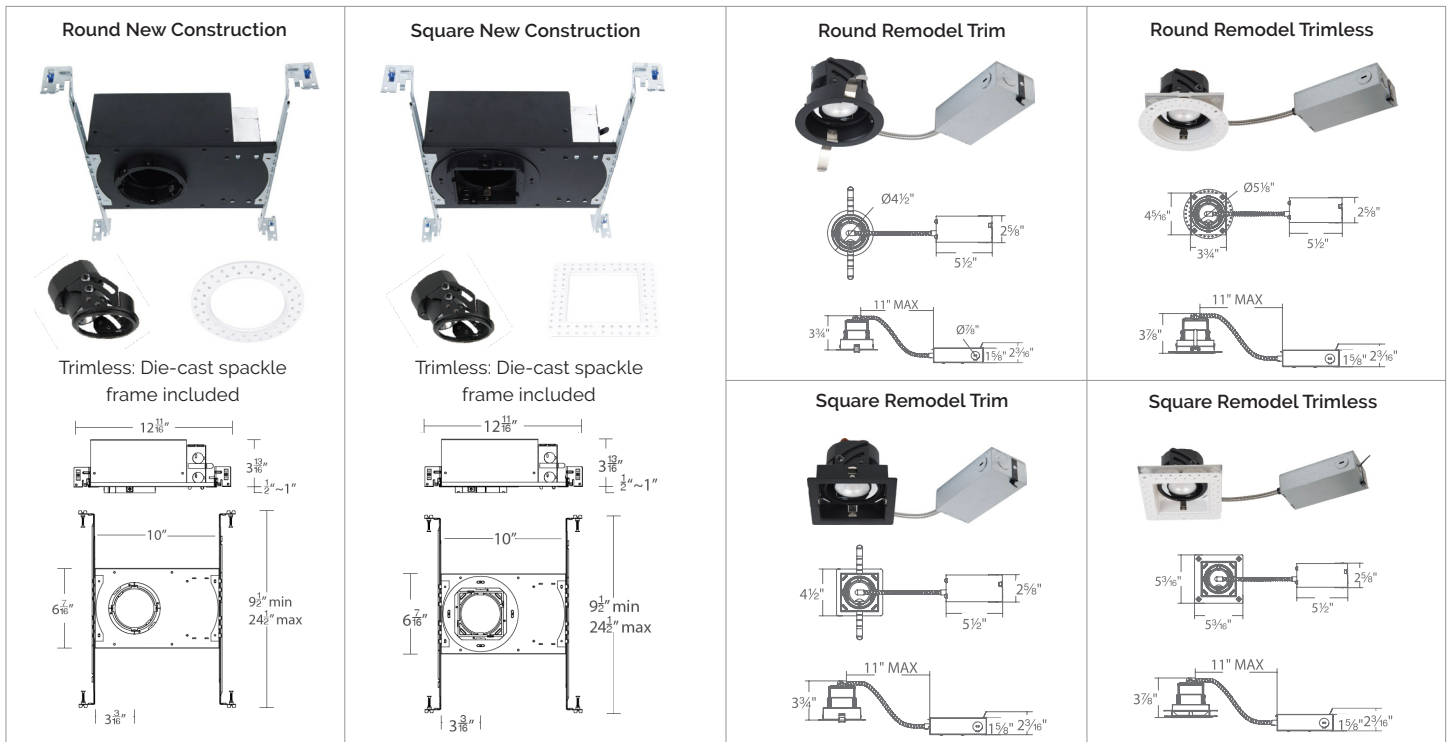
Catalog Number:

Project:

Location:

SPECIFICATIONS (Continued)

Ceiling Thickness:	1/2" - 1"
Standards:	UL & cUL Listed
Operating Temp:	-4°F to 104°F (-20°C to 40°C)
Warranty:	5 year warranty



	Model		Rating	Forward Voltage	Maximum Drive Current	Power	Max # of Fixtures	Color Temp		CRI
Round	A2RE-248M	Round New Construction	IC Airtight	36VDC	300mA	10W	1 per Channel	27 30	2700K 3000K	90
	A2RE-346M	Round Remodel Trim	Non IC							
	A2RE-347M	Round Remodel Trimless	Non IC							
	A3RE-248M	Round New Construction	IC Airtight	18VDC	450mA	7.5W	2 per Channel*	27 30	2700K 3000K	
	A3RE-346M	Round Remodel Trim	Non IC							
	A3RE-347M	Round Remodel Trimless	Non IC							
Square	A2RE-258M	Square New Construction	IC Airtight	36VDC	300mA	10W	1 per Channel	27 30	2700K 3000K	90
	A2RE-356M	Square Remodel Trim	Non IC							
	A2RE-357M	Square Remodel Trimless	Non IC							
	A3RE-258M	Square New Construction	IC Airtight	18VDC	450mA	7.5W	2 per Channel	27 30	2700K 3000K	
	A3RE-356M	Square Remodel Trim	Non IC							
	A3RE-357M	Square Remodel Trimless	Non IC							

Example: A2RE-248M-27

*Fixtures wired in Series

aispire.com
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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

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



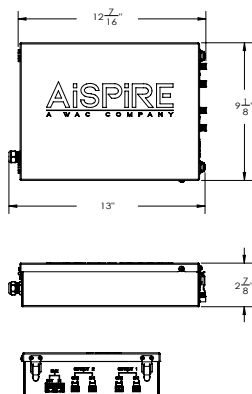
Black

FEATURES

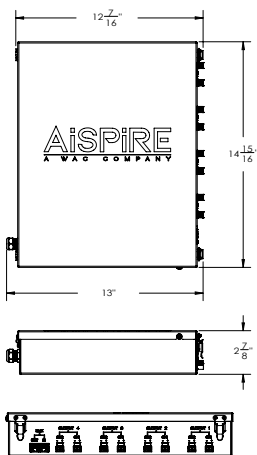
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

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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