

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:

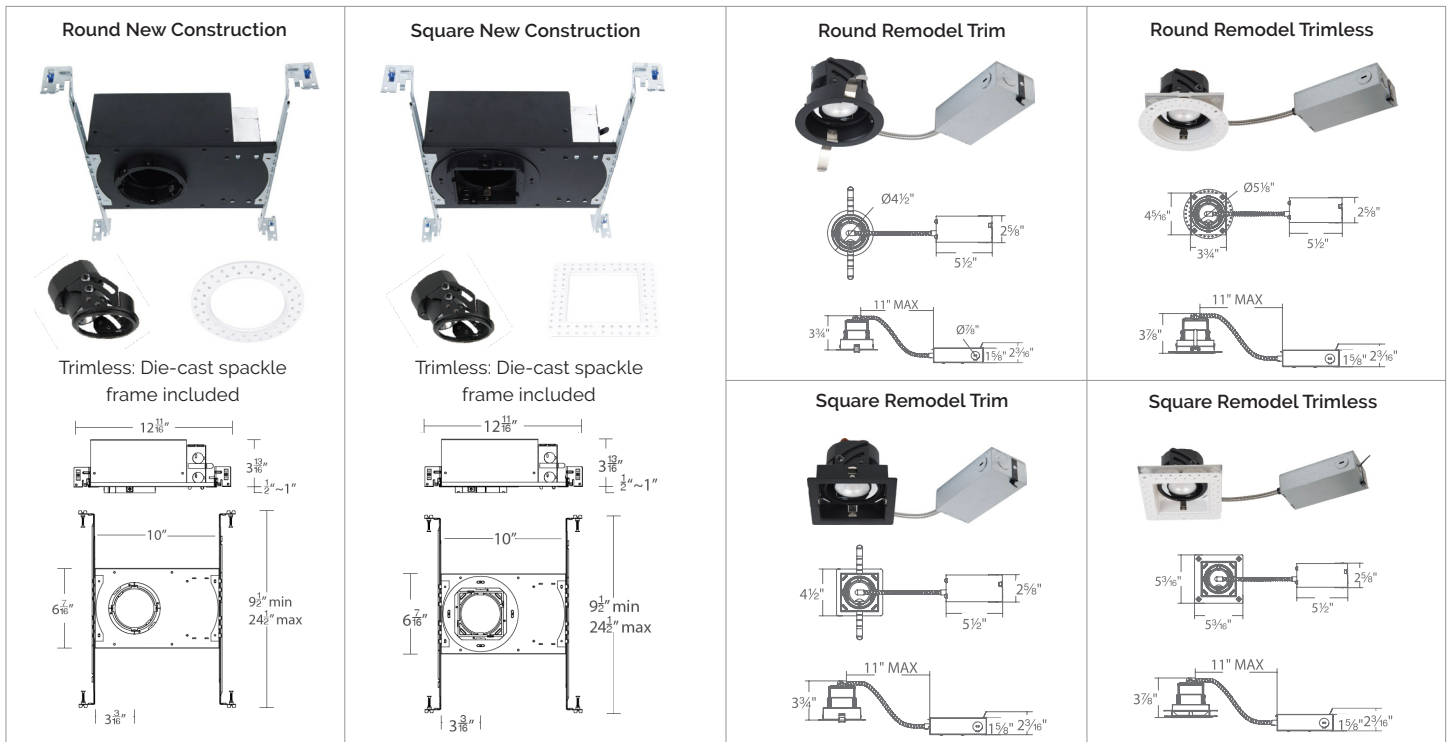
Catalog Number:

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					
	A2RE-346M	Round Remodel Trim	Non IC	36VDC	300mA	10W	1 per Channel	27 2700K 30 3000K
	A2RE-347M	Round Remodel Trimless	Non IC					
	A3RE-248M	Round New Construction	IC Airtight					
	A3RE-346M	Round Remodel Trim	Non IC	18VDC	450mA	7.5W	2 per Channel*	27 2700K 30 3000K
	A3RE-347M	Round Remodel Trimless	Non IC					
Square	A2RE-258M	Square New Construction	IC Airtight					
	A2RE-356M	Square Remodel Trim	Non IC	36VDC	300mA	10W	1 per Channel	27 2700K 30 3000K
	A2RE-357M	Square Remodel Trimless	Non IC					
	A3RE-258M	Square New Construction	IC Airtight					
	A3RE-356M	Square Remodel Trim	Non IC	18VDC	450mA	7.5W	2 per Channel	27 2700K 30 3000K
	A3RE-357M	Square Remodel Trimless	Non IC					

Example: A2RE-248M-27

*Fixtures wired in Series

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44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
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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



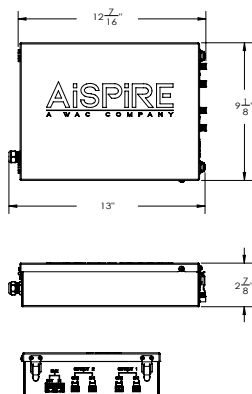
Black

FEATURES

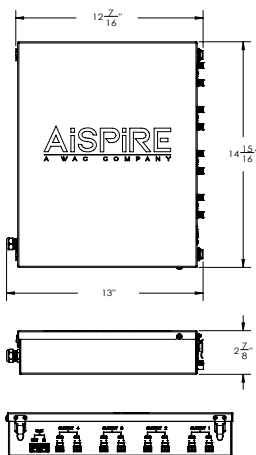
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

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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