# **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: 4¼", Remodel: 3¾" (Round)

New Construction:  $4\frac{1}{4}$ " x  $4\frac{1}{4}$ ", Remodel:  $3\frac{1}{8}$ " x  $3\frac{1}{8}$ " (Square)

### Fixture Type:

Catalog Number:

Project:

Location:

### SPECIFICATIONS (Continued)

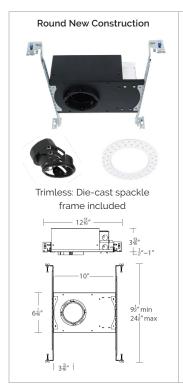
Ceiling Thickness: 1/2" - 1"

Standards: UL & cUL Listed

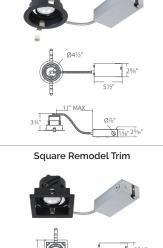
**Operating Temp:**  $-4^{\circ}F$  to 104 $^{\circ}F$  (-20 $^{\circ}C$  to 40 $^{\circ}C$ )

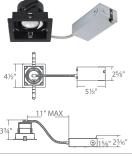
Warranty: 5 year warranty

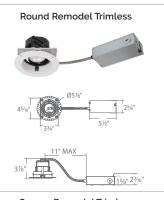
Round Remodel Trim

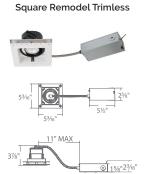












	Model		Rating	Forward Voltage	Maximum Drive Current	Power	Max # of Fixtures	Color Temp	CRI
Round	A2RE-248M A2RE-346M A2RE-347M	Round New Construction Round Remodel Trim Round Remodel Trimless	IC Airtight Non IC Non IC	36VDC	300mA	10W	1 per Channel	27 2700K 30 3000K	90
	A3RE-248M A3RE-346M A3RE-347M	Round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

Example: A2RE-248M-27 \*Fixtures wired in Series

**aispire.com**Phone (800) 526.2588
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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

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## **AiSPiRE Remote Power Supply (RPS)**

### **A2D** LED DMX Power Unit













	# 0	
Model	channels	Finish

	ass 2 output DMX LED power unit ass 2 output DMX LED power unit	4 8	вк	Black
<b>A2D40</b> 4 x 75W Clo	ass 2 output DMX LED power unit	8		

Example: A2D20-BK

### **FINISHES**

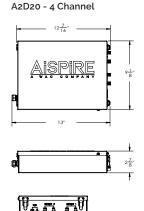


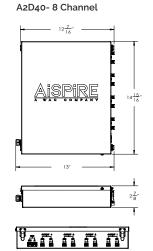
### **FEATURES**

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

**LINE DRAWING** 

UL Damp loctation listed





### **INPUT**

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

### **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 **Diming 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°F (-20°C - 45°C)

### **SAFETY & EMC**

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

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