

# ALPINE RPS 2IN MULTIPLES

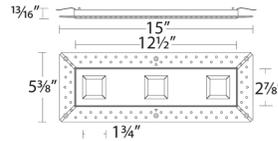
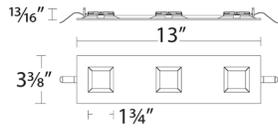
## 3 LIGHT PINHOLE



Trim



Trimless



### FINISHES



Black



White

Fixture Type:

Catalog Number:

Project:

Location:

### DESCRIPTION

With a smaller aperture and shallow housing height, Alpine 2 in Multiples offer performance features in a simple but versatile package for residential and commercial applications alike. The rare earth magnetic mounting makes for ease of installation and service. Universal housing can be used with trim or trimless, while delivering downlighting, adjustability, and pinhole lighting effects.

| Trim Model                            | Housing Model       | Forward Voltage | Max. Drive Current per head | Power per head | Max # of Fixture | Beam         | Color Temp | Lumens CBCP Per Head | CBCP                 | Finish       |  |
|---------------------------------------|---------------------|-----------------|-----------------------------|----------------|------------------|--------------|------------|----------------------|----------------------|--------------|--|
| A1RF-P563<br>3 Light Trim Pinhole     | A2RF-2583<br>IC     | 36V             | 250mA                       | 9W             | 1 per Channel    | Spot         | 16°        | 27 2700K<br>30 3000K | 90 625<br>660 3890   | 3890<br>4090 | BK Black<br>WT White with Black interior |
|                                       |                     |                 |                             |                |                  | Narrow Flood | 30°        | 27 2700K<br>30 3000K | 90 650<br>680 1770   | 1770<br>1865 |  |
|                                       |                     |                 |                             |                |                  | Flood        | 50°        | 27 2700K<br>30 3000K | 90 765<br>805 1105   | 1105<br>1165 |  |
| A1RF-P573<br>3 Light Trimless Pinhole | A3RF-2583<br>IC     | 18V             | 350mA                       | 6W             | 2 per Channel    | Spot         | 16°        | 27 2700K<br>30 3000K | 90 470<br>495 2865   | 2865<br>3015 |  |
|                                       |                     |                 |                             |                |                  | Narrow Flood | 30°        | 27 2700K<br>30 3000K | 90 495<br>520 1385   | 1385<br>1460 |  |
|                                       |                     |                 |                             |                |                  | Flood        | 50°        | 27 2700K<br>30 3000K | 90 570<br>600 810    | 810<br>850   |  |
| A1RF-P573<br>3 Light Trimless Pinhole | A2RF-1583<br>Non-IC | 36V             | 350mA                       | 13W            | 1 per Channel    | Spot         | 16°        | 27 2700K<br>30 3000K | 90 825<br>865 5150   | 5150<br>5420 |  |
|                                       |                     |                 |                             |                |                  | Narrow Flood | 30°        | 27 2700K<br>30 3000K | 90 865<br>910 2340   | 2340<br>2465 |  |
|                                       |                     |                 |                             |                |                  | Flood        | 50°        | 27 2700K<br>30 3000K | 90 1035<br>1090 1500 | 1500<br>1575 |  |
| A1RF-P573<br>3 Light Trimless Pinhole | A3RF-1583<br>Non-IC | 18V             | 500mA                       | 9W             | 2 per Channel    | Spot         | 16°        | 27 2700K<br>30 3000K | 90 640<br>675 3940   | 3940<br>4145 |  |
|                                       |                     |                 |                             |                |                  | Narrow Flood | 30°        | 27 2700K<br>30 3000K | 90 685<br>720 1915   | 1915<br>2020 |  |
|                                       |                     |                 |                             |                |                  | Flood        | 50°        | 27 2700K<br>30 3000K | 90 790<br>830 1120   | 1120<br>1170 |  |

Example: A1RF-P573-WT

### FEATURES

- AISPIRE remote power supply (RPS) compatible, sold separately
- Refined 2" aperture and shallow <4" housing
- Adjustable LED light engine included with housing:  
Vertical adjustment 0-40°, Horizontal adjustment 0-360°
- Rare earth magnetic light engine mounting
- Accommodates accessory optical film and one lens or honeycomb louver
- Universal housing can be used with trim and trimless options
- Each light engine can be independently controlled
- 5 year warranty

### SPECIFICATIONS

|                                     |   |
|-------------------------------------|---|
| <b>Construction:</b>                | Die-cast aluminum trim and light engine. Steel housing.                             |
| <b>Input:</b>                       | Class 2 Low Voltage, DC Power   |
| <b>Remote Power Supplies (RPS):</b> | A2D20-BK A2D40-BK. Reference compatible RPS specifications for further requirements |
| <b>Dimming:</b>                     | Refer to RPS specifications for protocol and compatibility                          |
| <b>Light Source:</b>                | High output 3-step Mac Adam Ellipse COB<br>Rated life of 50,000 hrs                 |
| <b>Mounting:</b>                    | Accommodates 1/2"-1" ceiling thickness  |
| <b>Finish:</b>                      | Electrostatically powder coated White, Black.                                       |
| <b>Operating temp:</b>              | -4°F to 104°F (-20°C to 40°C)   |
| <b>Standards:</b>                   | UL & cUL, Wet Location listed.  |

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Phone (800) 526.2588  
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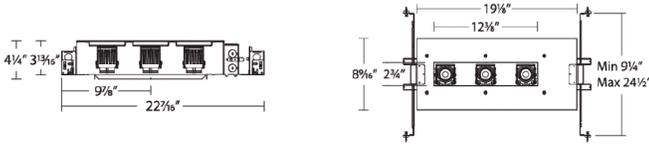
Western Distribution Center  
1750 Archibald Avenue  
Ontario, CA 91760

# ALPINE RPS 2IN MULTIPLES

## 3 LIGHT PINHOLE



Housings (Order Trim Separately)



Fixture Type: \_\_\_\_\_

Catalog Number: \_\_\_\_\_

Project: \_\_\_\_\_

Location: \_\_\_\_\_

| Model    | Forward Voltage | Max. Drive Current per Head | Power per Head | Rating | Max # of Heads per Channel | Heads            | Beam   | Color Temp                         | CRI |
|----------|-----------------|-----------------------------|----------------|--------|----------------------------|------------------|--|------------------------------------|-----|
| A2RF-258 | 36V             | 250mA                       | 9W             | IC     | 1 per Channel              | <b>3</b> 3 Light | <b>S</b> 16°<br><b>N</b> 30°<br><b>F</b> 50° | <b>27</b> 2700K<br><b>30</b> 3000K | 90  |
| A2RF-158 | 36V             | 350mA                       | 13W            | Non-IC | 1 per Channel              |                  |  |                                    |     |
| A3RF-258 | 18V             | 350mA                       | 6W             | IC     | 2 per Channel              |                  |  |                                    |     |
| A3RF-158 | 18V             | 500mA                       | 9W             | Non-IC | 2 per Channel              |                  |  |                                    |     |

Example: **A2RF-1583N-27**

### ACCESSORIES

Each light engine accommodates accessory optical film and one lens or honeycomb louver

#### ACCESSORY HOLDER sold separately

|             |   |
|-------------|---|
| LENS-11-HLD | Required for use with any lens or accessory |
|-------------|---|

#### GLARE CONTROL ACCESSORIES sold separately

|             |             |
|-------------|-------------|
| LENS-11-HCL | LENS-11-HCL |
|-------------|-------------|

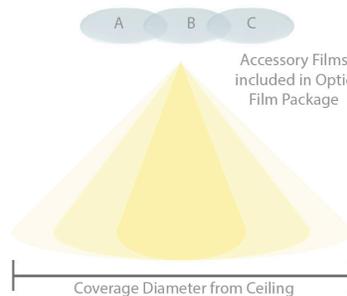
#### LENS ACCESSORIES sold separately

|         |     |                 |
|---------|-----|-----------------|
| LENS-11 | AMB | Amber           |
|         | RED | Red             |
|         | FR  | Frosted         |
|         | SPR | Spread          |
|         | BEL | Beam Elongating |

#### ACCESSORY OPTIC FILMS sold separately

| MT-2-FILM                                      |  |
|--|--|
| Optic Film Package: includes 3 films (A, B, C) |  |
| LENS-11-HLD Required (sold separately)         |  |

| Primary Optic | Accessory Film | Resulting Beam |
|---------------|----------------|----------------|
| S (16°)       | A              | 25°            |
| S (16°)       | B              | 45°            |
| S (16°)       | C              | 55°            |
| N (30°)       | A              | 35°            |
| N (30°)       | B              | 55°            |
| N (30°)       | C              | 65°            |
| F (50°)       | A              | 52°            |
| F (50°)       | B              | 70°            |
| F (50°)       | C              | 80°            |



#### COVERAGE DIAMETER FROM 8' CEILING IN FEET

| Primary Optic | No Film | + Film A | + Film B | + Film C |
|---------------|---------|----------|----------|----------|
| Spot          | 2'      | 3.5'     | 6.5'     | 8.5'     |
| Narrow        | 4.5'    | 5'       | 8.5'     | 10'      |
| Flood         | 7.5'    | 8'       | 11'      | 13.5'    |

#### COVERAGE DIAMETER FROM 8' CEILING IN FEET

| Primary Optic | No Film | + Film A | + Film B | + Film C |
|---------------|---------|----------|----------|----------|
| Spot          | 3'      | 4.5'     | 8.5'     | 10.5'    |
| Narrow        | 5.5'    | 6.5'     | 10.5'    | 12.5'    |
| Flood         | 9.5'    | 10'      | 14'      | 17'      |

Above charts represent beam distribution only. Footcandle values should be considered in addition to meet project requirements.

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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



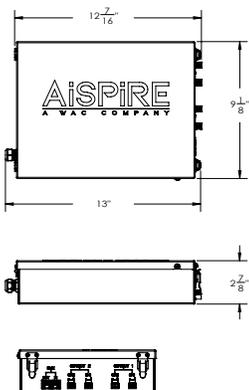
Black

### FEATURES

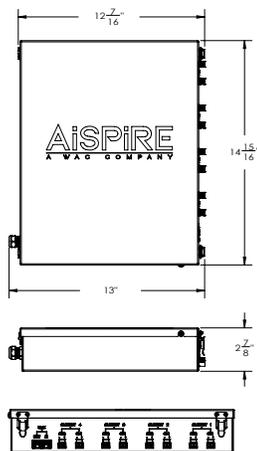
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

### LINE DRAWING

A2D20 - 4 Channel



A2D40 - 8 Channel



### INPUT

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Voltage Range:</b>             | 120VAC          |
| <b>Frequency Range:</b>           | 50/60Hz         |
| <b>Power Factor:</b>              | 0.99 @100VAC    |
| <b>THD:</b>                       | <15% @full load |
| <b>Current:</b>                   | 0.9A @100VAC    |
| <b>Standby Power Consumption:</b> | <0.5w           |

### OUTPUT

|                            |  |
|----------------------------|--|
| <b>LED Channels:</b>       | APD20-BK: 4 Channels<br>APD40-BK: 8 Channels   |
| <b>Selectable Current:</b> | 250mA, 300mA, 350mA, 400mA, 450mA, 500mA, 600mA, 700mA, 800mA, 900mA, 1A, 1.1A, 1.2A, 1.3A, 1.4A, 1.5A |
| <b>DC Voltage Range:</b>   | 6-48VDC  |
| <b>Current Tolerance:</b>  | ± 3%   |
| <b>Rated Power:</b>        | 72W per channel<br>75W max (per 2-channel output)  |

### CONTROL

|                          |                               |
|--------------------------|-------------------------------|
| <b>Control Protocol:</b> | DMX 512-A, DMX 512            |
| <b>Diming Range:</b>     | 0%-100%                       |
| <b>Control Input:</b>    | DMX RJ45                      |
| <b>Dimming Curve:</b>    | 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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