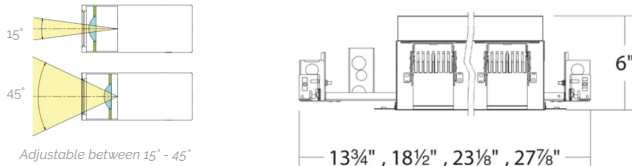


# Adjusto RPS Multiples

## A2RG, A3RG Trimless



### DESCRIPTION

Retractable, adjustable spot lights

### FEATURES

- AISPIRE remote power supply (RPS) compatible, sold separately
- Continuously adjustable beam angle between 15° and 45°
- 365° horizontal rotation and 180° vertical aiming
- Independently adjustable and retractable heads
- Accommodates one lens and glare control accessory
- 5 year warranty

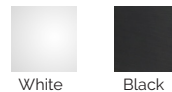
Fixture Type:

Catalog Number:

Project:

Location:

### FINISHES



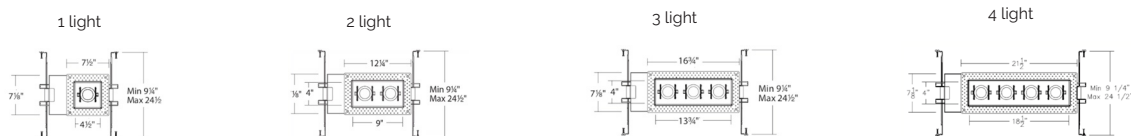
### SPECIFICATIONS

|                                     |                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Construction:</b>                | Die-cast aluminum with rotatable front face. Steel housing and trim.                                 |
| <b>Input Power:</b>                 | Class 2 Low Voltage, DC Power<br>See Fixture Configuration table below.                              |
| <b>Remote Power Supplies (RPS):</b> | <b>A2D20-BK</b> · <b>A2D40-BK</b> . Reference compatible RPS specifications for further requirements |
| <b>Dimming:</b>                     | Refer to RPS specifications for protocol and compatibility                                           |
| <b>Light Source:</b>                | High output COB LED rated life of 50,000 hours.                                                      |
| <b>Finish:</b>                      | Electrostatically Powder coated black and white                                                      |
| <b>Ceiling Thickness:</b>           | 1/2" - 1"                                                                                            |
| <b>Standards:</b>                   | UL & cUL Damp location listed, Airtight                                                              |
| <b>Operating Temp:</b>              | -4°F to 104°F (-20°C to 40°C)                                                                        |

| Model           | Forward Voltage | Max. Drive Current per head | Power per head | Rating | Max Heads per Channel | Heads             | Color Temp      | CRI | Beam | Lumens per Head<br>*Ref. Output | CBCP per Head<br>*Ref. Output | Finish (Trim/Interior)  |
|-----------------|-----------------|-----------------------------|----------------|--------|-----------------------|-------------------|-----------------|-----|------|---------------------------------|-------------------------------|-------------------------|
| <b>A2RG-257</b> | 36V             | 250mA                       | 8W             | IC     | 1 per Channel         | <b>1D</b> 1 light |                 |     |      |                                 |                               |                         |
| <b>A2RG-157</b> | 36V             | 350mA                       | 12W            | Non-IC | 1 per Channel         | <b>2D</b> 2 light | <b>27</b> 2700K | 90  | 15°  | 580                             | 2520                          | <b>WTWT</b> White/White |
| <b>A3RG-257</b> | 18V             | 400mA                       | 6.5W           | IC     | 2 per Channel         | <b>3D</b> 3 light | <b>30</b> 3000K | 90  | 45°  | 900                             | 1505                          | <b>WTBK</b> White/Black |
| <b>A3RG-157</b> | 18V             | 600mA                       | 10W            | Non-IC | 2 per Channel         | <b>4D</b> 4 light |                 |     |      |                                 |                               |                         |

Example: **A2RG-1572D-27WTBK**

\*Reference output is 3000K at **A2RG-157** (36V Non-IC). Reference photometric performance on next page for other combinations.



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# Adjsuto RPS Multiples

## A2RG, A3RG *Trimless*

### PHOTOMETRIC PERFORMANCE (PER HEAD):

| Model          | Forward Voltage | Max. Drive Current per head | Power per head | Rating | Max Heads per Channel | Color Temp      | CRI | Beam       | Lumens per Head | CBCP per Head |
|----------------|-----------------|-----------------------------|----------------|--------|-----------------------|-----------------|-----|------------|-----------------|---------------|
| <b>A2RG-25</b> | 36V             | 250mA                       | 8W             | IC     | 1 per Channel         | <b>27</b> 2700K | 90  | 15°<br>45° | 415<br>635      | 1790<br>1065  |
|                |                 |                             |                |        |                       | <b>30</b> 3000K |     | 15°<br>45° | 435<br>670      | 1885<br>1120  |
| <b>A2RG-15</b> | 36V             | 350mA                       | 12W            | Non-IC | 1 per Channel         | <b>27</b> 2700K | 90  | 15°<br>45° | 550<br>855      | 2395<br>1430  |
|                |                 |                             |                |        |                       | <b>30</b> 3000K |     | 15°<br>45° | 580<br>900      | 2520<br>1505  |
| <b>A3RG-25</b> | 18V             | 400mA                       | 6.5W           | IC     | 2 per Channel         | <b>27</b> 2700K | 90  | 15°<br>45° | 335<br>520      | 1555<br>910   |
|                |                 |                             |                |        |                       | <b>30</b> 3000K |     | 15°<br>45° | 350<br>545      | 1635<br>955   |
| <b>A3RG-15</b> | 18V             | 600mA                       | 10W            | Non-IC | 2 per Channel         | <b>27</b> 2700K | 90  | 15°<br>45° | 485<br>755      | 2255<br>1330  |
|                |                 |                             |                |        |                       | <b>30</b> 3000K |     | 15°<br>45° | 510<br>795      | 2370<br>1400  |

ACCOMMODATES ONE LENS ACCESSORY AND ONE GLARE CONTROL ACCESSORY

#### FLAT LENS

|       |                    |
|-------|--------------------|
| Amber | <b>LENS-16-AMB</b> |
| Blue  | <b>LENS-16-BLU</b> |
| Green | <b>LENS-16-GRN</b> |
| Red   | <b>LENS-16-RED</b> |

#### FLAT LENS

|                 |                    |
|-----------------|--------------------|
| Frosted         | <b>LENS-16-FR</b>  |
| Spread          | <b>LENS-16-SPR</b> |
| Beam Elongating | <b>LENS-16-BEL</b> |

#### GLARE CONTROL

|                      |                         |
|----------------------|-------------------------|
| Cross louver - Black | <b>LENS-16P-CRL-BK</b>  |
| Cross louver - White | <b>LENS-16P-CRL-WT</b>  |
| Snoot - Black        | <b>LENS-16-SNOOT-BK</b> |
| Snoot - White        | <b>LENS-16-SNOOT-WT</b> |
| Honey Comb Louver    | <b>LENS-16-HCL</b>      |

# 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



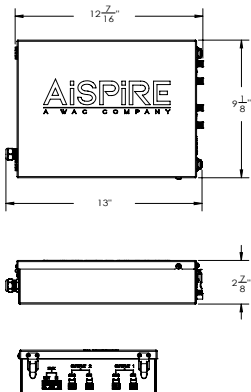
Black

### FEATURES

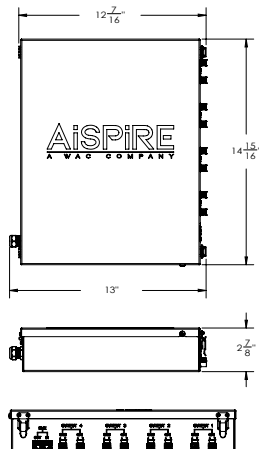
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

### 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<br>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<br>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°C (-20°F - 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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