WR Type
IP67 Wet Rated Flexible Linear

Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

Custom Lengths
Preassembled up to ≤ 32 ft. (384 in)*
Regulated by class 2 circuit limitations
Refer to driver data sheet for max lengths

IP67
Wet Location

Made in the USA
Fabricated with high quality material

*Upto Class 2 Max

Select Output & Color Temperature

Determine required lengths

Custom Lengths
Preassembled up to ≤ 32 ft. (384 in)*
Regulated by class 2 circuit limitations
Refer to driver data sheet for max lengths

IP67
Wet Location

Made in the USA
Fabricated with high quality material

*Upto Class 2 Max

Includes
#WR-MK Mounting Clips & Screws

Compatible With
#WR-MT Mounting Tape (Indoor, Sealed Surfaces)
-Or-
Clear Silicone (Outdoor, Porous Surfaces)

Tested as suitable for use within clothing closet spaces by ETL/Intertek

Must be installed in accordance with NEC 410.16 for use in clothing closet spaces
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply). Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility. Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

90+ CRI White
Single Bin

UL Class 2
IP67 Wet Location
Custom Cut to Fit, Field Trimmable
50,000 Hour Minimum Lifespan

Requires:
Aion LED Driver & Approved Controller
-Sold Separately, Not Included

Tested as suitable for use within clothing closet spaces by ETL/ Intertek
Must be installed in accordance with NEC 410.16 for use in clothing closet spaces
8924-RGBW-WR
Color Tuning

REQUIRES D100-X4 DRIVER, DMX CONTROLLER AND 800-SERIES HOUSING - Sold Separately, Not Included

8924-RGBW-LE,
High Output/ 4 Channel
(Common+)

5.8W/ ft. Discrete LEDs:
Red, Green, Blue & White

MIN. Increment:
4 in.

MAX. Increment:
15 ft.
**X4**  
4 Channel DMX Driver

Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

- Dimmer not included.  Approved dimmers, controls, power supplies, cable, & other components only.  Contact Aion LED for questions regarding compatibility.
- Electrician installed. Strictly adhere to NEC & local building code.  Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

---

**MODEL**  
D100-X4

<table>
<thead>
<tr>
<th><strong>CASE</strong></th>
<th><strong>WATTAGE</strong></th>
<th><strong>DIMENSIONS (L-W-H)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>DRY &amp; DAMP</td>
<td>96W @ 24 VDC</td>
<td>9.06 x 3.15 x 1.18&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>INPUT VOLTAGE (Hz)</strong></th>
<th><strong>INRUSH CURRENT</strong></th>
<th><strong>INPUT CURRENT</strong></th>
<th><strong>POWER FACTOR</strong></th>
<th><strong>THERMAL CLASS</strong></th>
<th><strong>VOLTAGE LOADED</strong></th>
<th><strong>VOLTAGE OPEN</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>100-277 VAC, 60HZ</td>
<td>120 VAC: 35A 240μs</td>
<td>120 VAC: 1.05A 277 VAC: 0.45A</td>
<td>&gt;0.94</td>
<td>(B) 130 C</td>
<td>23.5 VDC</td>
<td>24.2 VDC</td>
</tr>
</tbody>
</table>

---

4 Channel DMX Driver

- Integrated Class 2 Supply
- LCD interface
- Universal 100-277VAC Input
- UL, CE, & CSA APPROVED
- Requires UL Listed Enclosure
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

REQUIRES DMX CONTROLLER & CONTROL WIRE DAISY-CHAIN

DMX Signal Requires Belden 9841 Wire or CAT5/ CAT6

INPUT POWER 100-277 VAC

OUTPUT POWER 24V DC, 24W x 4 CH

BLACK = COMMON POS+
RED, GREEN, BLUE, YELLOW = NEG-

FIXTURE LOAD:
Requires 5 conductor cable
BLACK = COMMON POS+
RED, GREEN, BLUE, YELLOW = NEG-

AC INPUT:
LINE (BLK) NEUTRAL (WHT) GROUND (GRN)

FACTORY WIRE HARNESS

INSTALL PER NEC
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by:
inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate *Aion LED Warranty Terms* & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

**INSTALLATION INSTRUCTIONS**

1. Install per NEC and Local code by qualified personnel

2. Requires UL Listed enclosure with adequate ventilation

3. Strain-relief wiring to enclosure to prevent wires from pulling out

4. Wire AC power with 18AWG power wire

5. Ensure that jacket goes all the way into connector

6. Connect DMX controller to ‘DMX in’ on first unit with Belden 9841 DMX wire (plus, minus, shield) -or- shielded CAT5/6

7. Daisy chain additional units from ‘DMX out’ to ‘DMX in’ of following unit with Belden 9841 cable -or- shielded CAT5/6

8. Terminate only the final unit in DMX chain via programming interface

9. Each driver is pre-programmed from factory Do not change settings

10. Wire fixture to wire harness with wire nuts [R, G, B, Y, DC+ (Black)]
Ensure all wiring is correct and properly terminated

Factory Programmed. Ships with Default Settings Below

**USER MENU**

- **M**  
  DMX Address = 1 Default

- **M**  
  Network Resolution = 8 bit

- **M**  
  Term = No  
  terminate final driver in chain

- **M**  
  Network Set = Manual

- **M**  
  Interpolation = Color

**TO ACCESS OUTPUT MENU**

- **M**  
  Hold for 0.5 seconds  
  LED = RGBW

- **M**  
  External Input = OFF

- **M**  
  Dim Curve = Log

**TO ACCESS MODE MENU**

- **M**  
  Hold for 3 seconds  
  SET MODE = DMX

**TO LOCK/ UNLOCK MODE MENU**

- **M**  
  +  
  Hold for 3 seconds, then select (+) or (-) to lock or unlock

---

Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply). Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.
## AX5-4
Compact DMX Controller

AX5 ships pre-programmed to factory default settings per application

Standard Decora™ Mounting

Optional programming software, USB interface & remote control available

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

<table>
<thead>
<tr>
<th>MODEL</th>
<th>AX5-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMENSIONS</td>
<td>1.8 x 1.8 x 4.1&quot;</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>2.9 oz</td>
</tr>
<tr>
<td>POWER</td>
<td>2- POSITION SPRING CLIP TERMINAL</td>
</tr>
<tr>
<td>DMX PORT</td>
<td>3- POSITION REMOVABLE TERMINAL BLOCK</td>
</tr>
<tr>
<td>INPUT</td>
<td>24 VDC</td>
</tr>
</tbody>
</table>
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

AX5 ships pre-programmed to factory default settings per application.

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Required D12-M-24 Power Supply

Default programming subject to change without notice.

AX5-4 WIRING DIAGRAM

Up: White 22/24/27/30/35/40/55
Down: White 55/40/35/30/27/24/22
RGBW Fade: Slow/ Med/ Fast
Static Colors: Color/ Pastel White
Off

AX5 ships pre-programmed to factory default settings per application.

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

Default programming subject to change without notice.

AX5-4 WIRING DIAGRAM

Up: White 22/24/27/30/35/40/55
Down: White 55/40/35/30/27/24/22
RGBW Fade: Slow/ Med/ Fast
Static Colors: Color/ Pastel White
Off

AX5 ships pre-programmed to factory default settings per application.

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

Default programming subject to change without notice.

AX5-4 WIRING DIAGRAM

Up: White 22/24/27/30/35/40/55
Down: White 55/40/35/30/27/24/22
RGBW Fade: Slow/ Med/ Fast
Static Colors: Color/ Pastel White
Off

AX5 ships pre-programmed to factory default settings per application.

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

Default programming subject to change without notice.

AX5-4 WIRING DIAGRAM

Up: White 22/24/27/30/35/40/55
Down: White 55/40/35/30/27/24/22
RGBW Fade: Slow/ Med/ Fast
Static Colors: Color/ Pastel White
Off

AX5 ships pre-programmed to factory default settings per application.

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

Default programming subject to change without notice.

AX5-4 WIRING DIAGRAM

Up: White 22/24/27/30/35/40/55
Down: White 55/40/35/30/27/24/22
RGBW Fade: Slow/ Med/ Fast
Static Colors: Color/ Pastel White
Off

AX5 ships pre-programmed to factory default settings per application.

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

Default programming subject to change without notice.
Low-Voltage Class 2/3 Power Cable
by Aion LED
Dynamic Color System

Fixture Power Lead

<table>
<thead>
<tr>
<th>FIXTURE POWER LEAD</th>
<th>WHITE JACKET</th>
<th>BLACK JACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; power lead</td>
<td>RGBW-A12</td>
<td>RGBWB-A12</td>
</tr>
<tr>
<td>24&quot; power lead</td>
<td>RGBW-A24</td>
<td>RGBWB-A24</td>
</tr>
<tr>
<td>48&quot; power lead</td>
<td>RGBW-A48</td>
<td>RGBWB-A48</td>
</tr>
</tbody>
</table>

Hard Wire Jumper- Recommended with WR Type & LE Applications Only

<table>
<thead>
<tr>
<th>HARD WIRED JUMPER</th>
<th>WHITE JACKET</th>
<th>BLACK JACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; Hard Wired Jumper</td>
<td>RGBW-C4</td>
<td>RGBWB-C4</td>
</tr>
<tr>
<td>12&quot; Hard Wired Jumper</td>
<td>RGBW-C12</td>
<td>RGBWB-C12</td>
</tr>
<tr>
<td>24&quot; Hard Wired Jumper</td>
<td>RGBW-C24</td>
<td>RGBWB-C24</td>
</tr>
</tbody>
</table>

5 Pin Plugs- Recommended with all AT Series Housings & Fixtures

<table>
<thead>
<tr>
<th>5 PIN JUMPER w/ disconnect</th>
<th>WHITE JACKET</th>
<th>BLACK JACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; Jumper with Disconnect</td>
<td>RGBW-BP4</td>
<td>RGBWB-BP4</td>
</tr>
<tr>
<td>12&quot; Jumper with Disconnect</td>
<td>RGBW-BP12</td>
<td>RGBWB-BP12</td>
</tr>
<tr>
<td>24&quot; Jumper with Disconnect</td>
<td>RGBW-BP24</td>
<td>RGBWB-BP24</td>
</tr>
<tr>
<td>48&quot; Jumper with Disconnect</td>
<td>RGBW-BP48</td>
<td>RGBWB-BP48</td>
</tr>
</tbody>
</table>

Patch Cord- Optional, to Extend Length

<table>
<thead>
<tr>
<th>PATCH CORD</th>
<th>WHITE JACKET</th>
<th>BLACK JACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>24&quot; M to F Extension Cord</td>
<td>BP-5FM24</td>
<td>BPB-5FM24</td>
</tr>
<tr>
<td>48&quot; M to F Extension Cord</td>
<td>BP-5FM48</td>
<td>BPB-5FM48</td>
</tr>
<tr>
<td>96&quot; M to F Extension Cord</td>
<td>BP-5FM96</td>
<td>BPB-5FM96</td>
</tr>
</tbody>
</table>

Black standard for dark bronze housings
White standard for silver housings

Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, Aion LED driver (power supply). Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility. Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate "Aion LED Warranty Terms" & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply). Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

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CONFIGURATION TYPES

Unless Otherwise Noted, Leads are 24” and Plugs are 4”. Other Lengths Available

- **CONFIGURATION 1**  
  Power Lead to Fixture  
  Default, Unless Otherwise Noted

- **CONFIGURATION 2**  
  Power Lead to Fixture with End Lead

- **CONFIGURATION 3**  
  Power Lead to Fixture with End Plug

- **CONFIGURATION 4**  
  Power Plug to Fixture with End Plug

- **CONFIGURATION 5**  
  Power Plug to Fixture

- **CONFIGURATION 6**  
  Not Compatible with Track  
  Power Lead to Fixture with Jumper to Next Fixture

- **CONFIGURATION 7**  
  Not Compatible with Track  
  Jumper to Fixture with Jumper to Next Fixture

- **CONFIGURATION 8**  
  Not Compatible with Track  
  Jumper to Fixture

A-TRACK FIXTURES

Pre-assembled: ≤ 8 ft (96 in)  
Assembly Required: > 8 ft (96 in)
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

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### Required Fixture Lengths

Please input fixture lengths/ quantity & configuration types

<table>
<thead>
<tr>
<th>ZONE</th>
<th>LENGTH</th>
<th>QUANTITY</th>
<th>CONFIGURATION TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes

Refer to Light Engine Data Sheets for Light Engine Increments.
Allow tolerance for wiring/ plugs
Fixtures up to Class 2 max. length

### Custom Lengths

Preassembled up to ≤ 15 ft. (180 in)
Regulated by class 2 circuit limitations
Refer to driver data sheets for max lengths

---

#### Signature (Required if Final Lengths)

- [ ] Final Order Lengths*
- [ ] Budgetary only, requires field verification

---

<table>
<thead>
<tr>
<th>NAME</th>
<th>LOCATION</th>
<th>SPECIFIER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POWER LEADS</th>
<th>JUMPER W/ DISCONNECT PLUGS</th>
<th>HARD WIRED JUMPERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGBW-A96 White</td>
<td>RGBW-BP4 White</td>
<td>RGBW-C4 White</td>
</tr>
<tr>
<td>RGBWB-A96 Black</td>
<td>RGBWB-P4 Black</td>
<td>RGBWB-C4 Black</td>
</tr>
<tr>
<td>RGBW-A Custom</td>
<td>RGBW-P Custom</td>
<td>RGBW-C Custom</td>
</tr>
</tbody>
</table>

**Reference Leads & Plugs Configuration Types Page**

---

<table>
<thead>
<tr>
<th>X</th>
<th>AX5</th>
<th>DYNAMIC TUNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMX, 4 CHANNEL</td>
<td>DMX CONTROLLER</td>
<td>MODULE &amp; IOS APP</td>
</tr>
<tr>
<td>D100-X4</td>
<td>AX5-4</td>
<td>DTM</td>
</tr>
<tr>
<td>D12-M</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*All dimensions are approximate. LED module size will vary based on configuration.

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Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

Colors

- Violet
- Indigo
- Blue
- Green
- Amber
- Red

UL Class 2
IP67 Wet Location
Custom Cut to Fit, Field Trimmmable
50,000 Hour Minimum Lifespan

Requires:
Aion LED Driver & Approved Controller
-Sold Separately, Not Included

Tested as suitable for use within clothing closet spaces by ETL/ Intertek

Must be installed in accordance with NEC 410.16 for use in clothing closet spaces
7024-RGB-WR
Mid Output Color Tuning

MIN. INCREMENT = 4"
For Maximum length see individual driver pages
4.4W/ ft. TRI-COLOR (3 IN 1) LEDs:
RED, GREEN & BLUE

5024-RGB-WR
Standard Output Color Tuning

MIN. INCREMENT = 8"
For Maximum length see individual driver pages
2.2W/ ft. TRI-COLOR (3 IN 1) LEDs:
RED, GREEN & BLUE
X3
3 Channel DMX Driver

Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).
Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by:
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MODEL D100-X3
CASE DRY & DAMP DIMENSIONS (L-W-H) 9.06 x 3.15 x 1.18"
WATTAGE 96W @ 24 VDC PRIMARY BREAKER AUTO-RESET
INPUT VOLTAGE (Hz) 100-277 VAC, 60HZ DIMMING 0.1%
INRUSH CURRENT 120 VAC: 35A 240μs 277 VAC: 75A 240μs CONTROL TYPE Aion LED AX5-3 Controller, DTM or 3rd Party DMX Interface
INPUT CURRENT 120 VAC: 1.05A 277 VAC: 0.45A 3RD PARTY DMX COMPATIBILITY Lutron, Vantage, Crestron, ETC AMX (ANY DMX)
POWER FACTOR >0.94 THERMAL CLASS (B) 130 C
VOLTAGE LOADED 23.5 VDC MAX FEET 7024-RGB 20
VOLTAGE OPEN 24.2 VDC MAX FEET 5024-RGB 35

3 Channel DMX Driver
Integrated Class 2 Supply
LCD interface
Universal 100-277VAC Input
UL, CE, & CSA APPROVED
Requires UL Listed Enclosure
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

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REQUIRES DMX CONTROLLER & CONTROL WIRE DAISY-CHAIN

FIXTURE LOAD:
Requires 4 conductor cable
BLACK = COMMON POS+
RED, GREEN, BLUE = NEG-

AC INPUT:
LINE (BLK) NEUTRAL (WHT) GROUND (GRN)

INSTALL PER NEC

AC NEUTRAL WHT
AC LINE BLK
GROUND GRN
DC+
DC-
DC+ BLK
DC-
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

**INSTALLATION INSTRUCTIONS**

1. Install per NEC and Local code by qualified personnel
2. Requires UL Listed enclosure with adequate ventilation
3. Stain-relief wiring to enclosure to prevent wires from pulling out
4. Wire AC power with 18AWG power wire
5. Ensure that jacket goes all the way into connector
6. Connect DMX controller to ‘DMX in’ on first unit with Belden 9841 DMX wire (plus, minus, shield) -or- shielded CAT5
7. Daisy chain additional units from ‘DMX out’ to ‘DMX’ of following unit with Belden 9841 cable -or- shielded CAT5
8. Terminate only the final unit in DMX chain via programming interface
9. Each driver is pre-programmed from factory Do not change settings
10. Wire fixture to wire harness with wire nuts [R, G, B, DC+ (Black)]
Ensure all wiring is correct and properly terminated

**Factory Programmed.** Ships with Default Settings Below

### USER MENU

- **DMX Address = 1 Default**
- **Network Resolution = 8 bit**
- **Term = No**
  - terminate final driver in chain
- **Network Set = Manual**
- **Interpolation = Color**

### TO ACCESS OUTPUT MENU

- **Hold for 0.5 seconds**
  - LED = RGB
- **External Input = OFF**
- **Dim Curve = Log**

### TO LOCK/UNLOCK MODE MENU

- **Hold for 3 seconds, then select (+) or (-) to lock or unlock**

### TO ACCESS MODE MENU

- **Hold for 3 seconds**
  - SET MODE = DMX
AX5-3
Compact DMX Controller

AX5 ships pre-programmed to factory default settings per application

Standard Decora™ Mounting

Optional programming software, USB interface & remote control available

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

**MODEL**

**AX5-3**

**DIMENSIONS (L-W-H)**

1.8 x 1.8 x 4.1"

**WEIGHT**

2.9 oz

**POWER**

2- POSITION SPRING CLIP TERMINAL

**DMX PORT**

3- POSITION REMOVABLE TERMINAL BLOCK

**INPUT**

24 VDC

Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply). Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.
Component of a complete system including: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply).

Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility.

Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by:

- inadequate ventilation
- field modifications
- installation by unqualified personnel
- unapproved controls, drivers, cabling, other devices
- not following installation guidelines & protocol
- general negligence

Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.

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**DEFAULT PROGRAMMING**

Static Colors: Color/ Pastel White
RGB Fade: Slow/ Med/ Fast
Dim Up
Dim Down
Off

**AX5 ships pre-programmed to factory default settings per application**

Requires Approved DMX Signal Cable, Including Belden 9841 -Sold Separately

Requires D12-M-24 Power Supply

Default programming subject to change without notice

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**AX5-3 WIRING DIAGRAM**

![Wiring Diagram](image-url)

Building Power

100-277 VAC
dedicated circuit

22/ - 18/2
24 VDC

AX5 ships pre-programmed to factory default settings per application

Requires Approved DMX Signal Cable, Including Belden 9841 - Sold Separately

Requires D12-M-24 Power Supply

Default programming subject to change without notice