A-TRACK HOUSING FAMILY
Semi-Custom to Meet Your Needs

Semi-Custom
Offered in a variety of shapes and sizes and endless customizable options

End to End Connectivity
Using our patent pending coupling mounting clips, A-Track offers an elegant solution no matter how short or long your fixture needs to be

Made in the USA
Fabricated of high quality American aluminum and premium optic diffuser lenses

Custom Lengths
Pre-assembled: ≤ 8 ft (96 in)
Assembly Required: > 8 ft (96 in)

See separate installation instructions

Patent Pending - MADE IN USA

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
Customization Options
AT-Series A-Track fixtures are semi custom and made to order. If you need an additional option or feature- please contact Aion LED to discuss

<table>
<thead>
<tr>
<th>Profile</th>
<th>Lens</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Frosted</td>
<td>Anodized Silver</td>
</tr>
<tr>
<td>Deep</td>
<td>Clear</td>
<td>Anodized Dark Bronze</td>
</tr>
<tr>
<td>45° Asymmetrical</td>
<td>Prismatic</td>
<td>Custom Color</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Feed</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Clips</td>
<td>End</td>
<td>Custom pre-cut</td>
</tr>
<tr>
<td>Pivot Mounting Clips</td>
<td>Rear</td>
<td></td>
</tr>
<tr>
<td>HD Adhesive backing</td>
<td>Side</td>
<td>Field Cuttable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wiring</th>
<th></th>
<th>Tested as suitable for use within clothing closet spaces by ETL/ Intertek</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” Leads</td>
<td></td>
<td>Must be installed in accordance with NEC 410.16 for use in clothing closet spaces</td>
</tr>
<tr>
<td>48” Leads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Custom length leads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M/F Disconnect Plugs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color: White/ Black</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AT Series A-Track orders include: A -Track housing, lens, end caps, end cap screws, wire grommets & mounting clips
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.

AT801
Standard Profile

Dimensions

Accessories

Compatibility

Direct View
Indirect View

None
8924-CT3022-LE

AT802
Deep Profile

Dimensions

Accessories

Compatibility

Direct View
Indirect View

8924-CT3022-LE
8924-CT3022-LE
AT845
45° Asymmetrical Angle Profile

Dimensions

Accessories

Compatibility
Direct View
Indirect View

None
8924-CT3022-LE

Power Leads & Plugs Orientation Options
If an orientation isn’t selected, AT845 Fixtures will be delivered unassembled

OPTION A
Down, Left
Up, Right

OPTION B
Up, Left
Down, Right
Aion LED lenses are UV stabilized and won’t yellow in direct sunlight.

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**Frosted**
- Widest Angle
- Mid-Transmittance
- 100% Diffusion

See direct view for compatible light engines.

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**Prismatic**
- Wider Angle
- High Transmittance
- Mid Range Diffusion

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**Clear**
- Wide Angle
- Maximum Transmittance
- Zero Diffusion

Clear lens is recommended for indirect applications.
High Rendering Warm White
Dynamic White

22 2150K • 95+ CRI
24 2350K • 95+ CRI
27 2650K • 95+ CRI
30 2950K • 95+ CRI

Requires: Aion LED Driver, Approved Controller, AT, WT or ST Series Housing -Sold Separately, Not Included

UL Class 2
IP20 Dry Location
Custom Cut To Fit
50,000 Hour Minimum Lifespan

Tested as suitable for use within clothing closet spaces by ETL/ Intertek
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8924-CT3022-LE
High Rendering Warm White Light Engine

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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PHOTOMETRICS PER CHANNEL

<table>
<thead>
<tr>
<th></th>
<th>@2150K</th>
<th>@2950K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Lumens</td>
<td>126.64</td>
<td>206.60</td>
</tr>
<tr>
<td>Input Power (W)</td>
<td>2.26</td>
<td>2.82</td>
</tr>
<tr>
<td>Efficacy</td>
<td>56.80</td>
<td>79</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>94</td>
<td>92</td>
</tr>
<tr>
<td>R9</td>
<td>71.30</td>
<td>68.06</td>
</tr>
<tr>
<td>Input Voltage (VDC)</td>
<td></td>
<td>24.00</td>
</tr>
<tr>
<td>Input Current (Amp)</td>
<td>0.09</td>
<td>0.11</td>
</tr>
<tr>
<td>Correlated Color Temperature (K)</td>
<td>2170</td>
<td>2958</td>
</tr>
<tr>
<td>Rated Lifetime</td>
<td></td>
<td>50,000 Hours</td>
</tr>
</tbody>
</table>

UL Class 2
IP20 Dry Location
Custom Cut To Fit
50,000 Hour Minimum Lifespan

2 Channel Fixture
CH 1: 3000K ~2.8W/ft.
CH 2: 2150K ~2.8W/ft.
MIN. Increment: 2 in.
MAX. Increment: (2x) 8ft.*, 16ft.**
X2
2 Channel DMX Driver

2 Channel DMX Driver
Integrated Class 2 Supply

LCD interface
Universal 100-277VAC Input
UL, CE, & CSA APPROVED

Requires UL Listed Enclosure

MODEL
D100-X2

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 AX5-2 Controller 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 8924-CT3022
(2) 8 ft.
(1) 16 ft.*

VOLTAGE OPEN
24.2 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).
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AX5-2
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>AX5-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMENSIONS (L-W-H)&quot;</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>

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## Aion LED

Low-Voltage Class 2/3 Power Cable
Dynamic White 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>CT-A12</td>
<td>CTB-A12</td>
</tr>
<tr>
<td>24&quot; power lead</td>
<td>CT-A24</td>
<td>CTB-A24</td>
</tr>
<tr>
<td>48&quot; power lead</td>
<td>CT-A48</td>
<td>CTB-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>CT-C4</td>
<td>CTB-C4</td>
</tr>
<tr>
<td>12&quot; Hard Wired Jumper</td>
<td>CT-C12</td>
<td>CTB-C12</td>
</tr>
<tr>
<td>24&quot; Hard Wired Jumper</td>
<td>CT-C24</td>
<td>CTB-C24</td>
</tr>
</tbody>
</table>

### 3 Pin Plugs- Recommended with all AT Series Housings & Fixtures

<table>
<thead>
<tr>
<th>3 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>CT-BP4</td>
<td>CTB-BP4</td>
</tr>
<tr>
<td>12&quot; Jumper with Disconnect</td>
<td>CT-BP12</td>
<td>CTB-BP12</td>
</tr>
<tr>
<td>24&quot; Jumper with Disconnect</td>
<td>CT-BP24</td>
<td>CTB-BP24</td>
</tr>
<tr>
<td>48&quot; Jumper with Disconnect</td>
<td>CT-BP48</td>
<td>CTB-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

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A-TRACK FIXTURES

Pre-assembled: ≤ 8 ft (96 in)  Assembly Required: > 8 ft (96 in)

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

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 | Dynamic White | Ordering

### Name | Location | Specifier
--- | --- | ---

### Aion LED A-Track Light Engine
**AT**
- **Housing**
  - AT Series Housing
  - **Finish**: Silver (Standard-leave blank), Dark Bronze
  - **Len**: Frosted, Prismatic, Clear
- **Zone 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>
- **Available Lengths**
  - 8924
  - CT3022
  - LE

### Power Leads
**CT-A24**
- White 24"
- Custom
- **CT-BP4**
  - White
  - Black
- **CT-BP4**
  - Custom

### Jumper W/ Disconnect Plugs
**CT-C4**
- White
- Black

### Hard Wired Jumpers
**CT-C4**
- Custom

### Notes
- Refer to Light Engine Data Sheets for Light Engine Increments.
- Track is cut to exact length (1/8" tolerance)
- Allow tolerance for wiring/plugs
- Fixtures up to Class 2 max. length

### Custom Lengths
- Fully assembled up to ≤ 8 ft. (96 in).
- Fixtures > 8 ft. (96 in) may require assembly at the job site.

### Dynamic Tuner Module & iOS App
- **X**: DMX, 2 CHANNEL
- **AX5**: DMX Controller
- **DTM**: D100-X2

### Reference Leads & Plugs Configuration Types Page

### Additional Information
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### Final Order Lengths
- Final Order Lengths* (Required if Final Lengths)
- Budgetary only, requires field verification