

## ATOM LINEAR FIXTURE

The Atom Linear Fixture is designed with a compact form and precision beam angle control for indoor wall grazer applications in minimal space. It has two beam angle options, including one with a built-in honeycomb louver. Available in three lengths and six Static White CCTs (2700K-6000K), Atom fixtures are easy to install and connect.

- Three lengths:  
6W, 9 LEDs per 11.8 in. (300 mm) fixture  
12 W, 18 LEDs per 23.6 in. (600 mm) fixture  
24 W, 36 LEDs per 47.2 in. (1200 mm) fixture
- 2700K, 3000K, 3500K, 4000K, 5000K, 6000K
- Beam Angles: 25°x25°, 25°x35°  
(25°x35° uses honeycomb louver)
- Install with 180° tiltable stands
- 80+ CRI
- Dim with 0-10V, DALI, Triac
- IP40 for indoor use

### Applications:

Commercial      Museums  
Entertainment      Public Spaces



## ORDERING GUIDE

Category	Length	Glare Shield	Color Temp.	FWHM Beam Angle	Mounting Options
<b>ATOM</b>					
<b>ATOM - Atom Linear</b>	<b>12</b> - 11.8 in. / 300 mm (6 W)	<b>NS</b> - No Shield	<b>27</b> - 2700K	<b>25x25</b> - 25°x25°	<b>TS</b> - Tiltable Stand
	<b>24</b> - 23.6 in. / 600 mm (12 W)	<b>GS</b> - Glare Shield	<b>30</b> - 3000K	<b>25x35</b> - 25°x35°*	<b>SI</b> - Symmetric Clip
	<b>47</b> - 47.2 in. / 1200 mm (24 W)		<b>35</b> - 3500K		<b>QR</b> - Quick Release Clip
			<b>40</b> - 4000K	* 25°x35° with honeycomb louver	
			<b>50</b> - 5000K		
			<b>60</b> - 6000K		

### OPTIONAL ACCESSORIES:

#### 1.) Symmetric Louver:

ATOMLOUV300 (300 mm)  
ATOMLOUV600 (600 mm)  
ATOMLOUV1200 (1200 mm)

#### 3.) 2 Pin Female Cable to Bare Wire:

ATOMCBLFB300 (300 mm)  
ATOMCBLFB2000 (2000 mm)  
ATOMCBLFB6000 (6000 mm)

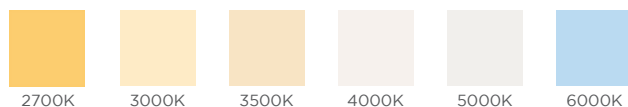
#### 2.) Asymmetric Louver:

ATOMALOUV300 (300 mm)  
ATOMALOUV600 (600 mm)  
ATOMALOUV1200 (1200 mm)

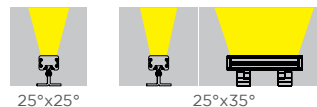
#### 4.) 2 Pin Male To Female Jumper Cable:

ATOMJUMPMF300 (300 mm)  
ATOMJUMPMF600 (600 mm)  
ATOMJUMPMF1800 (1800 mm)

## AVAILABLE COLOR TEMPERATURES

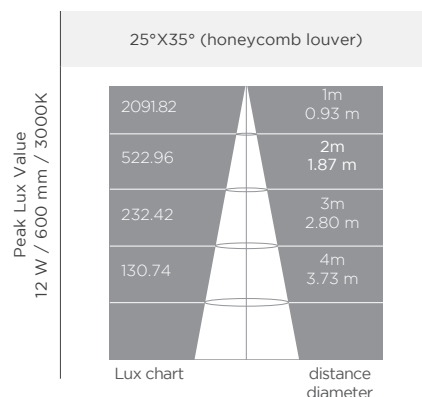
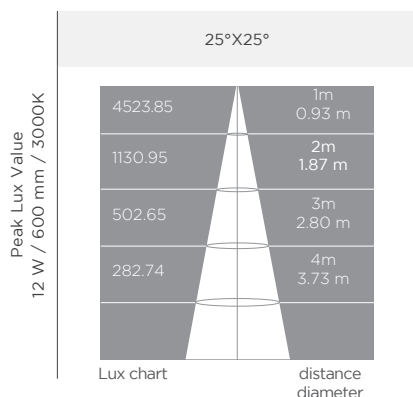


## BEAM ANGLES



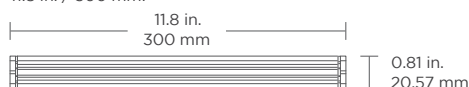
## SPECIFICATIONS / DIMENSIONS

Operating Voltage	24 V DC					
Amperage	257 mA/ft					
Length	11.8 in. / 300 mm		23.6 in. / 600 mm		47.2 in. / 1200 mm	
Power Consumption	6 W		12 W		24 W	
LEDs per Fixture	9 LEDs		18 LEDs		36 LEDs	
Max. Run Length	Up to 12 fixtures		Up to 6 fixtures		Up to 4 fixtures	
Weight	6.9 oz (0.20 kg)		13.8 oz (0.39 kg)		27.6 oz (0.78 kg)	
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6000K					
Beam Angle	25°x25°	25°x35° (honeycomb louver)	25°x25°	25°x35° (honeycomb louver)	25°x25°	25°x35° (honeycomb louver)
Lumen Output / Foot	619.56 lm/ft	378.56 lm/ft	619.56 lm/ft	378.56 lm/ft	619.56 lm/ft	378.56 lm/ft
Lumen Output / Meter	2032.16 lm/m	1241.68 lm/m	2032.16 lm/m	1241.68 lm/m	2032.16 lm/m	1241.68 lm/m
Total Lumens	609.8 lm	372.6 lm	1219.6 lm	745.2 lm	2439.2 lm	1490.4 lm
CRI	80+					
LED Binning SDCM	3-step					
Dimming Options	0-10V, Triac, DALI					
Ambient Temperature	-40° F to 122° F (-40° C to 50° C)					
Housing / Lens	Housing: Extruded Aluminum / Lens: UV Protected PMMA / Cover: Acrylic					
Connector	2 pin power connector					
Cable Length for 2 Pin Female to Bare Wire	11.81 in. (300 mm), 78.74 in. (2000 mm), 236.22 in. (6000 mm)					
Protection Rating	IP40 (Indoor only)					
UGR Rating	<7.8	<7.2	<7.8	<7.2	<7.8	<7.2
Mounting Options	Tilttable stand, Symmetric Clip, Quick Release Clip					
Fixture Color Finish	Black (Standard), Custom colors available (Minimum quantities apply)					
Certifications	ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant					

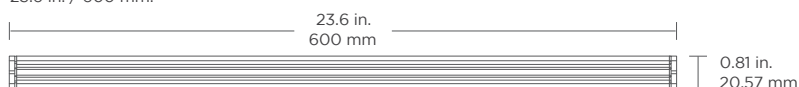


## DIMENSIONS

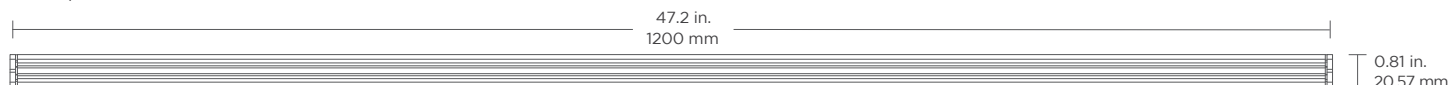
Side View:  
11.8 in. / 300 mm:



Side View:  
23.6 in. / 600 mm:



Side View:  
47.2 in. / 1200 mm:



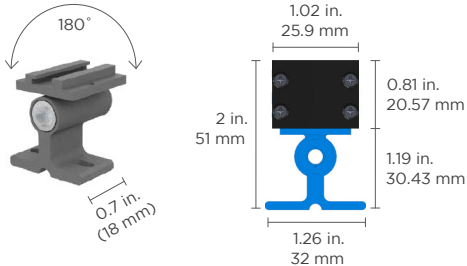
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DIMENSIONS / MOUNTING HARDWARE / ACCESSORIES

MOUNTING HARDWARE

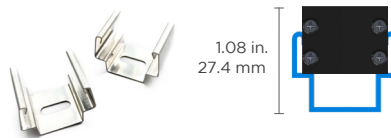
**Tiltable Stand**

For adjustable mounting angles



**Symmetric Clip**

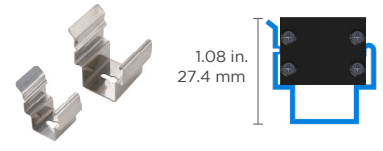
For narrow installations where mounting clips need to be installed first



0.78 in. L x 1.14 in. W x 0.72 in. H  
(19.8 L x 29.0 W x 18.3 H mm)

**Quick Release Clip**

For quick, one step release of fixture



1.18 in. L x 1.06 in. W x 0.72 in. H  
(30 L x 27 W x 18.29 H mm)

ACCESSORIES

**Symmetric Louver**

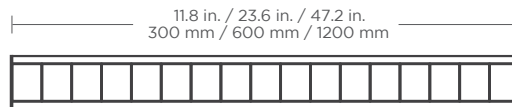
For glare reduction

Note: This will affect beam angle



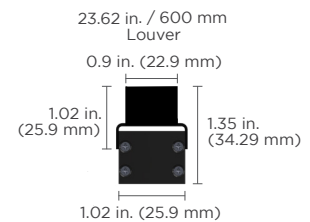
Part Number: ATOMLOUV300  
ATOMLOUV600  
ATOMLOUV1200

Top View



Note: Not recommended for exterior applications

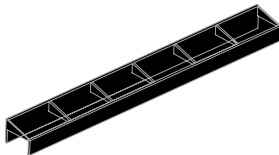
Side View



**Asymmetric Louver**

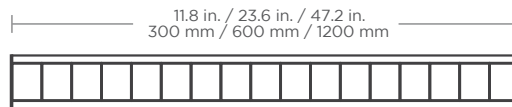
For glare reduction

Note: This will affect beam angle



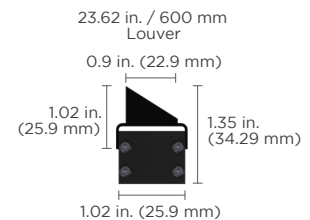
Part Number: ATOMALOUV300  
ATOMALOUV600  
ATOMALOUV1200

Top View



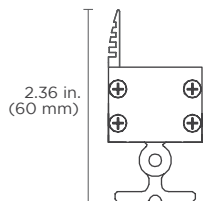
Note: Not recommended for exterior applications

Side View



**Glare Shield**

To reduce glare or direct light



Glare shield is part of the extrusion and cannot be removed. It extends the entire length of the fixture.

**2 Pin Female Cable To Bare Wire**

To bare wire for incoming power

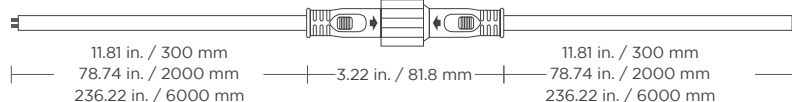
Default cable lengths:

11.81 in. / 300 mm, 78.74 in. / 2000 mm, 236.22 in. / 6000 mm  
(Consult factory for custom length)



Part Number: AtomCBLFB300  
AtomCBLFB2000  
AtomCBLFB6000

ø 0.715 in.



**2 Pin Male To Female Jumper Cable**

To connect 2 pin male connector to 2 pin female connector

Default cable length:

11.81 in. / 300 mm, 23.62 in. / 600 mm, 70.87 in. / 1800 mm  
(Consult factory for custom length)

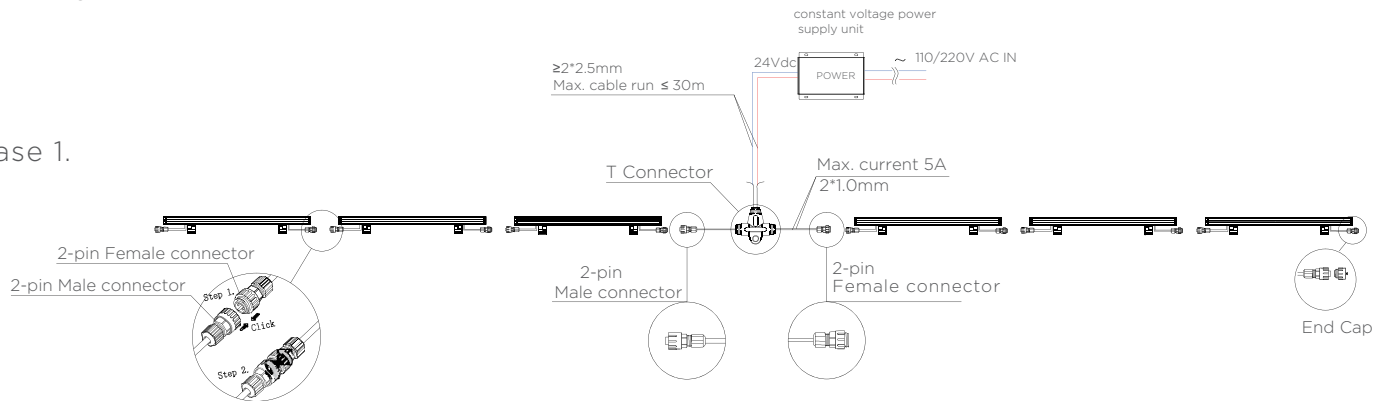


Part Number: ATOMJUMPMF300  
ATOMJUMPMF600  
ATOMJUMPMF1800

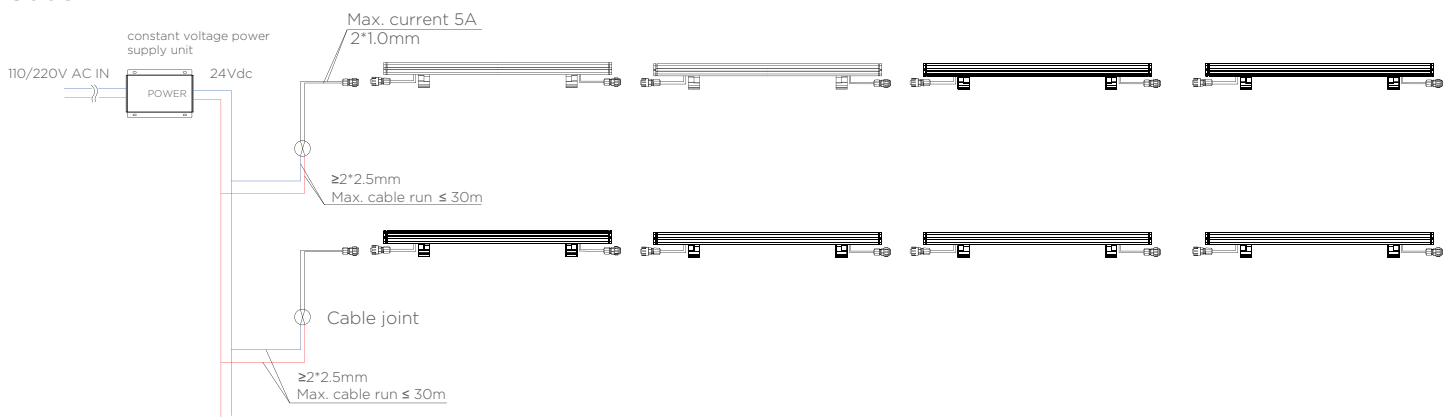
## CONNECTION

### NON DIMMING:

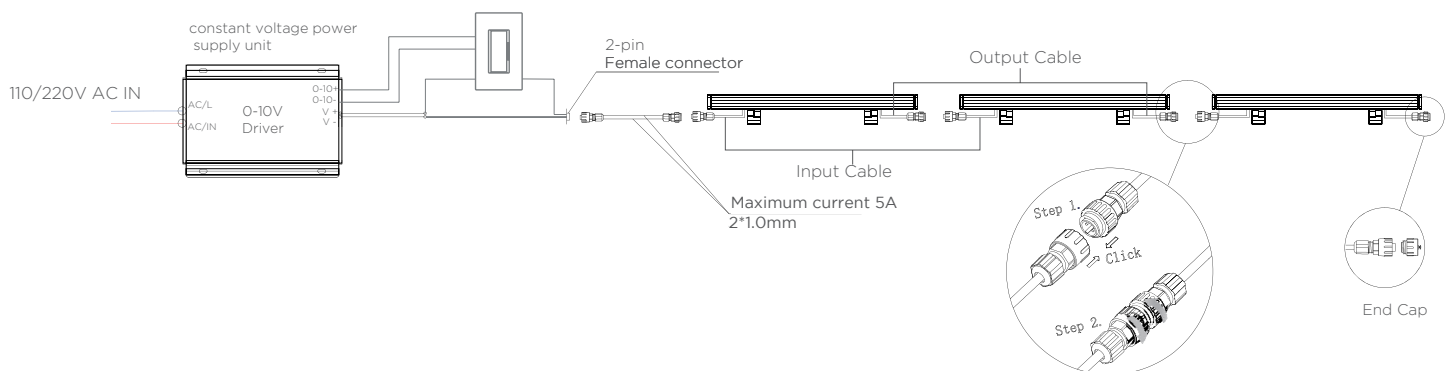
#### Case 1.



#### Case 2.

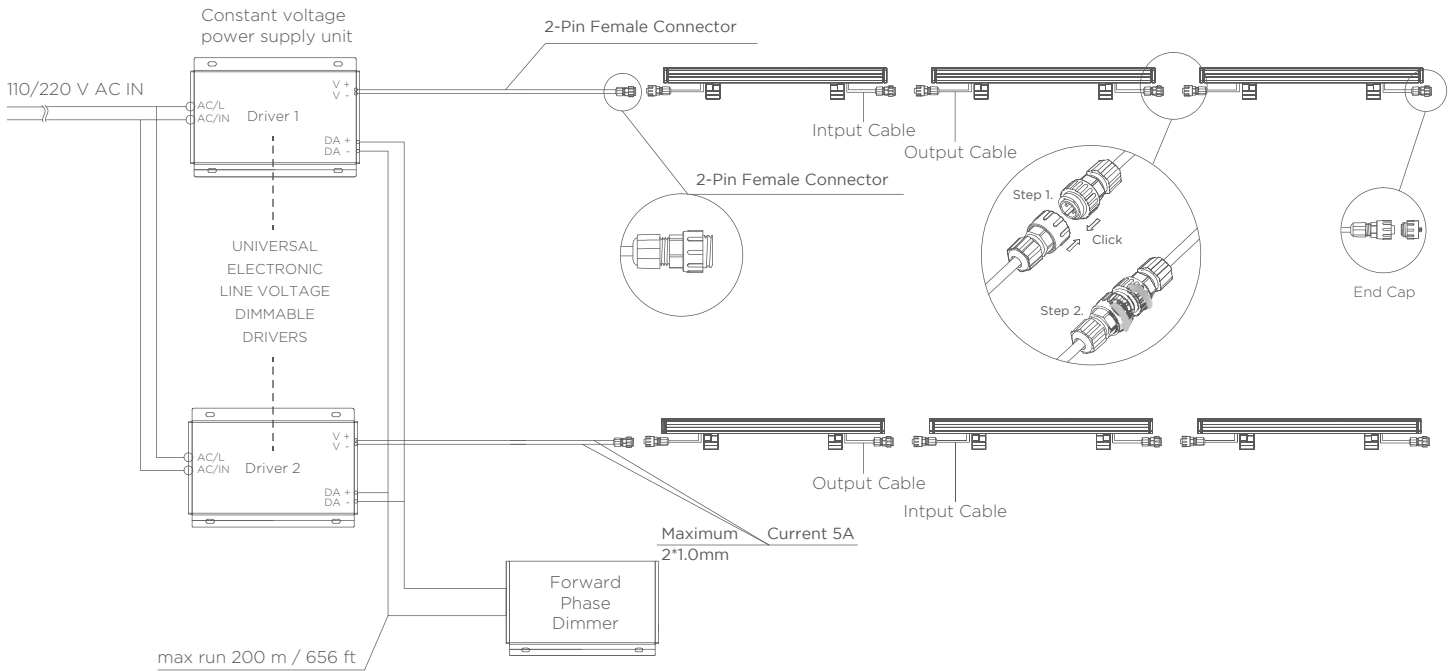


### 0-10V DIMMING:

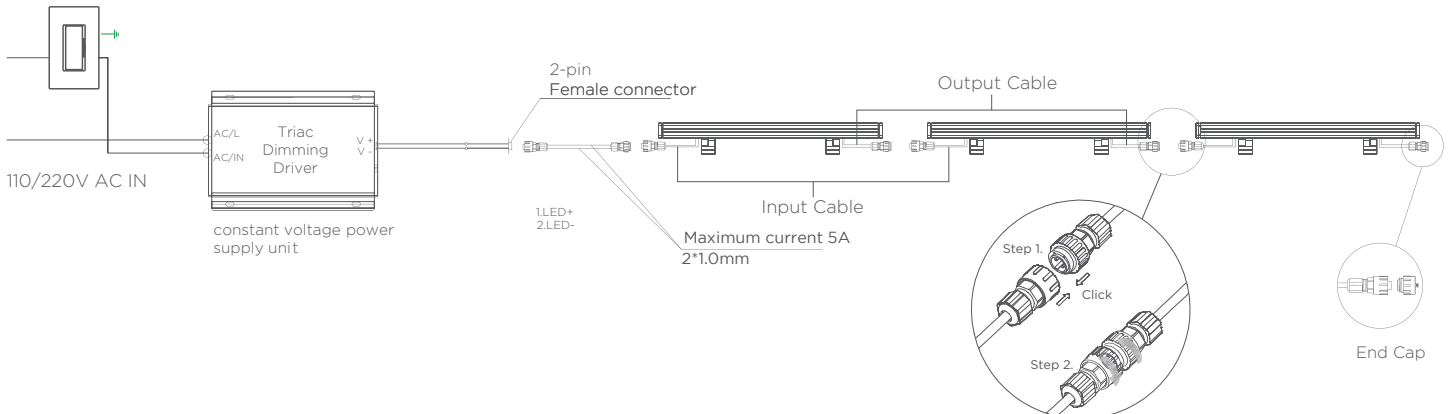


## CONNECTION

### DALI DIMMING:



### TRIAC DIMMING:



### CONNECTORS:

