

## ATOM LINEAR FIXTURE

The Atom Linear Fixture's compact form and beam angle control are designed for indoor wall grazer applications where minimal space is available. It has different lens options, color temperatures and lengths for your project's needs. Atom fixtures are easy to install and connect, and they come with a 5 year warranty.

- Available Wattages: 6 W, 12 W, 24 W
- Available Color Temperatures:  
2700K, 3000K, 3500K, 4000K, 5000K, 6000K
- Available Beam Angles: 30°, 20° x 35°
- 80+ CRI
- Available Lengths: 11.8 in. (300 mm), 23.6 in. (600 mm), 47.2 in. (1200 mm)
- Available Dimming Options: 0-10V, DALI, Triac



### Applications:

Commercial      Museums  
Entertainment      Public Spaces



**IP40**

## ORDERING GUIDE

Category	Length	Glare Shield	Color Temp.	FWHM Beam Angle	Mounting Options
<b>ATOM</b>					
ATOM - Atom Linear	12 - 11.8 in. / 300 mm (6 W)	NS - No Shield	27 - 2700K	20x35 - 20°x35°	TS - Tilttable Stand
	24 - 23.6 in. / 600 mm (12 W)	GS - Glare Shield	30 - 3000K	30 - 30°	SI - Symmetric Clip QR - Quick Release Clip
	47 - 47.2 in. / 1200 mm (24 W)		35 - 3500K		
			40 - 4000K		
			50 - 5000K		
			60 - 6000K		

### OPTIONAL ACCESSORIES:

#### 1.) 2 Pin Female Cable to Bare Wire:

ATOMCBLFB300 (300 mm)  
ATOMCBLFB500 (500 mm)

#### 2.) Asymmetric Louver:

ATOMLOUV300 (300 mm)  
ATOMLOUV600 (600 mm)

## AVAILABLE COLOR TEMPERATURES



2700K



3000K



3500K



4000K



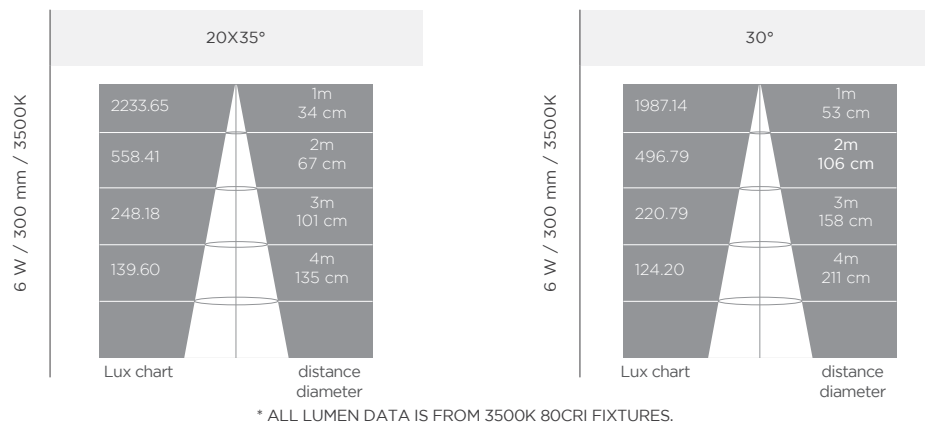
5000K



6000K

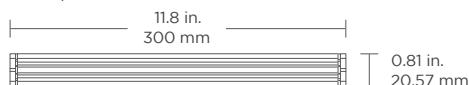
## SPECIFICATIONS / DIMENSIONS

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	6 LEDs		12 LEDs		24 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	20x35°	30°	20x35°	30°	20x35°	30°
Lumen Output / Foot	663.5 lm/ft	657.9 lm/ft	663.5 lm/ft	657.9 lm/ft	663.5 lm/ft	657.9 lm/ft
Total Lumens	653.1 lm	647.6 lm	1306.2 lm	1295.2 lm	2612.4 lm	2590.4 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	11.81 in. (300 mm), 19.68 in. (500 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					

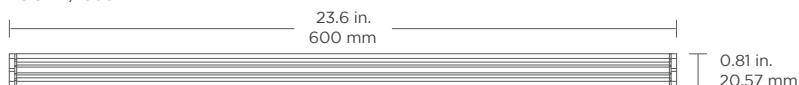


## DIMENSIONS

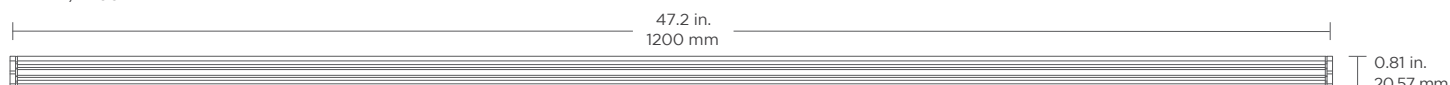
Side View:  
11.8 in. / 300 mm:



Side View:  
23.6 in. / 600 mm:



Side View:  
47.2 in. / 1200 mm:

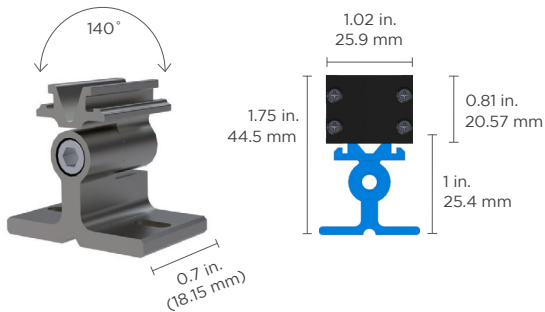


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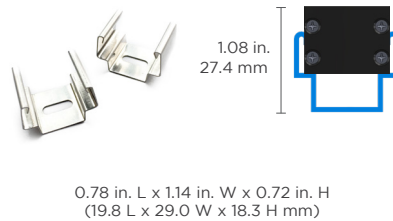
DIMENSIONS / MOUNTING HARDWARE / ACCESSORIES

MOUNTING HARDWARE

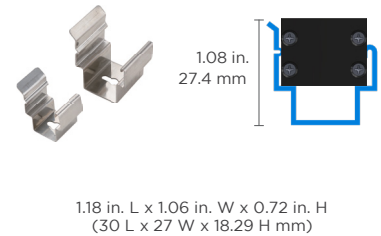
**Tilttable Stand**  
For adjustable mounting angles



**Symmetric Clip**  
For narrow installations where mounting clips need to be installed first

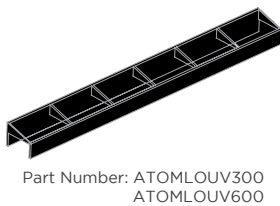


**Quick Release Clip**  
For quick, one step release of fixture

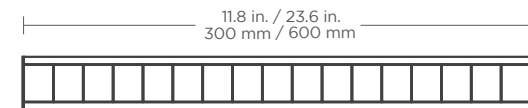


ACCESSORIES

**Asymmetric Louver**  
For glare reduction  
Note: This will affect beam angle

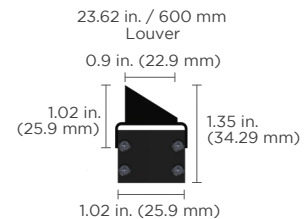


Top View

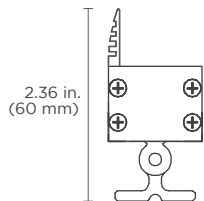


Use 2 x 23.6 in. / 600 mm Louvers for each 47.2 in. / 1200 mm fixture  
Not recommended for exterior applications

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. / 30 cm and 19.7 in. / 50 cm  
(Consult factory for custom length)



**2 Pin Male To Female Jumper Cable**

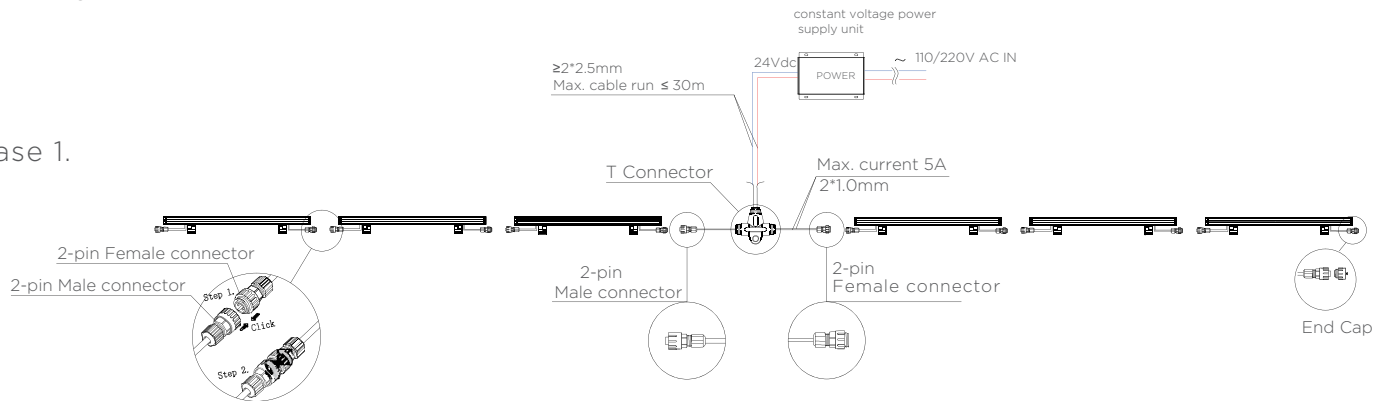
To connect 2 pin male connector to 2 pin female connector  
Default cable length: 39.4 in. / 1 m  
(Consult factory for custom length)



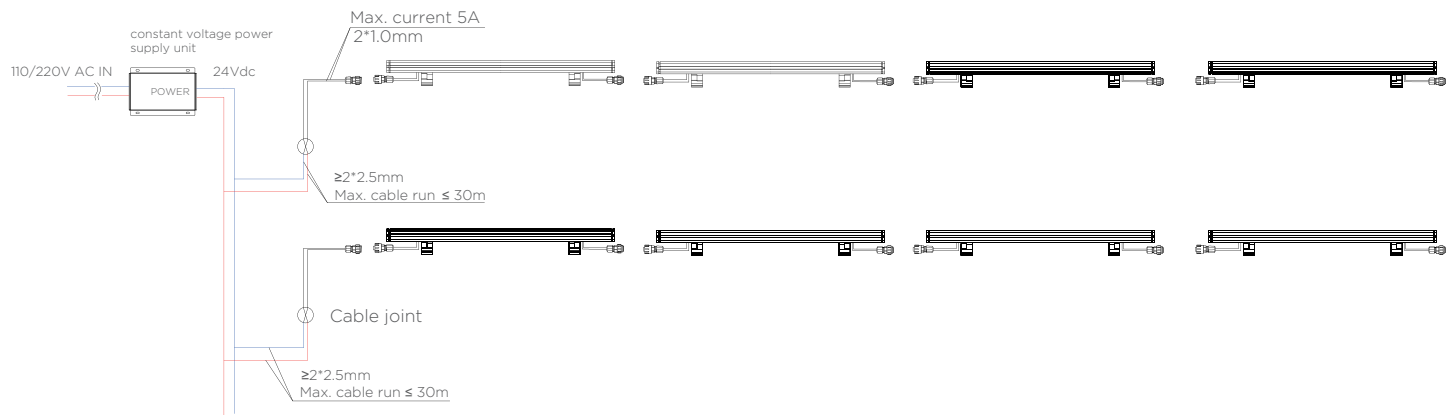
## CONNECTION

### NON DIMMING:

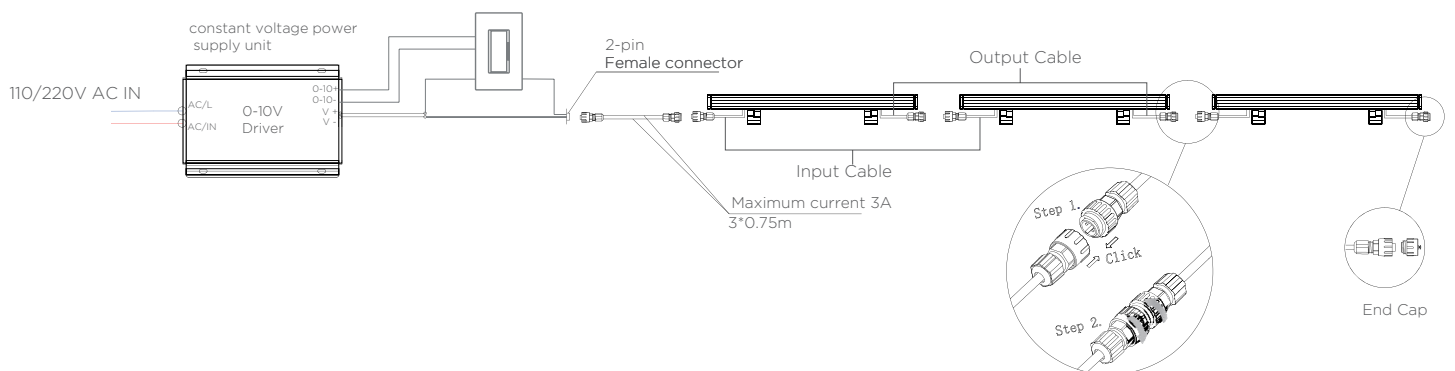
#### Case 1.



#### Case 2.

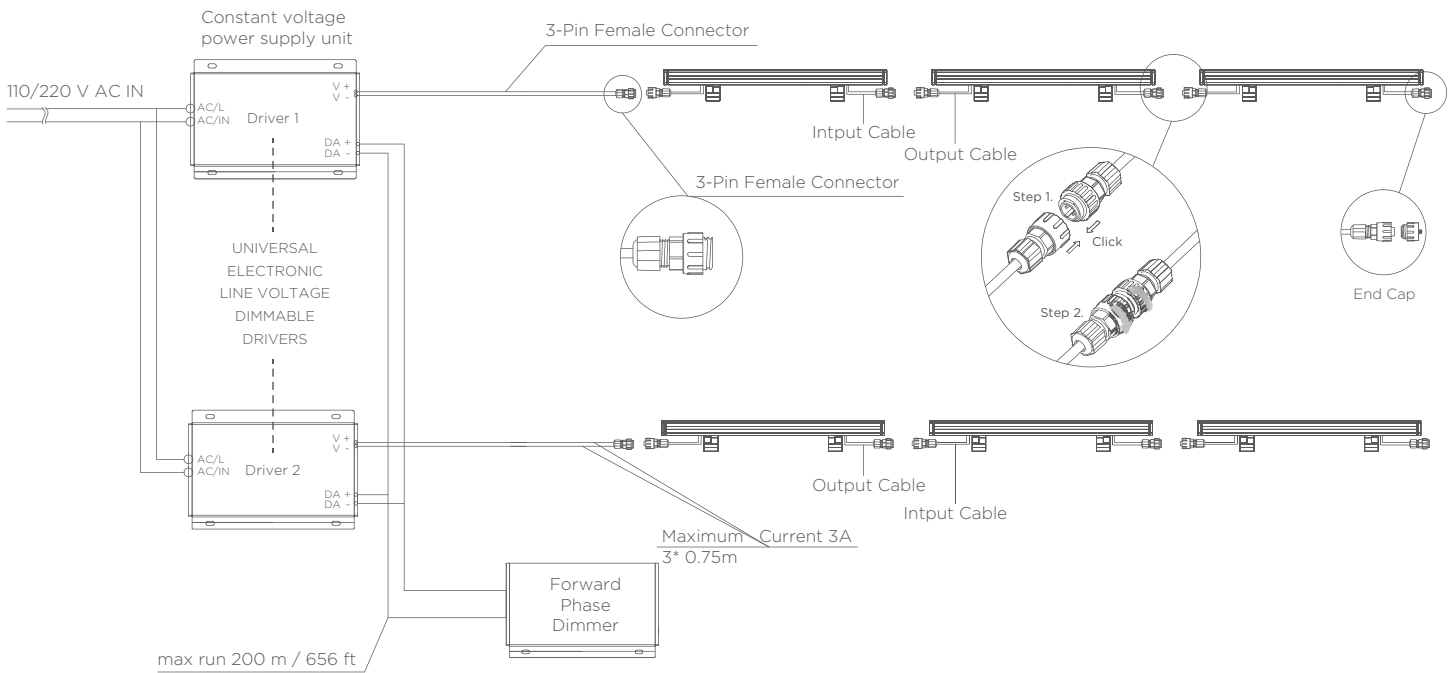


### 0-10V DIMMING:

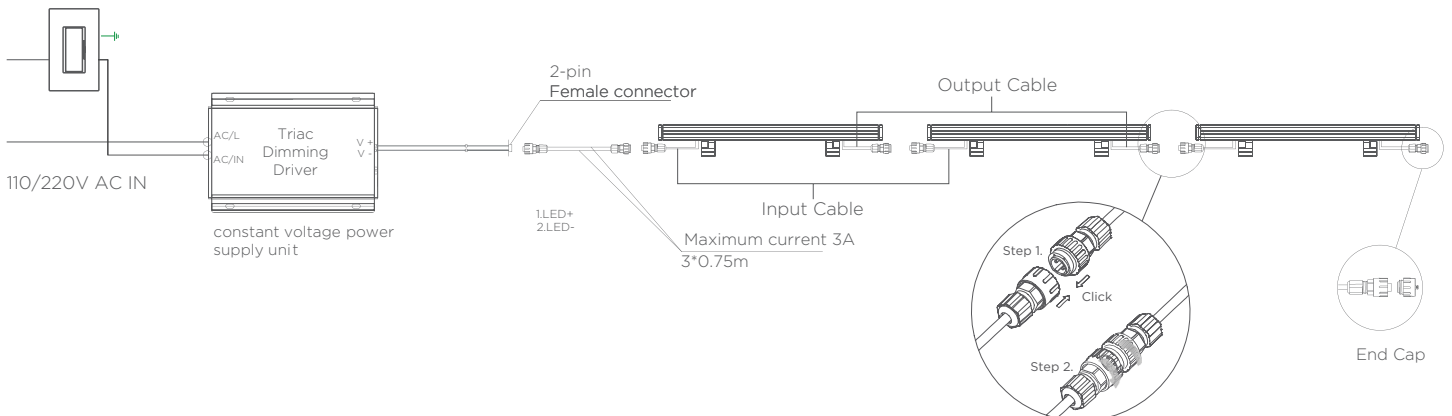


## CONNECTION

### DALI DIMMING:



### TRIAC DIMMING:



### CONNECTORS:

