

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:
6 W, 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: 25x25°, 25x35°
(25x35° uses honeycomb louver)
- Install with 180° tiltable stands
- 80+ CRI
- Dim with 0-10 V, DALI, Triac
- IP40 for indoor use

Applications:

Commercial Museums
Entertainment Public Spaces



IP40

ORDERING GUIDE

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

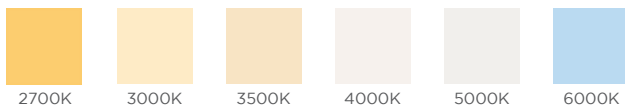
2.) Asymmetric Louver:

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

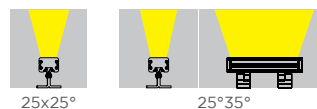
4.) 2 Pin Male To Female Jumper Cable:

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

AVAILABLE COLOR TEMPERATURES

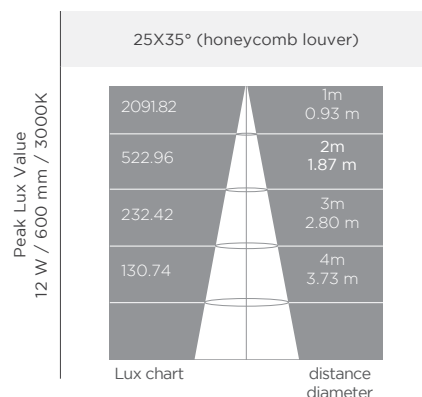
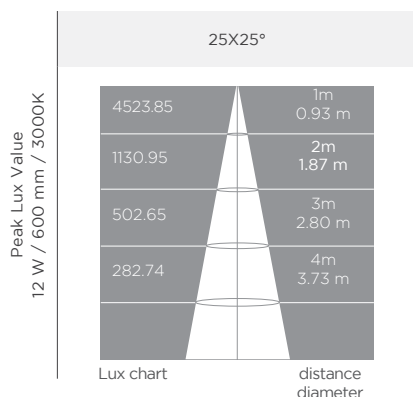


BEAM ANGLES



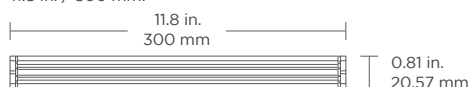
SPECIFICATIONS / DIMENSIONS

Operating Voltage	24 VDC					
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	25x25°	25x35° (honeycomb louver)	25x25°	25x35° (honeycomb louver)	25x25°	25x35° (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 — 122 °F (-40 — 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					

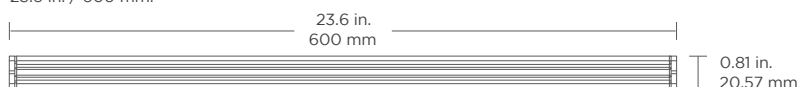


DIMENSIONS

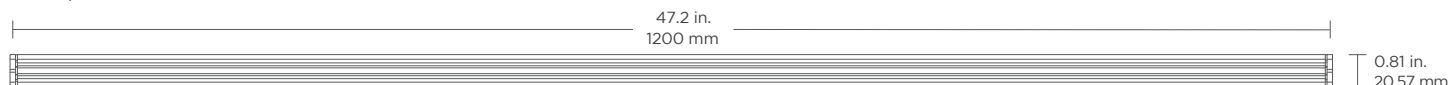
Side View:
11.8 in. / 300 mm:



Side View:
23.6 in. / 600 mm:



Side View:
47.2 in. / 1200 mm:



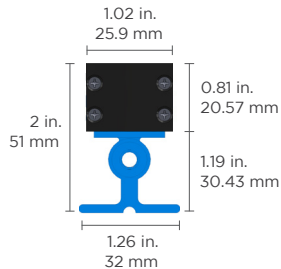
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DIMENSIONS / MOUNTING HARDWARE / ACCESSORIES

MOUNTING HARDWARE

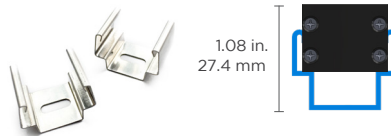
Tiltable Stand

For adjustable mounting angles



Symmetric Clip

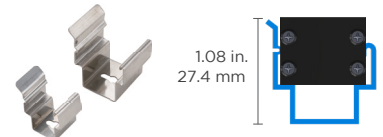
For narrow installations where mounting clips need to be installed first



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

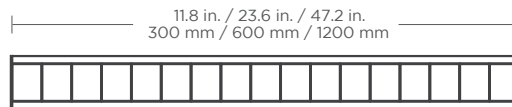
For glare reduction

Note: This will affect beam angle



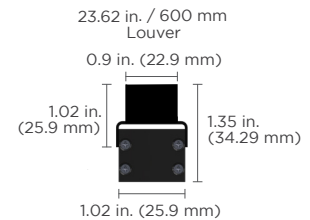
Part Number: ATOMLOUV300
ATOMLOUV600
ATOMLOUV1200

Top View



Note: Not recommended for exterior applications

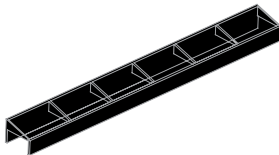
Side View



Asymmetric Louver

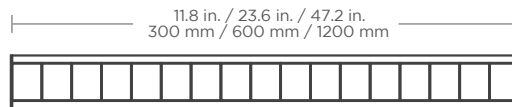
For glare reduction

Note: This will affect beam angle



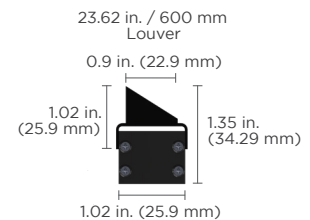
Part Number: ATOMALOUV300
ATOMALOUV600
ATOMALOUV1200

Top View



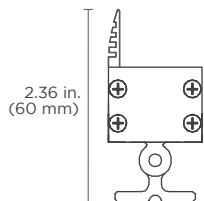
Note: Not recommended for exterior applications

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)

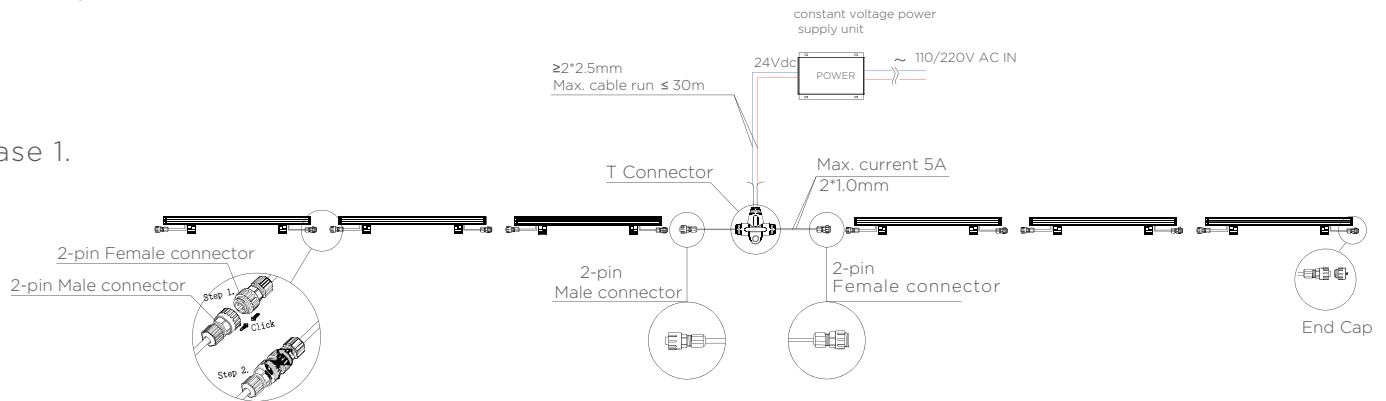


Part Number: ATOMJUMPMF300
ATOMJUMPMF600
ATOMJUMPMF1800

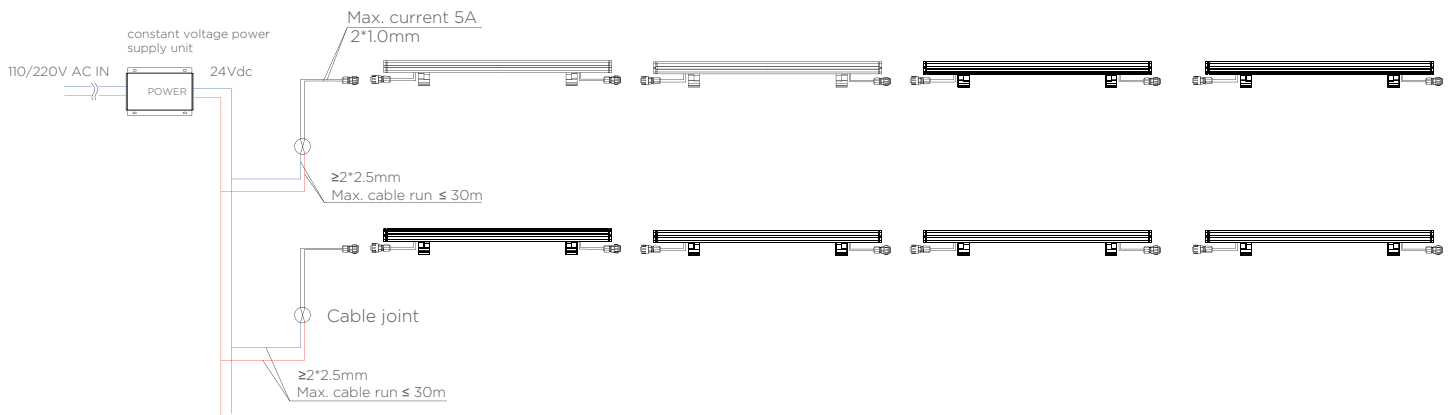
CONNECTION

NON DIMMING:

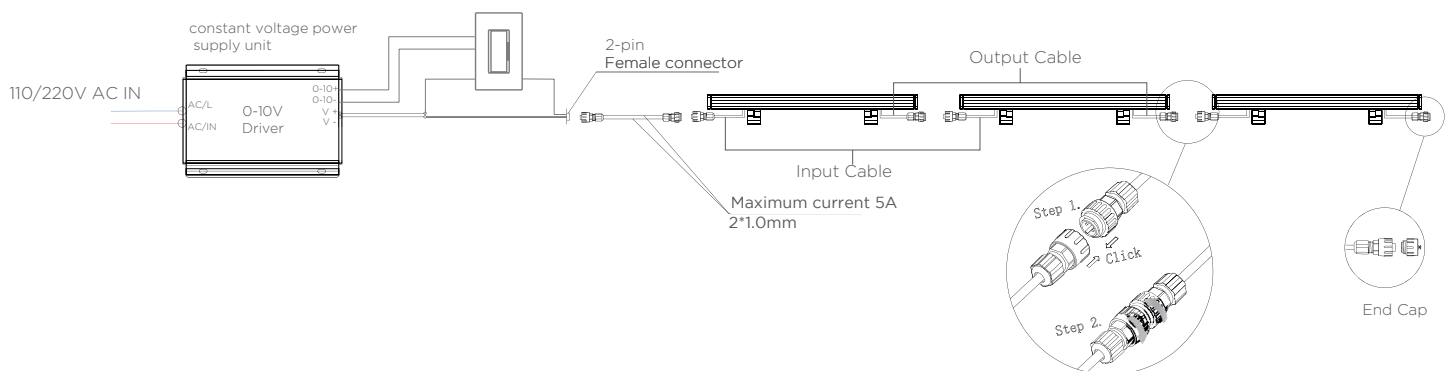
Case 1.



Case 2.

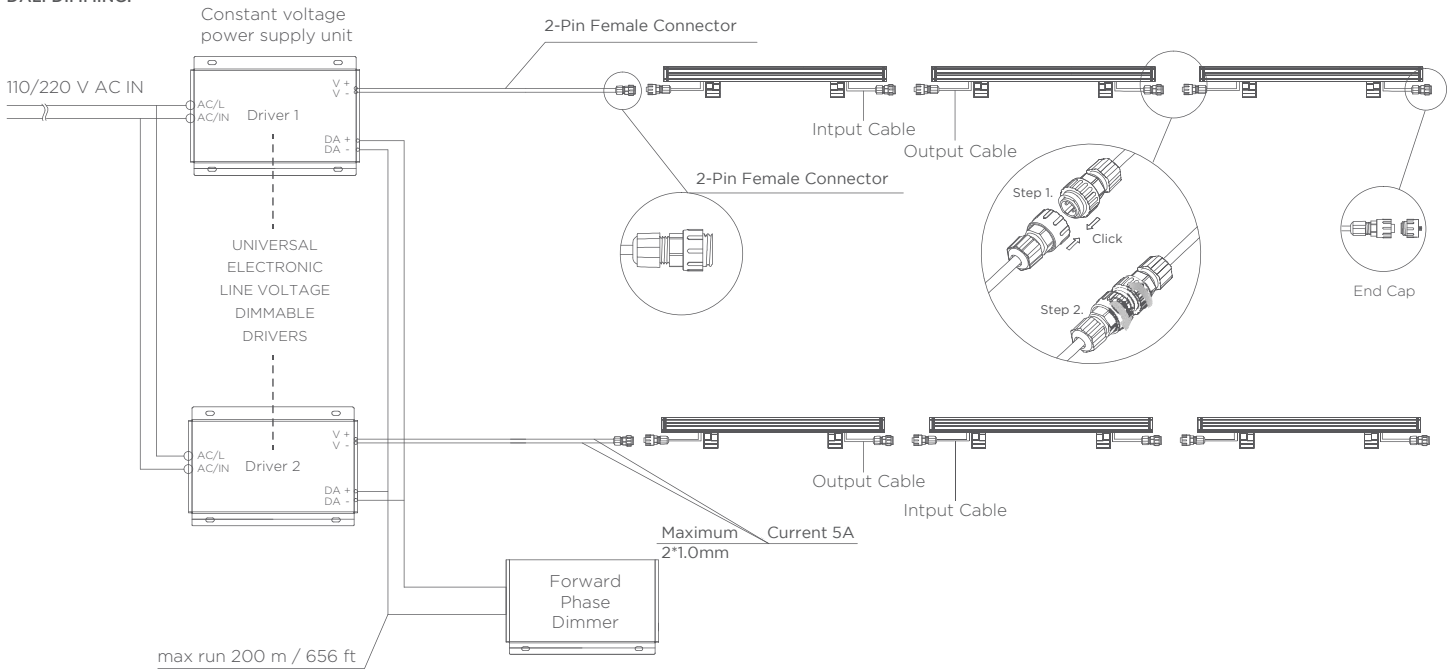


0-10V DIMMING:

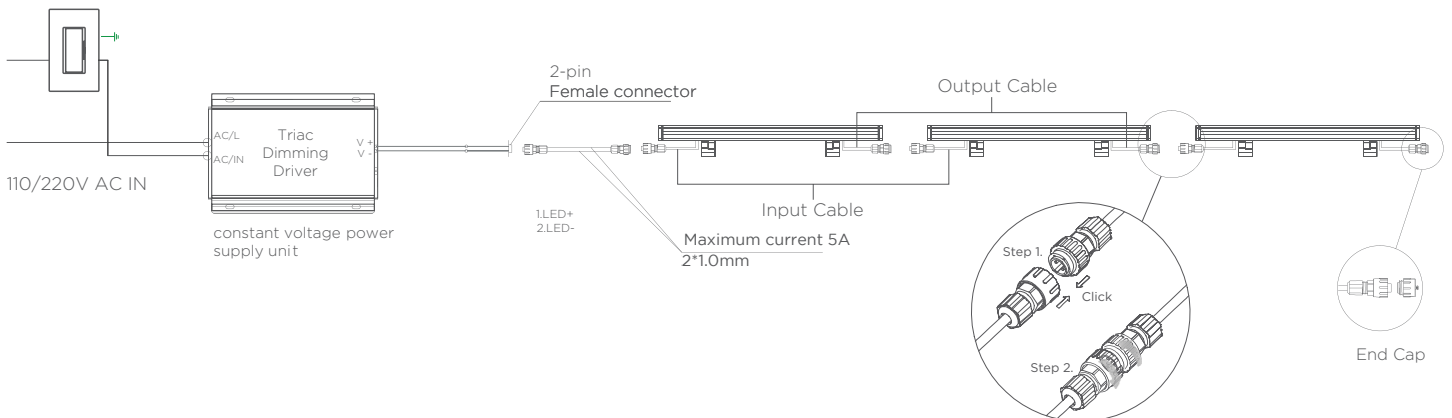


CONNECTION

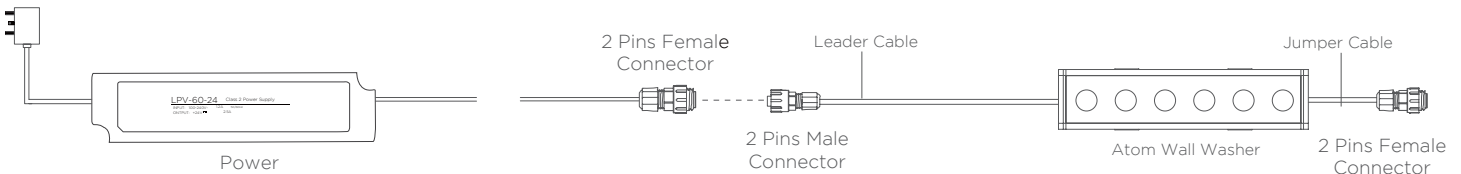
DALI DIMMING:



TRIAC DIMMING:



CONNECTORS:



REV.27NOV2024

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