



Understand your space
like it's digital

LOTUS Fixture Installation Manual

April 2025

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Safety Information

READ AND FOLLOW ALL INCLUDED SAFETY INSTRUCTIONS.



To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards.

These safety instructions may not possibly cover all details or variations in equipment nor to provide every possible contingency during installation, operation, or maintenance. For conditions or problems that are not covered sufficiently for the purchaser's or owner's purposes, please consult with Juganu's Customer Service.



- Installation must be performed by a certified licensed electrician in accordance with local law.
- Make sure the AC power grid functions properly – otherwise, damage may occur to the internal driver.
- Visually inspect the fixture for visible cracks, missing screws, or exposed electrical components.
- In case of fault or technical difficulties, contact your Juganu representative's technical support. Juganu has the right to decline provision of after-sales service if repair/maintenance was carried out by an entity that is not licensed/certified for its products.
- Ensure that the light pole is suitable for connecting and supporting the light fixture.
- Do not use electric power tools to tighten the M8 screws.
- Do not remove the label from the fixture.
- Keep the light fixture away from extreme heat sources or flames.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.

Before You Install

This guide shows how to install the Lotus unit on both poles with an extension arm and post top poles.

Package Contents

The Lotus shipping box contains the fixture and other accessories needed for installation. Verify that you have received the following items. If any item is missing or damaged, do not proceed with the installation. Contact your Juganu representative.

<input type="checkbox"/> Lotus fixture with attached mounting arm and AC cable (Class I – 3 wires; Class II – 2 wires)	
<input type="checkbox"/> AC junction box connector including 3-pin quick connector (for connecting fixture AC cable to the light fixture AC cable)	

Required Tools

Metric Allen Key #6 (for M8 screws)

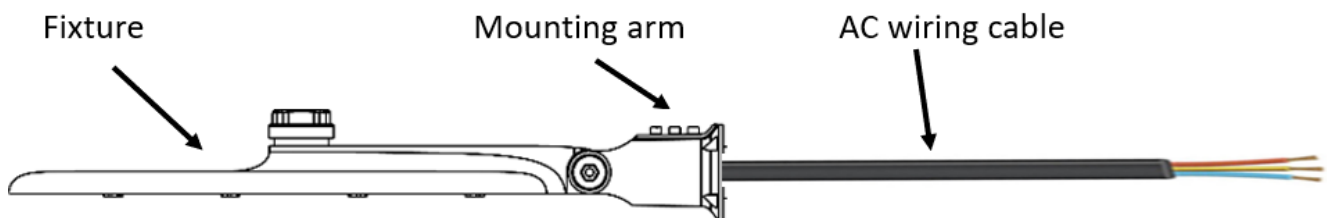


Installation Procedure – Pole with Extension Arm

The Lotus fixture is supplied with the mounting arm already attached in a horizontal orientation, which is suitable for installation on a pole extension arm.



The fixture is packaged by Juganu at 0° inclination and supports a 42-60 mm (1.65-2.35 in) diameter extension arm.

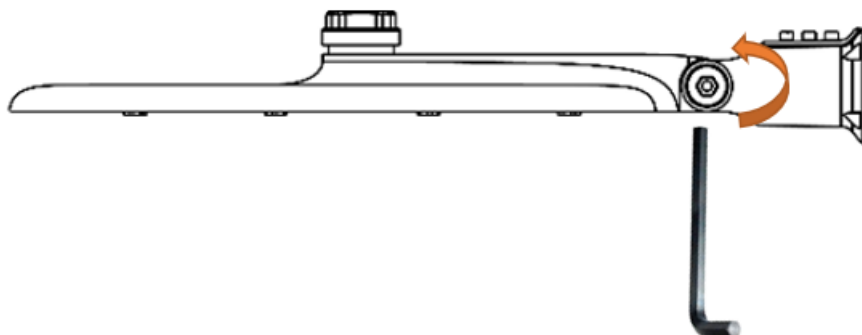


CAUTION - Do not use electric power tools to tighten the M8 screws!

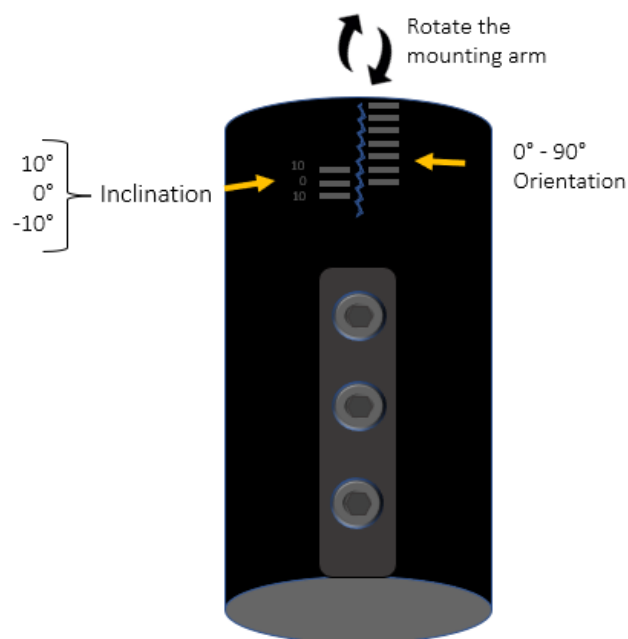
Adjusting Fixture Inclination

The light fixture inclination can be adjusted within a +/- 10° range.

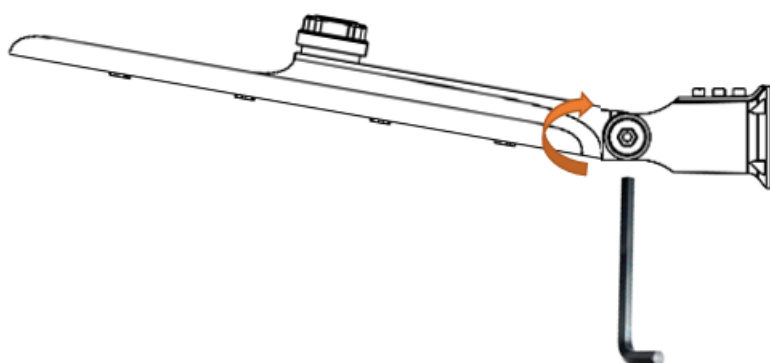
1. Loosen the M8 screw which secures the mounting arm to the fixture, until you can rotate the arm.



2. Move the arm up or down the ridges on the fixture base according to your requirements. Each ridge represents a 10° angle.



- Secure the mounting arm to the fixture. Tighten the M8 screw to secure the mounting arm at its new inclination (torque = 17 Nm).



Connecting the AC Power

- Using a waterproof junction box connector and a 3-pin quick connector, connect the AC cable protruding from the light fixture to the pole extension's AC cable.

NOTE – Lotus Class II fixtures are supplied with a 2-wire AC cable (without a terminal/pin for earth ground connection).



The fixture wiring is color-coded according to the regional jurisdiction's electrical standard:

Wire	IEC	USA
Ground (Class I only)	Green-yellow	Green-yellow
Neutral	Blue	White
Line, single phase	Brown	Black

Ensure that the AC cable connected to the fixture meets the following specifications:

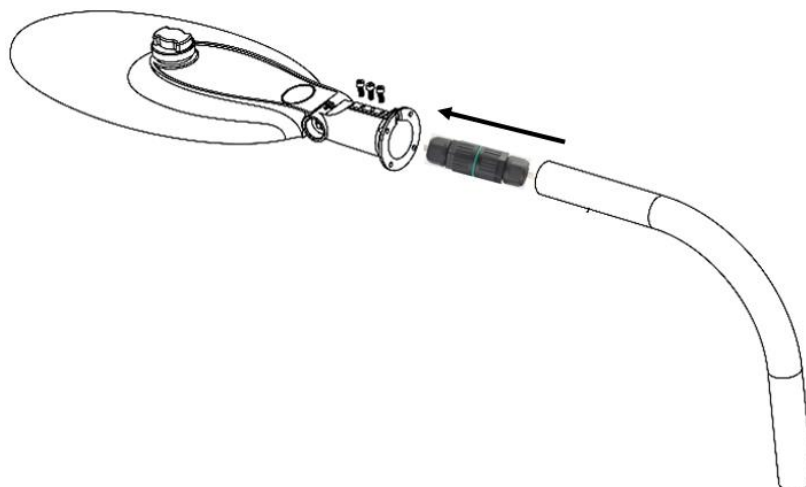
Wire strip length	8-10 mm (0.37 in)
Wiring size	Solid wire: 0.08~4.0 mm ² /12~28 AWG Strand: 0.08~2.5 mm ² /14~28 AWG

2. Close and tighten the junction box connector over the AC cable connection.

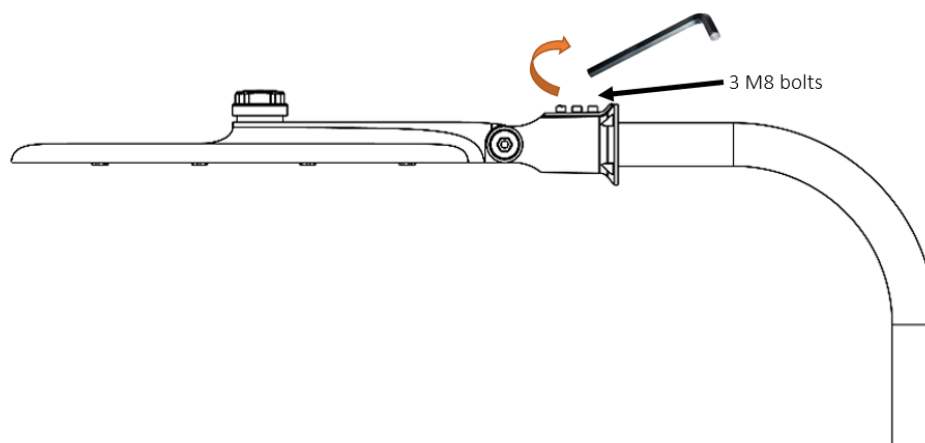


Attaching the Fixture to the Pole Extension

1. Insert the junction box connector and the pole extension as far as possible into the fixture's mounting arm.



2. Fasten the fixture and mounting arm together, tightening the three M8 bolts (torque = 17 Nm).



Installation Procedure - Post Top Pole

The Lotus fixture is supplied with the mounting arm already attached in a horizontal orientation at 0° inclination.

To support installation on a post top pole with a vertical orientation, use the following procedure.

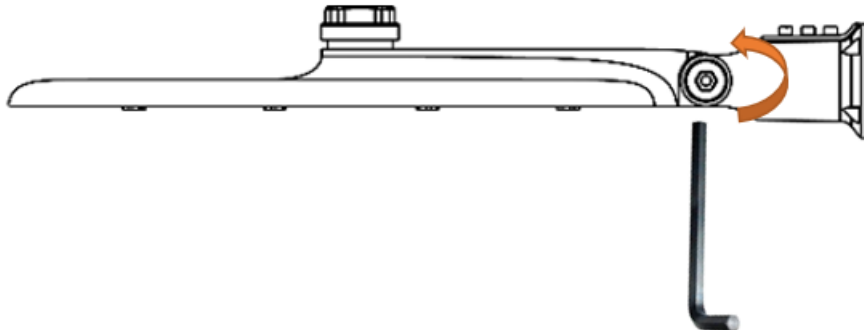


CAUTION - Do not use electric power tools to tighten the M8 screws!

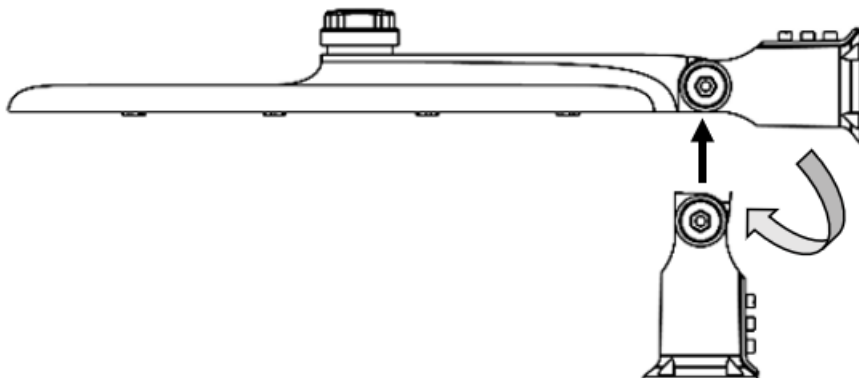
Changing the Fixture Orientation

To attach the mounting arm in a vertical orientation, you need to remove the arm, rotate it 90°, and reattach it.

1. Loosen the M8 screw which secures the mounting arm to the fixture.



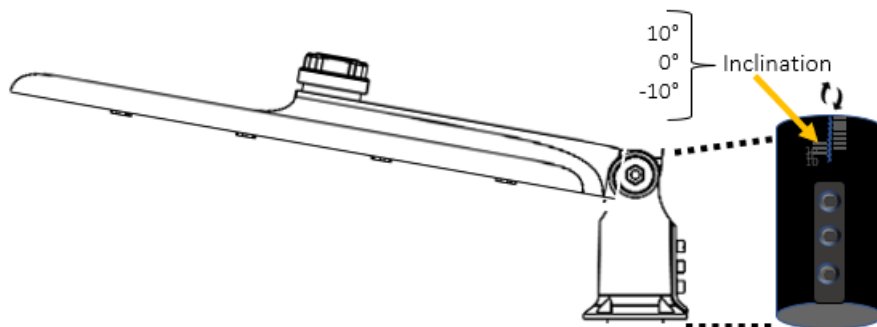
2. Rotate the mounting arm 90° and append it onto the fixture base.



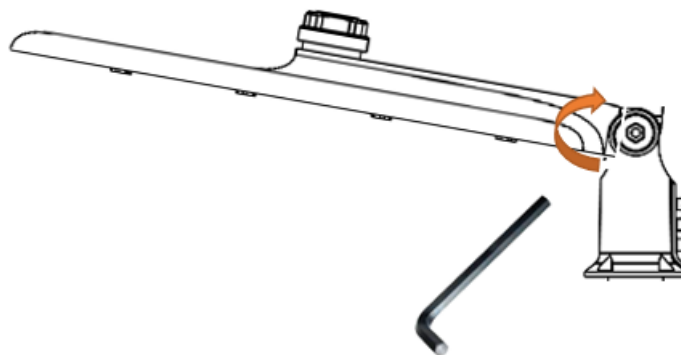
NOTE – If you transfer the fixture from a Post Top pole to a pole with an extension arm, use this same procedure (but for horizontal inclination).

Adjusting Fixture Inclination

1. Adjust the Fixture Inclination, using the same procedure as for the pole with extension arm.



2. Secure the mounting arm to the fixture. Reinsert and tighten the screws and washers to secure the mounting arm at its new inclination (torque = 17 Nm).



Connecting the AC Power

1. Using a waterproof junction box connector and a 3-pin quick connector, connect the AC cable protruding from the light fixture to the pole extension's AC cable.

NOTE – Lotus Class II fixtures are supplied with a 2-wire AC cable (without a terminal/pin for earth ground connection).



The fixture wiring is color-coded according to the regional jurisdiction's electrical standard:

Wire	IEC	USA
Ground (Class I only)	Green-yellow	Green-yellow
Neutral	Blue	White
Line, single phase	Brown	Black

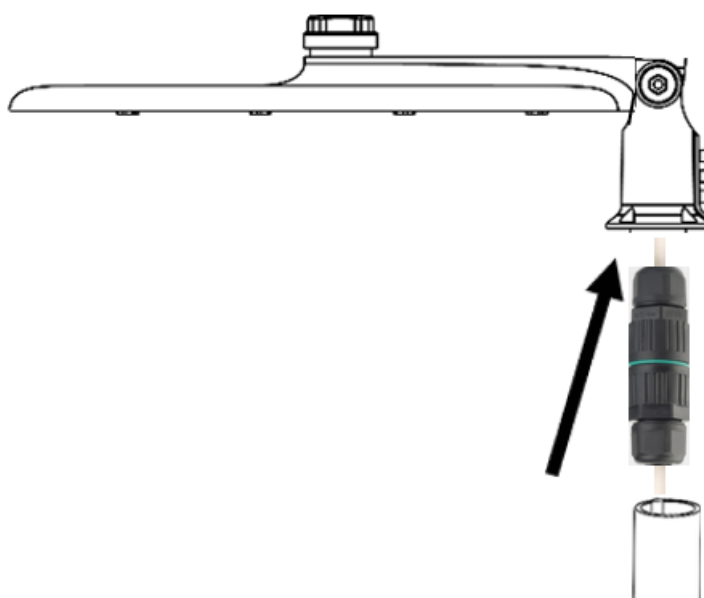
Ensure that the AC cable connected to the fixture meets the following specifications:

Wire strip length	8-10 mm (0.37 in)
Wiring size	Solid wire: 0.08~4.0 mm ² /12~28 AWG Strand: 0.08~2.5 mm ² /14~28 AWG

2. Close and tighten the junction box connector over the AC cable connection.

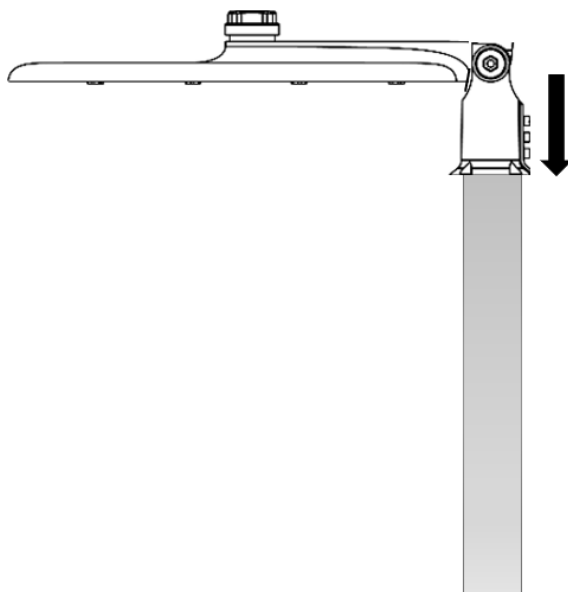


2. Insert the junction box connector as far as possible into the fixture's mounting arm.



Attaching the Fixture to the Post Top Pole

1. Insert the pole adapter into the Light Fixture.



2. Fasten the fixture and pole together, tightening the three M8 bolts and nuts (torque = 17 Nm).

