



Understand your space  
like it's digital

## SOLITAIRE3 Fixture Installation Manual

March 2025

Copyright © 2023 Juganu. All rights reserved.

JL-S3\_IM\_2311 Rev: 3.1

The Information provided herein is subject to change without prior notice by Juganu. Please verify all details with Juganu. Any information included in this document is and shall remain, at all times, the exclusive property of Juganu Ltd. and/or its licensors. Neither the furnishing, receipt or possession of any information thereof shall constitute the granting or transferring of any right or license to copy, use or reproduce such information or any physical article or device, or any part thereof, nor to derive any benefit therefrom, in any way, unless approved otherwise in writing by Juganu Ltd.

## Contents

Safety Information.....	3
Before You Install .....	4
Package Contents .....	4
Required Tools.....	4
Installation Procedure .....	5
Connecting the AC Power.....	5
Attaching the Fixture to the Pole.....	6
Connecting the Ethernet Cable.....	7
Connecting NEMA.....	8

# Safety Information

READ AND FOLLOW ALL INCLUDED SAFETY INSTRUCTIONS.



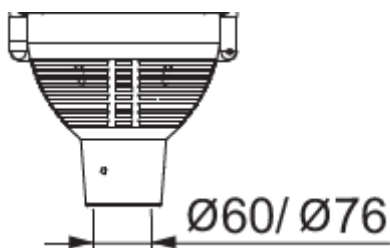
To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards.

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 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 Solitaire3 light fixture on a 60mm (2.36") – 76 mm (3.00") diameter pole.




## Package Contents

The Solitaire3 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"/> Solitaire fixture	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Solitaire No NEMA</p>  </div> <div style="text-align: center;"> <p>Solitaire NEMA (ND)</p>  </div> </div>
<input type="checkbox"/> 3-pin AC junction box connector, waterproof (for connecting fixture AC cable to the light fixture AC cable)	
<input type="checkbox"/> RJ45 waterproof coupler	
<input type="checkbox"/> Six (6) Hexagon socket set screws	

## Required Tools

1. Hex Key (according to set screws size)	
---	---

# Installation Procedure

The fixture supports mounting on a 60mm (2.36") – 76 mm (3.00") diameter pole.

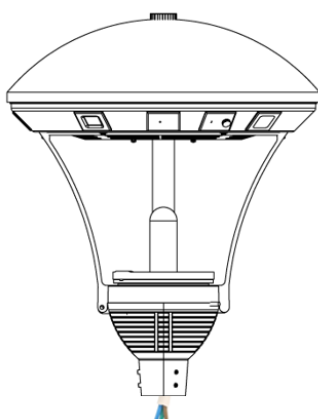
All cables must be suitable for outdoor use and must be continuous, with no splits or extensions.



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

## Connecting the AC Power

The Solitaire3 fixture is supplied with three electrical wires protruding from its bottom base.



**WARNING** – Ensure that the AC power supply to the pole and fixture are turned off before connecting the power wires!

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.



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

Wire	IEC	USA
Ground	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:

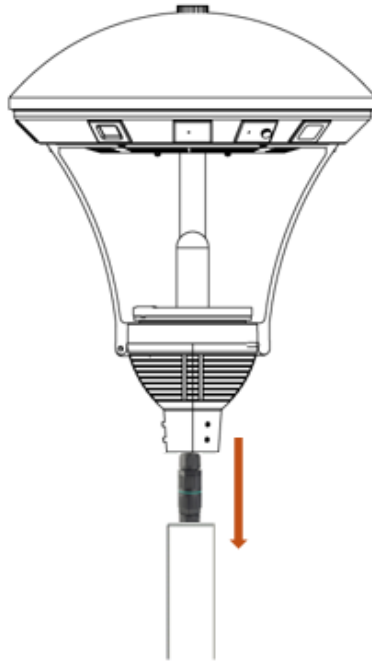
Wire strip length	8-10 mm (0.37 in)
OD	6-10mm
Wiring size	Solid wire: 0.08~4.0 mm <sup>2</sup> /12~28 AWG Strand: 0.08~2.5 mm <sup>2</sup> /14~28 AWG

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



## Attaching the Fixture to the Pole

1. Slide the fixture base onto the opening at the top of the pole.



2. Using a hex key, tighten the six set screws to secure the fixture to the pole.



## Connecting the Ethernet Cable

If fixtures include ethernet cable option

1. Guide the Ethernet cable protruding from the bottom base.
2. Use waterproof outdoor RJ45 coupler to connect the external cable to the fixture.



3. Securely close and tighten the RJ45 coupler over the cables.
4. Make sure the connection is completely sealed and secured.



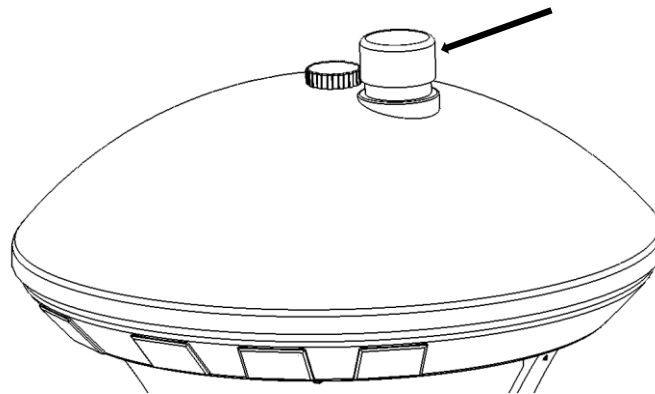
5. Slide the fixture base onto the opening at the top of the pole.
6. Using a hex key, tighten the six set screws to secure the fixture to the pole.



## Connecting NEMA

If fixtures include NEMA Connection option

1. Confirm that the power to the lighting fixture is turned off for safety.
2. Remove the NEMA Shorting Cap
  - a. Rotate the cap counterclockwise to unlock it.
  - b. Once unlocked, gently pull it straight out from the socket.



3. Install the NEMA Device
  - a. Align the pins of the new NEMA-compatible device (such as a photocell or controller) with the socket.
  - b. Twist clockwise to lock it securely in place.

