



Installation Procedures

Rheos

P/N: 30-00401

(Rev_20200205)



Contents

<i>Introduction</i>	1
<i>Required Tools</i>	1
<i>Prerequisites</i>	1
<i>Inspect the Fixture</i>	1
<i>Install the Rheos</i>	2
<i>Mount the Fixture</i>	2
<i>Secure Power/Data Cable Connections</i>	2
<i>Troubleshooting/Corrective Actions</i>	3

Introduction

This manual contains the procedural information required to install an Aquarii Rheos LED Fixture.

<i>CAUTION</i>	Hazardous voltages and currents are present while installing the Rheos. Aquarii recommends that a qualified electrician install and maintain the fixtures.
----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------

Required Tools

- Screwdrivers (various sizes)
- Ladder/Lift
- Pliers
- Wire Cutters
- Safety Glasses
- Electrical Tape
- Wire Strippers
- Level

Prerequisites

1. Ensure all required parts are present for installation.
2. Ensure the sites Power Supply is disconnected/shut off.
3. Perform local Lock-Out/Tag-Out procedures, if applicable/required.
4. Personal Protection Equipment (PPE) is equipped/easily accessible.

<i>NOTE</i>	Specific mounting conditions can require additional tools or equipment.
-------------	-------------------------------------------------------------------------

Inspect the Fixture

Perform the following steps to inspect the shipping container and fixture for any damage(s).

<i>NOTE</i>	The damaged fixture(s) must be properly packaged and shipped back to Aquarii within <i>24 hours</i> of the filed claim.
-------------	-------------------------------------------------------------------------------------------------------------------------

1. Inspect the shipping container to see if damaged, wet, or crushed.
2. Ensure the container is right side up, then open the top cover of the container.
3. Remove the Rheos from the shipping container and place it gently on a clean/dust free surface to avoid scratching the housing.
4. Remove the *two* side-cap screws, then the housing, and set both aside to be used later.
5. Place the fixture on a flat/clean surface to avoid damaging it.

6. Inspect the Rheos for any damage(s) to the lenses, boards, and umbilical connections, heatsink, main bracket, top cover, and housing.

<i>IF..</i>	<i>THEN...</i>
NO damages are present...	proceed to Install the Rheos .
YES, damages are present...	file a claim and return the fixture according to the Aquarii <i>Product Return Policy</i> .

Install the Rheos

WARNING	The Power Supply MUST BE disconnected from the local circuit breaker to ensure personal and product safety.
----------------	--------------------------------------------------------------------------------------------------------------------

Mount the Fixture

1. Ensure the Rheos is removed from the Housing.
2. Secure the Mounting Option to the Main Bracket based on the required procedure.

NOTE	See the accompanying Mounting Procedures document for specific procedures based on the required mount.
-------------	---------------------------------------------------------------------------------------------------------------

Secure Power/Data Cable Connections

NOTE	Power/Data Cable Connections are specific based on the site and fixture parameters.
-------------	-------------------------------------------------------------------------------------

1. Establish a connection between the sites Junction Box and the EPP-300-24 Power Supply using the required cable.
2. Secure any data/communication connections to the 2-Channel Controller based on individual fixture/mounting parameters.
3. Install the Housing on the fixture and secure using the *two* housing screws removed during inspection.

Troubleshooting/Corrective Actions

<i>CAUTION</i>	Troubleshooting Assessments can only be performed by qualified personnel.
----------------	---------------------------------------------------------------------------

<i>SYMPTOM</i>	<i>POSSIBLE CAUSE</i>	<i>CORRECTIVE ACTION</i>
No light output	Power is off	Check if power supply is on
	Poor wire connection	Check wiring connections
	Faulty supply switch	Test or replace supply switch
	Shorted dim lines	Verify no shorts in dim lines
Fuse blown or Circuit Breaker trips	Crossed wire(s) or a supply wire has grounded out	Check wiring connections

If the Rheos is still not functioning as required after the **Troubleshooting/Corrective Actions** are performed, please contact *Aquarii Customer Service* for further assistance. See the **General Specifications** manual, included in the *Aquarii Documentation Folder*, for the required contact information.