

Kessil®

A350 A350W

LED Aquarium Light

OWNER'S MANUAL LED ILLUMINATOR



Kessil Lighting

A DiCon Business Division

1689 Regatta Blvd, Richmond, CA 94804

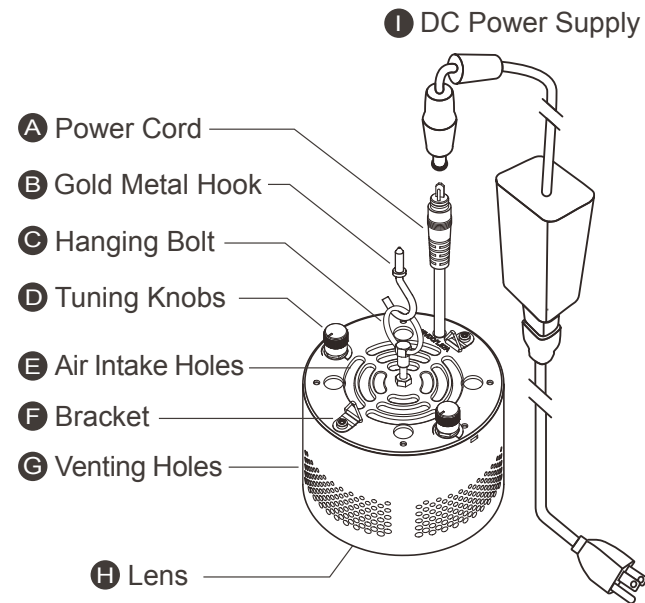
(510) 620-5250

www.Kessil.com

A350 / A350W

Kessil takes another leap forward in the Spectral Revolution with the A350 / A350W Tuna Blue LED aquarium light. Incorporating the latest 90W Dense Matrix LED platform, A350 / A350W features a penetrating, tunable light that provides a beautiful shimmer effect, boosts coral growth and color, and can easily be tuned to emit a range of spectrums from 10000K Special Blend to Actinic Special Blend and every shade in between.

PARTS DIAGRAM



PRODUCT SPECIFICATIONS

Illuminator	
Power Consumption	92 W MAX
Input Voltage	48 VDC
Listed Power Supply	
Input	100-240 VAC, 47-63 Hz, 2.0 A MAX
Output	48 VDC, 1.87 A

INSTALLATION GUIDE

1. Remove contents from package.
2. Screw the hanging bolt (C) into the center hole.*
3. Hang A350 / A350W 1 to 2 ft. above the object to be illuminated.**
4. Connect power cord (A) to the specified DC power supply (I).
5. Plug the power supply into an outlet with the correct specifications (see product specifications for more information).
6. Adjust tuning knobs (D) until desired spectrum is shown.

* A350 / A350W may also be hung by mounting 2 metal hooks (diameters of at least 2.5 mm and thread numbers of at least 6) through its brackets (F).

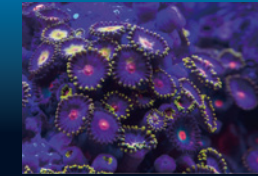
** A350 / A350W should only be installed on wood, acoustical tile or other similar ceilings.

** For sufficient airflow, the intake and venting holes (E,G) should be at least 12 in. from surrounding obstructions.

SAFETY INSTRUCTIONS

1. DO NOT use a power supply that is outside the specifications. This is a fire hazard and may lead to unit failure.
2. DO NOT use outdoors. This unit is intended for indoor use only.
3. DO NOT expose unit to an extremely humid environment or submerge unit in water. This may lead to unit failure.
4. DO NOT place working illuminator in close contact with any objects. This may cause objects to heat up and the unit to overheat.
5. KEEP lens (H) away from sharp objects. Sharp objects may break the lens and lead to unit failure.
6. DO NOT cover or place objects on the power supply. Power supply should not be contained in an airtight space.

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MAINTENANCE

1. Keep air intake hole (E), venting holes (G), and fan clear of dust. To clean the fan, unplug the unit and insert the tip of a CO₂ dust blower (or similar dust blower) in one of the venting holes (G) on the unit's outer shell. Hold and spray.
2. Keep the lens (H) clean. If the lens becomes contaminated with water, dust, or other particles, unplug the unit and clean the lens with isopropyl alcohol. Wet a cotton swab or a napkin in isopropyl alcohol, gently wipe the surface of the lens, and let it dry.

TROUBLESHOOTING GUIDE

Problem	Cause / Solution
Light doesn't turn ON	Make sure the unit is connected to the power supply and the power supply is plugged into an outlet with the correct specifications.
	Make sure electrical power is available to the AC outlet being used.
	Make sure the power supply has the right specifications.
	Make sure the device is operating within the specified operating temperature range. If unit overheats, it will automatically shut down.
Unit is flickering	Make sure the power supply has the right specifications.
	Make sure the unit has not overheated by operating at a room temperature exceeding 40°C.
	Make sure the fan is operating properly.

P/N: 5870014A1

The Spectral Revolution™