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› WILLS Aquarium Light User Manual

WILLS 165W-aquariumlight

WILLS Aquarium Light User Manual

Model: 165W-aquariumlight | Brand: WILLS

INTRODUCTION AND OVERVIEW

The WILLS Aquarium Light is a full spectrum reef light designed for optimal growth and vibrant coloration of corals and aquatic plants in both saltwater and freshwater environments. It features dual dimmable channels, 55 premium SMD chips, and a convenient daisy chain design for expanding your lighting setup.

This light provides intense illumination, effortlessly penetrating the water surface and reaching every corner, including the sandbed. It is a perfect fit for tanks with a depth of 24" or less and a capacity of fewer than 57 gallons. The maximum coverage area is 36" x 36" x 36". The comprehensive full spectrum design caters to the specific needs of plants and corals, promoting lush plant growth and vibrant coral colors. Size: 15.7"x8.3"x2.4".



This image shows the WILLS 165W Aquarium Light, a full spectrum reef light designed for coral and fish tanks. It features dual dimmable channels and 55 premium SMD chips.

SETUP AND INSTALLATION

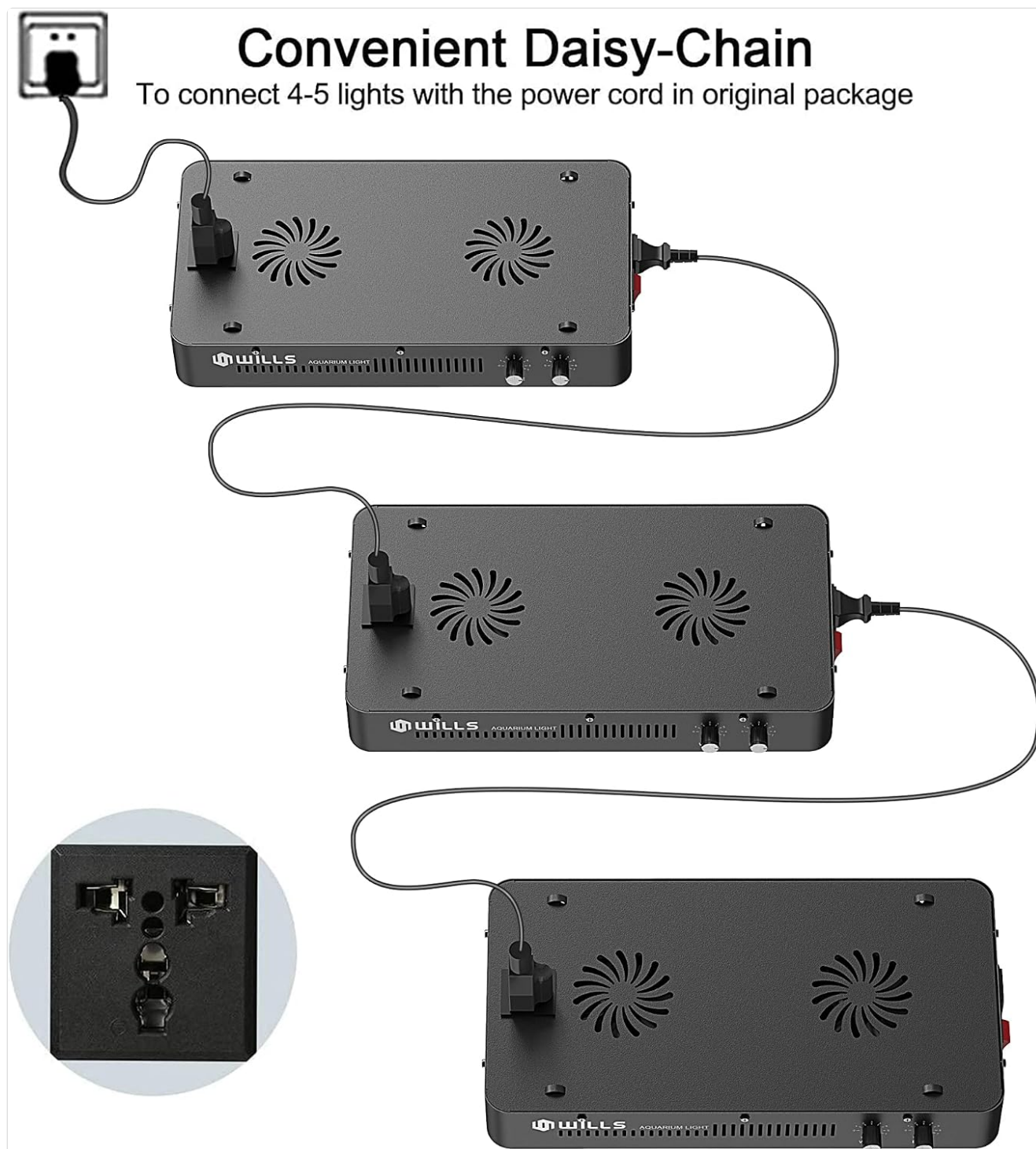
Your WILLS Aquarium Light package includes: 1 x aquarium light unit, 1 x power cord, and 1 x hanger kits. The light is designed for hanging installation above your aquarium.

Mounting the Light

Use the provided hanger kits to suspend the light securely above your aquarium. Ensure the light is positioned at an appropriate height to provide optimal light penetration without causing stress to your aquatic inhabitants. A recommended distance is approximately 11.5 to 14 inches above the water surface, depending on your tank's depth and coral requirements.

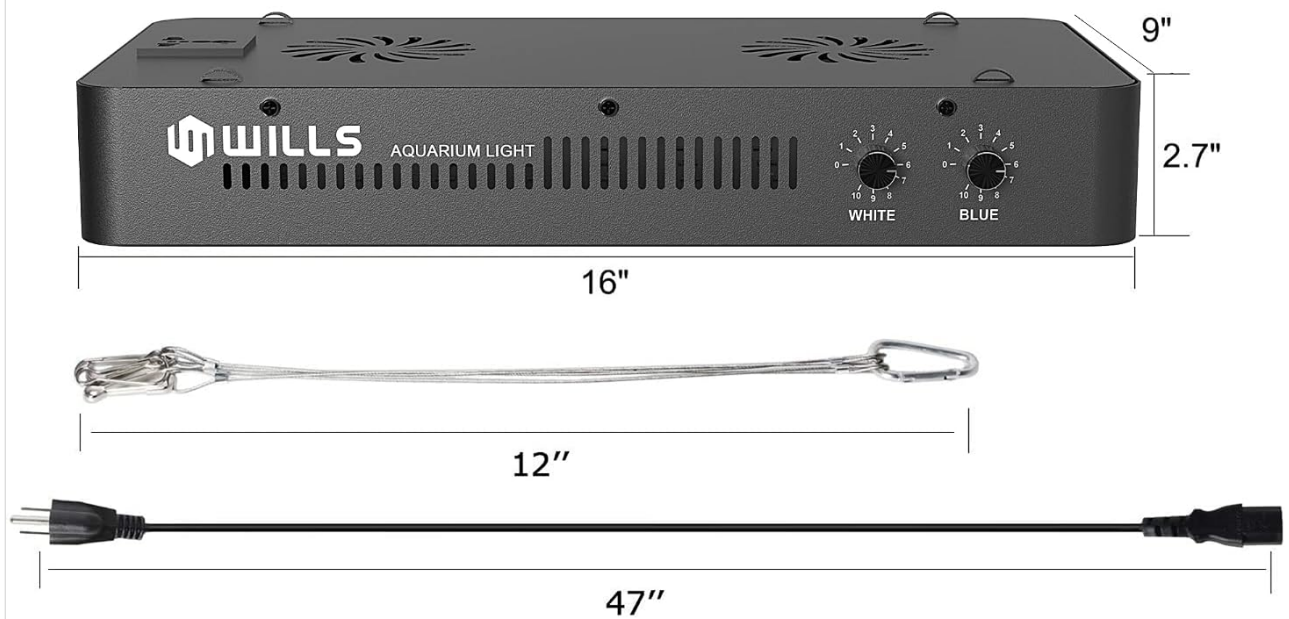
Daisy Chain Connection

The daisy chain design allows you to connect up to five WILLS aquarium lights using the original power cord, simplifying wiring for larger setups.



This diagram illustrates how multiple WILLS aquarium lights can be connected in a daisy-chain configuration using the provided power cord, allowing up to five units to be powered from a single outlet.

WIA400 Package



This image displays the contents of the WILLS Aquarium Light package, including the light unit, power cord, and hanger kits, along with key dimensions of the product.

OPERATING INSTRUCTIONS

The WILLS Aquarium Light is equipped with two dimming channels (White and Blue) that can be customized independently from 0% to 100% to meet the specific needs of your corals, reef, and fish. This promotes the growth of any SPS and LPS flourished under it.

3 Dimming Modes



BLUE+WHITE CHANNEL



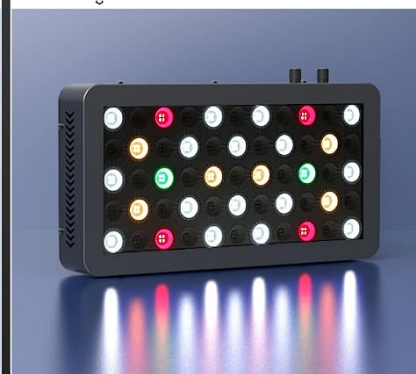
Full spectrum output. Scientific design . Maintains a balance of PAR/lumen output and coverage.

BLUE CHANNEL



Suitable for saltwater tank. Promote the absorption of coral calcium and synthesize vitamin D3 to make it grow healthily and brightly. Including **Blue light 470nm**.

WHITE CHANNEL

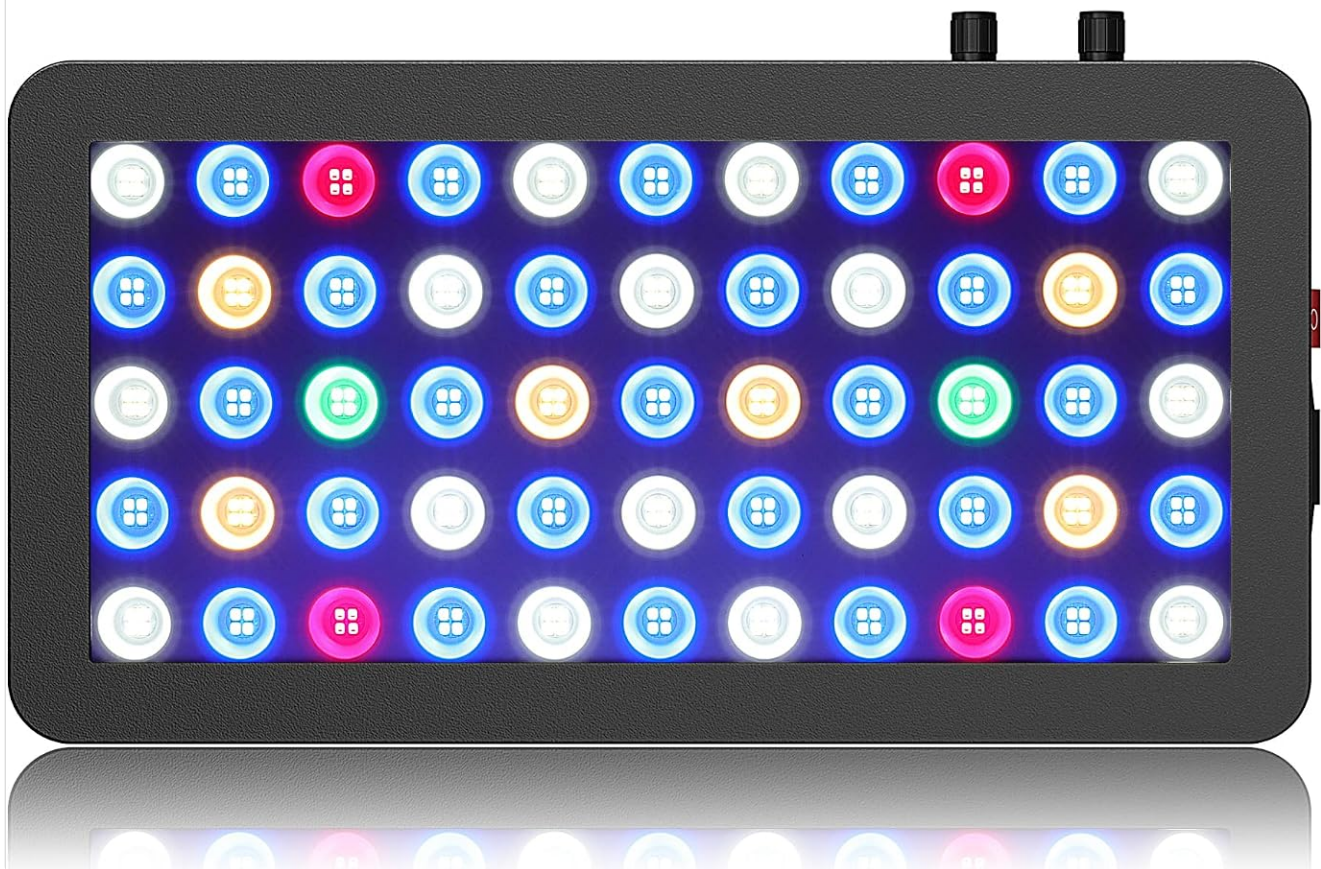
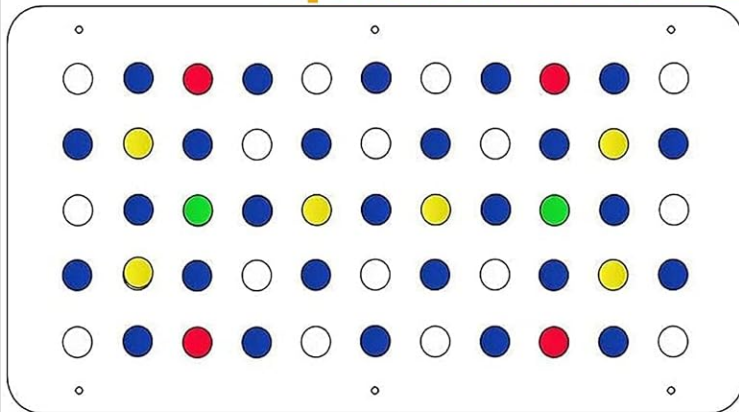


Suitable for freshwater tanks. Promote photosynthesis, growth and development of aquatic plants. Including **red light 660nm**
green light 520nm
warm white light 3000K
white light 6500K

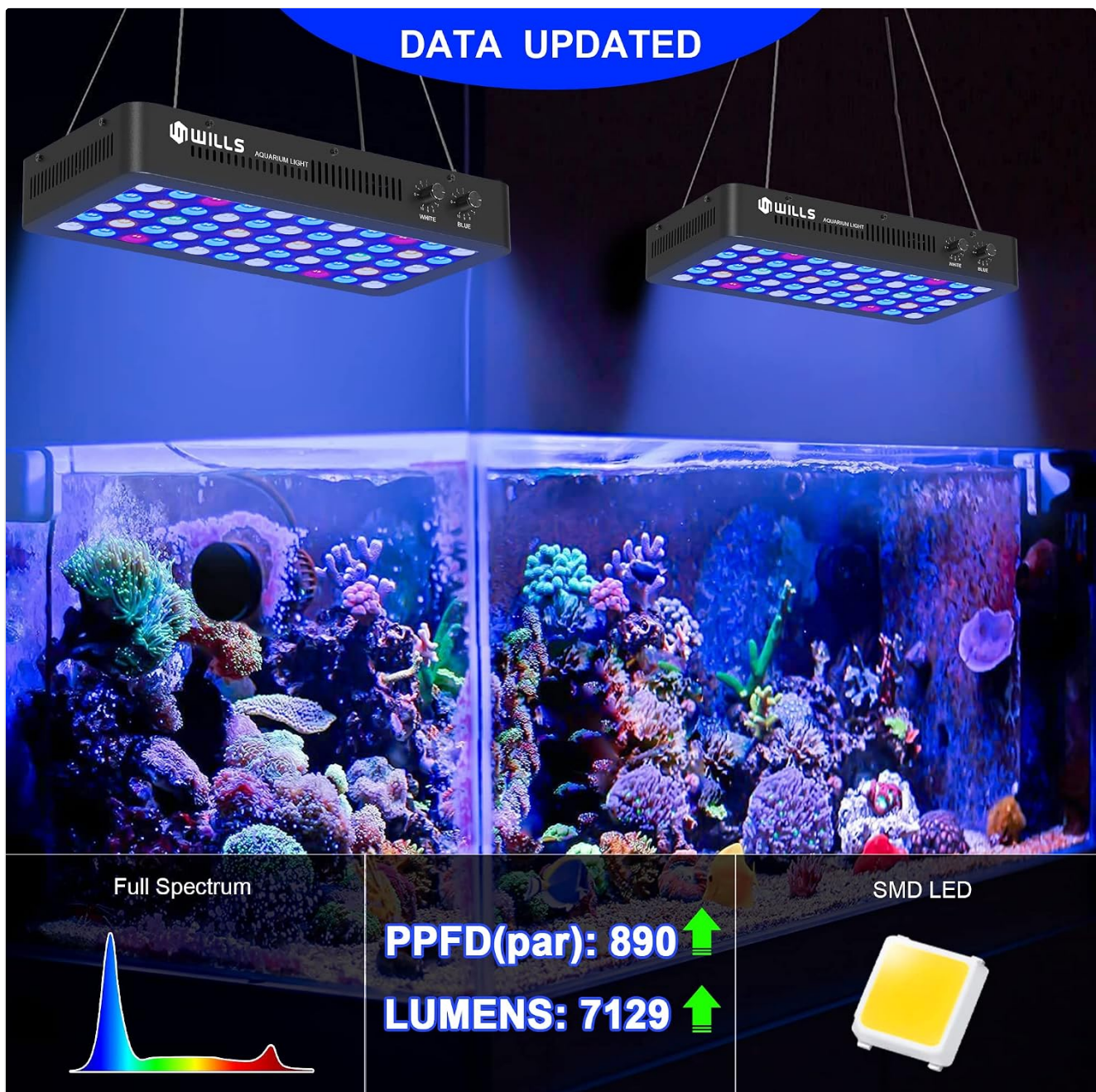
This image demonstrates the three distinct dimming modes of the WILLS Aquarium Light: a full spectrum Blue+White channel for balanced output, a Blue channel suitable for saltwater tanks and coral absorption, and a White channel for freshwater tanks and plant growth.

Full Spectrum Fish Tank Light

Updated!! SMD LEDs in USA



This image provides a close-up of the LED arrangement on the WILLS Aquarium Light, highlighting the full spectrum design with various colored SMD LEDs for optimal aquatic environment lighting.



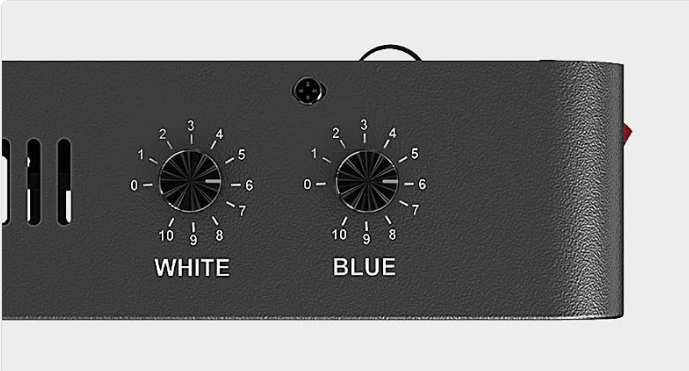
This image shows the WILLS Aquarium Light illuminating a reef tank, with overlaid data indicating a PPFD (PAR) of 890 and Lumens of 7129, demonstrating its intense illumination capabilities.

Official Product Video

This video provides a real-world demonstration of the WILLS Aquarium Light's performance and visual impact on an aquarium setup.

MAINTENANCE

The advanced cooling system of this coral light ensures efficient heat dissipation while maintaining quiet operation. Enjoy a peaceful and comfortable environment for both you and your aquatic inhabitants.



Two Channels can be adjusted independently from 0%–100%

Updated!! SMD LEDs in USA

High quality reflector, increase reflection.
Using brand SMD LEDs, more durable.
Improve the efficiency of light.





fan's decibel is about 56dB, which is belong to people normal conversation voice(40–60dB)

Multiple vents for better heat dissipation



This image highlights the adjustable white and blue dimming knobs, the quiet cooling fans (operating at approximately 56dB), and the multiple ventilation vents designed for efficient heat dissipation, ensuring long-term performance.

Regularly inspect the light for any dust or salt creep accumulation, especially on the cooling vents and LED lenses. Gently clean with a soft, dry cloth. Ensure proper ventilation around the unit to prevent overheating.

TROUBLESHOOTING

If the light does not turn on, check the power connection. Ensure both the power cord and the light's power switch are securely connected and in the 'on' position. If dimming channels are unresponsive, verify the dimmer knobs are not set to zero. For persistent issues, refer to the warranty and support section.

SPECIFICATIONS

Feature	Detail
Color	Black
Shape	Rectangular

Material	Metal
Finish Type	Painted
Light Source Type	LED
Shade Material	Metal
Power Source	Corded Electric
Brand	WILLS
Style	Modern
Voltage	110 Volts
Brightness	7129 lumen
Maximum Compatible Light Source Wattage	165 Watts
Light Source Wattage	165 Watts
Mounting Type	hang
Bulb Features	dimnable
Number of Light Sources	1
Are Batteries Included	No
Product Dimensions	36"L x 36"W x 36"H
Manufacturer	WILLS
UPC	192278042148
Item Weight	6.34 pounds
ASIN	B07DFYBRJW
Country of Origin	China
Item model number	165W-aquariumlight
Date First Available	May 31, 2018
Item Package Dimensions L x W x H	17.8 x 11.65 x 4.41 inches
Item Dimensions LxWxH	15.7 x 8.3 x 2.4 inches
Brand Name	WILLS
Warranty Description	1 year warranty.
Size	M
Included Components	1 x user instruction, 1 x aquarium light, 1 x power cord, 1 x hanger kits

Specific Uses for Product	Fish tank lighting
Is Discontinued By Manufacturer	No

WARRANTY AND SUPPORT

The WILLIS Aquarium Light comes with a 1-year warranty from the date of purchase. For any product inquiries, technical support, or warranty claims, please contact WillsCase, the seller, directly through your purchase platform. You can also refer to the official User Manual (PDF) for additional information and detailed instructions[User Manual \(PDF\)](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question