



Onforu CTC42UV LED Black Light Instruction Manual

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Onforu CTC42UV LED Black Light



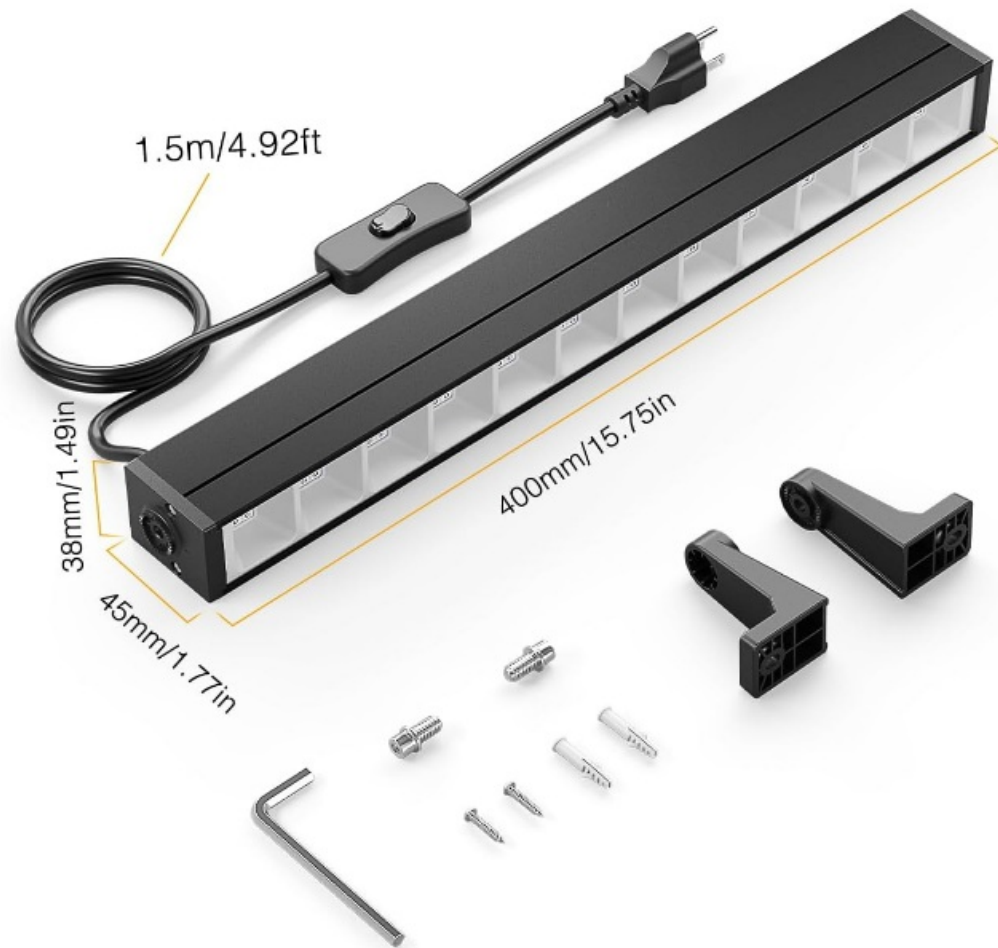
INTRODUCTION

UV curing, fluorescent art displays, and blacklight parties are just a few of the uses for the powerful and high-performing Onforu CTC42UV LED Black Light. Its brilliant, high-intensity UV output from its 27-watt light source makes any glowing effect come to life, making it ideal for both home and business use. With a 120-degree beam angle that provides wide coverage and a Color Rendering Index of 80, this blacklight ensures accurate and vibrant color representation.

Onforu, a respectable company recognized for its creative lighting solutions, is the manufacturer of the Onforu CTC42UV LED Black Light, which retails for \$44.99 and was initially introduced on September 11, 2018. This black lamp is a fantastic purchase for anyone wishing to improve their UV lighting experience because it is made of high-quality materials and comes with an amazing 2-year warranty.

SPECIFICATIONS

Brand	Onforu
Price	\$44.99
Voltage	120 Volts
Light Source Wattage	27 Watts
Color Rendering Index	80
Bulb Shape Size	B11
Beam Angle	120 Degrees
Manufacturer	Onforu
Item Weight	3.78 pounds
Package Dimensions	16.93 x 8.74 x 4.13 inches
Item Model Number	CTC42UV
Volume	10 Liters
Wattage	42 Watts
Warranty Description	2 years
Date First Available	September 11, 2018



WHAT'S IN THE BOX

- LED Black Light
- Manual

FEATURES

- **Strong 42W Black Light:** Each black light bar has 68 premium LEDs that produce intense, steady UV light with a 50,000-hour lifespan.
- **Broad Coverage Area:** It is perfect for huge areas such as rooms, stages, or outdoor sets because it covers an area of 355 square feet.
- **Effective UV Range:** It is safe (Safe-A level) and ideal for fluorescent paints and materials since it emits light with a wavelength between 385 and 400 nm.



- **High Light Transmittance PC Lens** : Compared to other lenses, a PC lens produces purer blacklight due to its greater light transmittance.
- **Perfect for Neon-Color Effects** : Enhances the glow of fluorescent materials and works incredibly well with neon-colored things.
- **Broad Beam Angle**: This beam angle of 120 degrees ensures consistent and wide coverage for a range of applications.
- **No Wire Required** : It is simple to set up and operate without the need for extra wire thanks to its integrated switch and 5.0-foot/1.5-meter power connection.
- **Adjustable Bracket**: This light's bracket can be adjusted 180 degrees, so you may place it at any angle to fit your setup.
- **AC Input Compatibility** : Compatible with regular US power outlets, it operates with AC input between 100V and 120V.
- **Effective Heat Dissipation** : The fixture's fin-shaped heat sink design improves cooling effectiveness and keeps it from overheating when used for extended periods of time.
- **Sturdy Metal Casing**: The premium aluminum casing guarantees the black light's longevity and resistance to deterioration.
- **Safe to Operate**: The device is safe to operate and dependable for long-term applications because it was designed with safety in mind.
- **Long-Lasting**: The 42W power and effective design contribute to a long-lasting light source suitable for a range of occasions and décor.
- **Perfect for Events**: UV illumination is perfect for body painting, glow parties, Halloween décor, and other themed events.
- **The Package Comes with Four Lights** : It is an excellent option for large setups or many event applications because it comes in a 4-pack.

SETUP GUIDE

- **Unpack the Product:** Carefully open the packaging to make sure all the parts are there. Power cords, four blacklight bars, and mounts that can be adjusted.
- **Choose an Appropriate Location:** Pick a space where the black lights will produce the desired effect, such as walls, ceilings, or floors, and have access to a power outlet.
- **Attach the Power Cord:** Insert the 1.5-meter (5.0-foot) power cord into a typical US power socket.
- **Place the Bracket:** To get the best coverage, put the light at the desired angle using the 180° adjustable bracket.
- **Test the Light:** To make sure the light is functioning properly, turn it on using the built-in on/off switch.



- **Test in Dark Conditions:** To fully observe the glowing effect of fluorescent materials, utilize the black light in a dark setting for optimal results.
- **Mount the Light:** For a more permanent installation, fasten the blacklight bar to the wall or ceiling with screws or hooks, if necessary.
- **Use Multiple Lights for Larger Areas:** Since each bar may cover up to 355 square feet, if necessary, distribute the lights over larger areas to achieve uniform coverage.
- **Ensure Proper Ventilation:** To enable effective heat dissipation, make sure there is enough ventilation surrounding the light.
- **Avoid Direct Sunlight Exposure:** To preserve the UV effect, place the black lights away from direct sunlight.
- **Safety First:** To avoid electrical risks, make sure the black light is not in contact with moisture or water.

- **Use for Events:** Place the lights close to body paint stations, neon signs, or special effect props for parties or themed events.
- **Connect Several Units:** To create a more immersive UV lighting experience, place multiple units so their coverage overlaps.
- **Adjust Light Angles:** To achieve a certain light arrangement, fine-tune the angles of the adjustable brackets.
- **Final Setup Check:** Before your event, make sure everything is operating as it should by double-checking all connections and light locations.

CARE & MAINTENANCE

- **Keep Clean:** To avoid dust accumulation and preserve the light's effectiveness, clean the fixture on a regular basis with a dry microfiber cloth.
- **Examine the Lens for Damage:** Look for any cracks or other damage on the PC lens that might compromise the quality of the light.
- **Switch Off When Not in Use:** To extend the life of a light, always switch it off when not in use.
- **Ascertain Proper Ventilation:** Make sure nothing is blocking the fixture's airflow, which could lead to overheating.
- **Examine the Power Cord:** If necessary, replace the power cord after routinely looking for wear or damage.
- **Prevent Water Exposure:** To safeguard the electrical components, keep the black light away from moisture and water.
- **Verify the Fin-Type Heat Sink:** Ensure it is free of obstacles and allowing adequate heat dissipation to check for overheating.
- **Storage in Dry Conditions:** To prevent damage, keep the light in a cool, dry location when not in use.
- **Replace Damaged Parts:** To prevent possible safety risks, replace any damaged light components right away, such as the power cable or bracket.
- **Stay Out of Direct Sunlight:** To avoid discoloration or performance deterioration, keep the light out of direct sunlight for extended periods of time.
- **Use Soft Cleaning Instruments:** Steer clear of abrasive instruments that can scratch the lens or housing when cleaning the light.
- **Check for Dust:** Make sure the lamp is clean and clear of dust accumulation because it can affect how well it performs.
- **Test Frequently:** If the light is being used for events or parties, test it on a regular basis to make sure it is operating correctly.
- **Verify Mounting Stability:** After transportation or movement, make sure the mounting hardware and adjustable bracket are firmly in place.
- **Change the LEDs If Necessary:** If the light becomes dim or stops functioning, it could be time to change the LEDs.

TROUBLESHOOTING

Issue	Possible Solution
Black light not turning on	Ensure the power source is connected properly and check the power cord.
Light dim or weak	Clean the lens to remove any dust or dirt that may be blocking the light.
Flickering light	Verify the AC power connection and check for any loose wires.
Light overheating	Make sure the black light has proper ventilation and is not obstructed.
UV effect not visible	Ensure the objects you are lighting up are UV-reactive.
Unstable or intermittent operation	Check the power adapter and connection for any issues.
No power despite proper connection	Inspect the power cable for damage or wear.
Light not fitting the fixture	Confirm that the bulb is securely installed and compatible with your socket.
Waterproofing failure	Double-check the seals if using outdoors and ensure there are no cracks.
Shortened lifespan	Avoid excessive power surges and ensure the black light is used properly.

PROS & CONS

Pros	Cons
Bright 27W LED output	Relatively heavy at 3.78 pounds
120-degree beam angle for wider coverage	Higher price compared to smaller options
Color Rendering Index of 80	May not be as portable due to size
2-year warranty for peace of mind	Requires AC power
Durable and reliable for indoor/outdoor use	Limited to UV lighting applications

WARRANTY

The Onforu CTC42UV LED Black Light comes with a **2-year warranty**. This warranty protects you against any manufacturing defects and guarantees that the product will function properly under normal usage.

FREQUENTLY ASKED QUESTIONS

Why isn't my Onforu CTC42UV LED Black Light turning on?

Check the power connection and ensure the Onforu CTC42UV LED Black Light is plugged in securely. Make sure the power switch is functioning properly and the light is receiving power.

Why is my Onforu CTC42UV LED Black Light flickering?

Flickering could be caused by an unstable connection or a faulty bulb. Check the wiring and make sure the bulb is properly seated. Consider replacing the bulb if the issue persists.

Why isn't the Onforu CTC42UV LED Black Light producing enough UV light?

If the light isn't producing the desired UV intensity, the bulb may be wearing out or the light source wattage may not be sufficient for your intended application. Try replacing the bulb with a compatible one.

Why is my Onforu CTC42UV LED Black Light overheating?

Overheating can occur if the light is used in a poorly ventilated area. Ensure that the light is in a well-ventilated environment and not obstructed by surrounding objects.

What should I do if my Onforu CTC42UV LED Black Light is not responding to the power switch?

If the Onforu CTC42UV LED Black Light isn't responding to the power switch, try resetting the unit by turning it off and unplugging it for a few minutes before reconnecting and turning it back on.

What is the wattage of the Onforu CTC42UV LED Black Light?

The Onforu CTC42UV LED Black Light has a wattage of 42 watts, offering powerful UV lighting for a variety of applications.

What is the voltage required for the Onforu CTC42UV LED Black Light?

The Onforu CTC42UV LED Black Light operates at a voltage of 120 volts, making it suitable for standard household outlets.

What is the bulb shape size for the Onforu CTC42UV LED Black Light?

The Onforu CTC42UV LED Black Light features a B11 bulb shape size, ideal for creating focused UV

lighting effects.

VIDEO – PRODUCT OVERVIEW



<https://manuals.plus/wp-content/uploads/2025/03/Onforu-CTC42UV-LED-Black-Light-Instruction-Manual.mp4>

- [User Manual](#)

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