

## UNIVERSO TK08-100W

# UNIVERSO TK08-100W Solar LED Floodlight User Manual

Model: TK08-100W

Brand: UNIVERSO

### INTRODUCTION

Thank you for purchasing the UNIVERSO TK08-100W Solar LED Floodlight. This manual provides essential information for the safe and efficient use of your product. Please read it thoroughly before installation and operation, and retain it for future reference.

### SAFETY INSTRUCTIONS

- Ensure all components are intact before installation.
- Do not attempt to disassemble or modify the product.
- Keep the solar panel clean for optimal charging performance.
- This product is designed for outdoor use with an IP65 rating, protecting against dust and water jets.
- Avoid placing the solar panel in shaded areas to ensure maximum sunlight exposure.
- Dispose of the product and its battery responsibly according to local regulations.

### PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- UNIVERSO TK08-100W LED Floodlight
- Solar Panel (15W)
- Remote Control
- 2-meter Connection Cable
- Mounting Hardware (screws, anchors - typical for installation)

### PRODUCT OVERVIEW

The UNIVERSO TK08-100W is a high-performance solar-powered LED floodlight designed for outdoor illumination. It features a 1000 lumen output, a 90° beam angle, and a durable aluminum body with an IP65

rating. The independent solar panel charges a 10,000mAh battery, providing 10-12 hours of illumination after 5-6 hours of charging. A remote control allows for convenient operation, including brightness adjustment and timer settings.



Image showing the UNIVERSO TK08-100W LED floodlight, its separate solar panel, and the included remote control. The floodlight features multiple LED chips, and the solar panel is designed for efficient energy capture.

## SETUP AND INSTALLATION

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### 1. Solar Panel Placement

Choose a location for the solar panel that receives direct sunlight for at least 5-6 hours daily. Avoid shaded areas from trees, buildings, or other obstructions. The panel is independent and connects to the floodlight via the 2-meter cable.

### 2. Floodlight Mounting

Mount the LED floodlight in the desired illumination area. Ensure it is securely fastened using appropriate mounting hardware. The floodlight's dimensions are 210mm x 160mm x 30mm.

### 3. Connection

Connect the 2-meter cable from the solar panel to the floodlight. Ensure the connection is secure and waterproof.

### 4. Initial Charge

Allow the solar panel to charge the floodlight's battery for a full day (5-6 hours of direct sunlight) before first use to ensure optimal performance.

## OPERATING INSTRUCTIONS

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The floodlight is operated using the included remote control.

Remote Control Functions

- **ON/OFF Button:** Press to manually turn the floodlight on or off.
- **Brightness Adjustment:** Use the brightness buttons (usually marked with '+' and '-') to increase or decrease the light intensity.
- **AUTO Mode:** Press the 'AUTO' button to activate automatic operation. In this mode, the floodlight will turn on at dusk and turn off at dawn, provided there is sufficient battery charge.
- **Timer Settings:** Press the '3H', '5H', or '8H' buttons to set the floodlight to turn off automatically after 3, 5, or 8 hours of operation, respectively.

MAINTENANCE

- **Cleaning the Solar Panel:** Regularly clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **Cleaning the Floodlight:** Wipe the floodlight's lens and body with a soft cloth. Do not use abrasive cleaners.
- **Battery Care:** The integrated 10,000mAh battery is designed for long life. For optimal performance, ensure the unit receives regular sunlight exposure.

TROUBLESHOOTING

- **Light does not turn on:**
  - Ensure the solar panel is receiving direct sunlight and is clean.
  - Check the connection cable between the solar panel and the floodlight.
  - Verify the battery has sufficient charge (allow a full day of charging).
  - Ensure the 'ON' button or 'AUTO' mode is activated via the remote control.
- **Light duration is short:**
  - The solar panel may not be receiving enough direct sunlight for a full charge. Relocate the panel if necessary.
  - The battery may not be fully charged.
  - Environmental factors like extreme cold can affect battery performance.
- **Remote control not working:**
  - Check the battery in the remote control and replace if necessary.
  - Ensure there are no obstructions between the remote and the floodlight's sensor.

SPECIFICATIONS

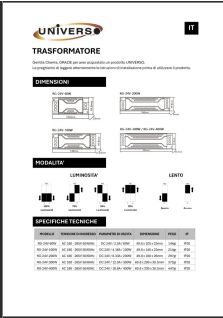
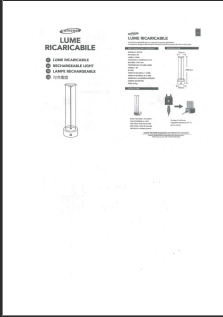
Model:	TK08-100W
Brand:	UNIVERSO
Equivalent Power:	100W
Luminous Flux:	1000 lumens
Beam Angle:	90°

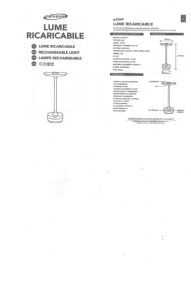


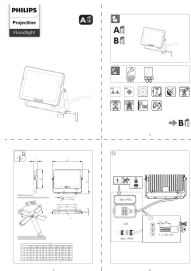
Color Temperature:	6500K
Ingress Protection (IP) Rating:	IP65
Body Material:	Aluminum
Body Color:	Gray
Solar Panel Power:	15W
Battery Capacity:	10,000mAh
Charging Time:	5-6 hours (direct sunlight)
Illumination Autonomy:	10-12 hours
Connection Cable Length:	2 meters
Floodlight Dimensions:	210mm x 160mm x 30mm
Solar Panel Dimensions:	350mm x 190mm x 15mm
Control Method:	Remote Control
Specific Uses:	Garden, Patio, Terrace, Driveway

### WARRANTY AND SUPPORT

For warranty information or technical support, please refer to your purchase documentation or contact the retailer. Keep your proof of purchase for any warranty claims.

### Related Documents - TK08-100W

	<p><a href="#">UNIVERSO RG-24V Series Transformers - Technical Specifications and Installation Guide</a></p> <p>Detailed technical specifications, dimensions, and operational modes for UNIVERSO RG-24V series transformers (60W to 400W). Includes input voltage, output parameters, weight, and IP rating.</p>
	<p><a href="#">UNIVERSO Rechargeable Light D39-3C - Specifications and Usage Guide</a></p> <p>Discover the UNIVERSO Rechargeable Light (Model D39-3C). This document provides technical specifications, dimensions, and operating instructions for this versatile LED lamp.</p>

	<p><a href="#">UNIVERSO Rechargeable Light D38-3C User Guide and Specifications</a></p> <p>Detailed specifications, features, and operating instructions for the UNIVERSO D38-3C rechargeable LED light. Includes information on power, battery, dimensions, and usage.</p>
	<p><a href="#">UNIVERSO ART. B90-B White Pendant Lamp with E27 Socket</a></p> <p>Product specifications for the UNIVERSO ART. B90-B pendant lamp. Features E27 socket, 60W max bulb, white iron construction, IP20 rating, and a 5-year warranty. Ideal for indoor use.</p>
	<p><a href="#">Universa E27 A91-5 Pendant Lamp - Vintage Wood, Rope, Iron Design</a></p> <p>Explore the Universa E27 A91-5 pendant lamp, a stylish lighting fixture featuring a vintage design with a combination of wood, hemp rope, and artisanal iron. Ideal for creating ambiance in living rooms, lounges, or kitchens, this lamp supports up to five E27 bulbs (max 60W each). Weighing 4kg, it offers durability and a unique aesthetic. Product dimensions: 1000mm width.</p>
	<p><a href="#">Philips Projectline Floodlight - Product Information and Installation Guide</a></p> <p>Detailed information on the Philips Projectline Floodlight, including specifications, dimensions, installation guidelines, and energy efficiency class. Suitable for outdoor illumination.</p>