

LOWELTOTA<sup>®</sup> LED  
DAYLIGHT LED FLOODLIGHT

USER MANUAL



lowel <sup>®</sup>

## TOTA-LED INTRODUCTION

The TOTA-LED is a portable flood light that emits 4275 lux (@ 1 m) of flicker-free continuous light. It operates on AC or battery power, and it draws only 70 W to deliver the equivalent output of a 750 W tungsten bulb. This durable and road-ready light fixture produces a bright 65° beam that's ideal for illuminating large areas such as ballrooms. By using the built-in barndoors, the TOTA-LED can also be used as a background light or to increase the ambient light level of a room.

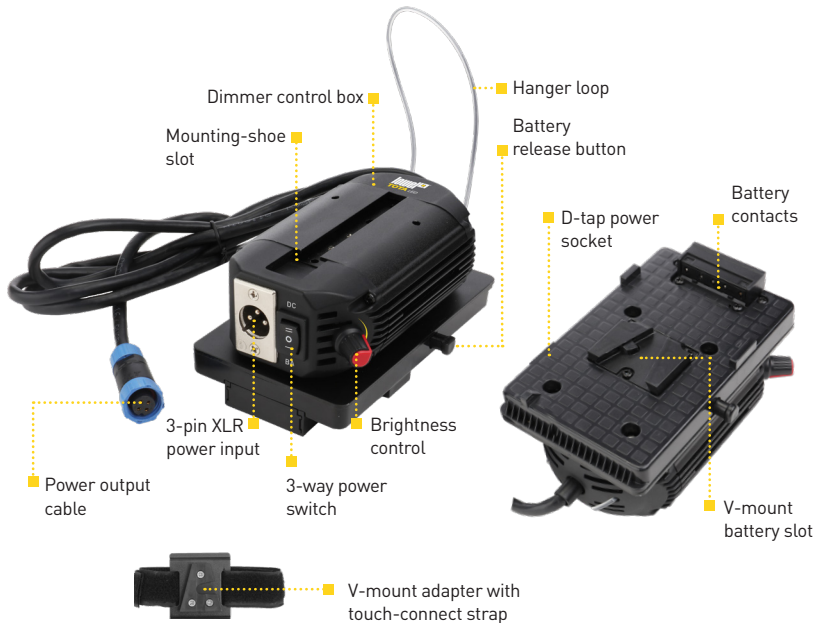
The TOTA-LED is daylight balanced (5600 K) and with a CRI of 96.3, it delivers excellent color accuracy. Its power output is controlled by a stepless dimmer knob that ranges from 100% to 0% brightness. An included diffuser softens the light, broadens the beam to 100°, and minimizes the multiple shadows that are often associated with LED lighting. The TOTA-LED generates minimal heat, and it allows you to use the light throughout long events like weddings, without overheating. The fixture can also be placed close to subjects like models, animals, or food, without overheating them.

## PRODUCT CONTENTS

- LOWEL TOTA-LED floodlight with yoke
- Power source
- AC power adapter and power cord
- Diffuser
- V-mount attachment strap
- Carry case

## PRODUCT OVERVIEW





## PRECAUTIONS



- Please read and follow these instructions, and keep this manual in a safe place.
- Make sure the power is off when the light is not in use.
- Keep this unit away from water and any flammable gases or liquids.
- Make sure the unit is powered off when plugging it into a power source.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair the equipment—doing so will void the warranty, and Lowel will not be responsible for any damage.
- Handle the unit with care.
- To ensure stability of the light, a counter weight attached to the yoke may be necessary.
- The power supply is listed as a class 2, LPS power unit.
- Do not stare directly at the lights when they are powered on.
- Clean the unit with only a soft, dry cloth.
- Keep this unit away from children.
- Use only parts provided by the manufacturer.
- Make sure the item is intact and that there are no missing parts.
- All images are for illustrative purposes only.

## MOUNTING THE LIGHT

The two-way 5/8-inch receiver allows the yoke to be mounted vertically or horizontally.

Mount the yoke horizontally to use the TOTA-LED as a flood light. (Figure A)

Mount the yoke vertically to add an umbrella to your setup. (Figure B)

1. Make sure the tilt locking knob is fully tightened.
2. Loosen the locking knob, and place the 5/8-inch receiver on a light stand.
3. Tighten the locking knob until secure.
4. Loosen the tilt locking knob to adjust the angle of the light, and tighten.



## POWERING THE TOTA-LED

The TOTA-LED can be powered directly from an AC outlet or by a V-mount battery (not included).

### Using the TOTA-LED with AC power

**Important!** The TOTA-LED is a multivoltage fixture capable of running on 100–240 V, 50/60 Hz. The included cable has a 120 V, 50 Hz (North American) plug. To use this fixture with other voltages, you must use a plug adapter (sold separately).

1. Connect the AC power adapter to the dimmer control box with the 3-pin XLR power cable, and plug the power cable into an outlet.



## POWERING THE TOTA-LED (CONTINUED)

2. To connect the power output cable to the TOTA-LED's 4-pin connector, align the internal notch and channel of the two connectors and press the two together. Then tighten the locking collar until secure.

**Important!** The connectors should easily attach. Don't use force to connect the control box to the light fixture.



### To move the control box safely out of the way and avoid clutter:

1. Align the yoke's mounting foot with the mounting shoe on the top of the control box.
2. Insert the foot into the mounting shoe, and slide the foot into the slot. Tighten the locking wheel until secure.





## POWERING THE TOTA-LED (CONTINUED)

### Alternative method:

1. Wrap the touch-connect strap securely around the AC adapter.
2. Insert the V-mount adapter into the V-mount slot of the control box until it clicks into place.
3. Once the AC adapter is secured to the control box, use the hanger loop to hang the control box on a hook or on your light stand.



### Using the TOTA-LED with Battery Power

1. When attaching a V-mount battery, make sure the power switch is in the off position, and disconnect the AC adapter so the control box is not plugged into a wall outlet.
2. Align the battery terminals with the contacts in the battery mount.
3. Place the battery down into the mount, and push the battery toward the contacts until it clicks into place.

Gold-mount style batteries can be used by connecting them to the control box with a D-tap power cable (not included).



## ADJUSTING THE LIGHT

### Brightness Control

The brightness control on the control box can adjust the output from 100% to 0%.

### Diffuser

A diffuser is included to soften and spread the light. It will also eliminate the multiple shadows that can be caused by the LED array.

Insert the diffuser by sliding it into the diffuser slots.

For a more direct light with greater contrast and higher output, remove the diffusion filter.

### Flaps

Adjust the barndoor flaps to aim the beam and contain light spill.

### Umbrella

An umbrella hole and locking knob are built into the yoke and angled so the light will be centered when the umbrella is added to your setup. The yoke will accommodate an umbrella up to 45 inches.

### Gel Filters

Use the integrated gel clips on the barndoors to hold a gel filter (not included).

### Adding Light-Shaping Accessories

The 1/4-20 mounting socket is perfect for adding a gooseneck or articulated arm to hold accessories such as gobos, flags, fingers, and dots.

## PRODUCT SPECIFICATIONS

**LED Count:** 160

**Color Temperature:** 5600K

**Dimming:** 100% to 0%

**Luminance:** 4275 lx @ 1 m

**Coverage:** 65° (without diffuser)  
100° (with diffuser)

**CRI:** >96.3

**TLCI:** >95.3

**Electrical Consumption:** 70 W

**Tungsten Output Equivalent:** 750 W

**AC Operating Voltage:** 100 to 240 V, 50/60 Hz

**Battery Mount Type:** V-mount

**DC Operating Voltage:** 16 V, 5 A

**AC Adaptor:** SP-AC15 (16 V/5 A)

**Bulb Life:** 50,000 hr.

**Battery:** 14.8 V

**Power Cord Length:** 9.5 ft. (2.9 m)

**Material:** Metal chassis

**Lamp Base:** L-bracket yoke

**Weight (with control box):** 5.2 lb. (2.3 kg)

**Dimensions (H × W × D):** 7.5 × 12.1 × 3.4 in.  
(19 × 30.7 × 8.6 cm)

## ONE-YEAR LIMITED WARRANTY:

Lowel-Light Manufacturing, Inc. ("Lowel") warrants this product to the original purchaser, under normal use, in accordance with operating instructions, will perform to the specifications published by Lowel at the time of purchase, for a period of one year from the date of purchase by the consumer.

In the event of a defect reported by the consumer within the applicable time period, Lowel will, at its option, replace or repair the defective merchandise at no charge to the consumer for either parts or labor. If the product has been discontinued Lowel reserves the right to replace the product with a model of equivalent quality and function.

### Warranty Exclusions

THE WARRANTY SET FORTH ABOVE IS THE ONLY WARRANTY MADE BY LOWEL WITH RESPECT TO THIS LOWEL PRODUCT AND LOWEL DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY LIABILITY WITH RESPECT TO SAME WHETHER IN CONTRACT, TORT OR OTHERWISE. IN NO EVENT SHALL LOWEL BE LIABLE FOR LOST PROFITS, OR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES INCURRED BY THE CONSUMER.

Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

To obtain warranty coverage, email Tiffen Technical Support at [techsupport@tiffen.com](mailto:techsupport@tiffen.com) or call 1-800-645 2522 to obtain a Return Authorization (RA) number, return the defective product to Tiffen. Please be sure to include the RA number and proof of purchase. Shipment of the defective product is at the purchasers own risk and expense.

For more information email us at [info@tiffen.com](mailto:info@tiffen.com).

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