



Manuals.plus /

› TORCHSTAR /

› TORCHSTAR 3CCT LED Barn Light (Model 89468) - Instruction Manual

TORCHSTAR 89468

TORCHSTAR 3CCT LED Barn Light (Model 89468) - Instruction Manual

Dusk to Dawn Area Light with Selectable Wattage and Color Temperature

1. INTRODUCTION

Thank you for choosing the TORCHSTAR 3CCT LED Barn Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new outdoor lighting fixture. Please read these instructions thoroughly before installation and retain them for future reference.

2. WHAT'S IN THE BOX

Verify that all components are present and undamaged before proceeding with installation.

- TORCHSTAR 3CCT LED Barn Light Fixture
- Mounting Hardware (screws, plastic anchors, wire nuts)
- Instruction Manual

3. SPECIFICATIONS

Model Number	89468
Brand	TORCHSTAR
Power Consumption	40W/60W/80W Selectable
Luminous Flux	4800lm (40W), 7200lm (60W), 9600lm (80W)
Color Temperature	3000K (Warm White), 4000K (Neutral White), 5000K (Cool White) Selectable
Voltage	120-277V AC
Beam Angle	130°
Adjustable Head	Up or down by 120°
Waterproof Rating	IP65
Material	Aluminum Housing
Lifespan	50,000 hours
Certifications	ETL Listed

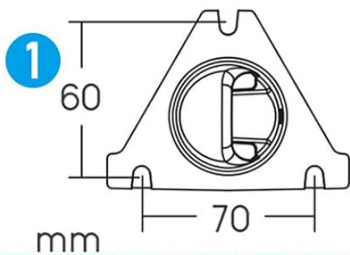
4. SETUP AND INSTALLATION

Important: Ensure power is turned off at the circuit breaker before installation. If you are unsure about electrical wiring, consult a qualified electrician.

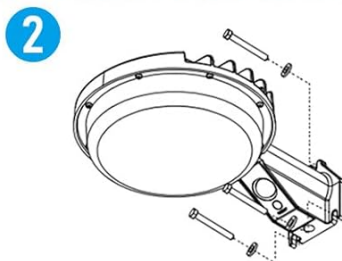
4.1 Mounting Options

The TORCHSTAR LED Barn Light supports both wall mount and pole (tenon) mount installations.

WALL MOUNT



1 Drill 3 holes on the chosen mounting surface using the fixture arm as the template



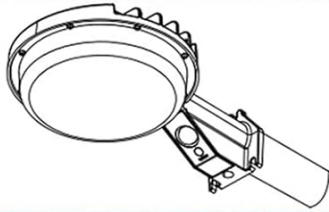
2 Use the 3 included mounting lag screw with 3 plastic anchors to secure the fixture into pre-drilled pilot holes. Ensure fixture is securely fixed to the wall

POLE (TENON) MOUNT



1 Remove the pole mounting screw from the fixture arm

2



Slide the fixture onto the tenon pole (sold separately)

3

Using the screw you removed in an early step, re-attach in the same hole and tighten until the fixture is secured to the pole

Figure 1: Installation Methods. This image illustrates the two primary installation methods: wall mount and pole (tenon) mount. For wall mounting, drill three holes using the fixture arm as a template, then secure with lag screws and plastic anchors. For pole mounting, remove the pole mounting screw, slide the fixture onto a tenon pole (sold separately), and re-attach the screw to secure it.

TILT TO EXPAND LIGHT, NOT GLARE

Up to 180° Adjustable Rotation for Precise Illumination



Wall Mount



Pole Mount (Sold Separately)

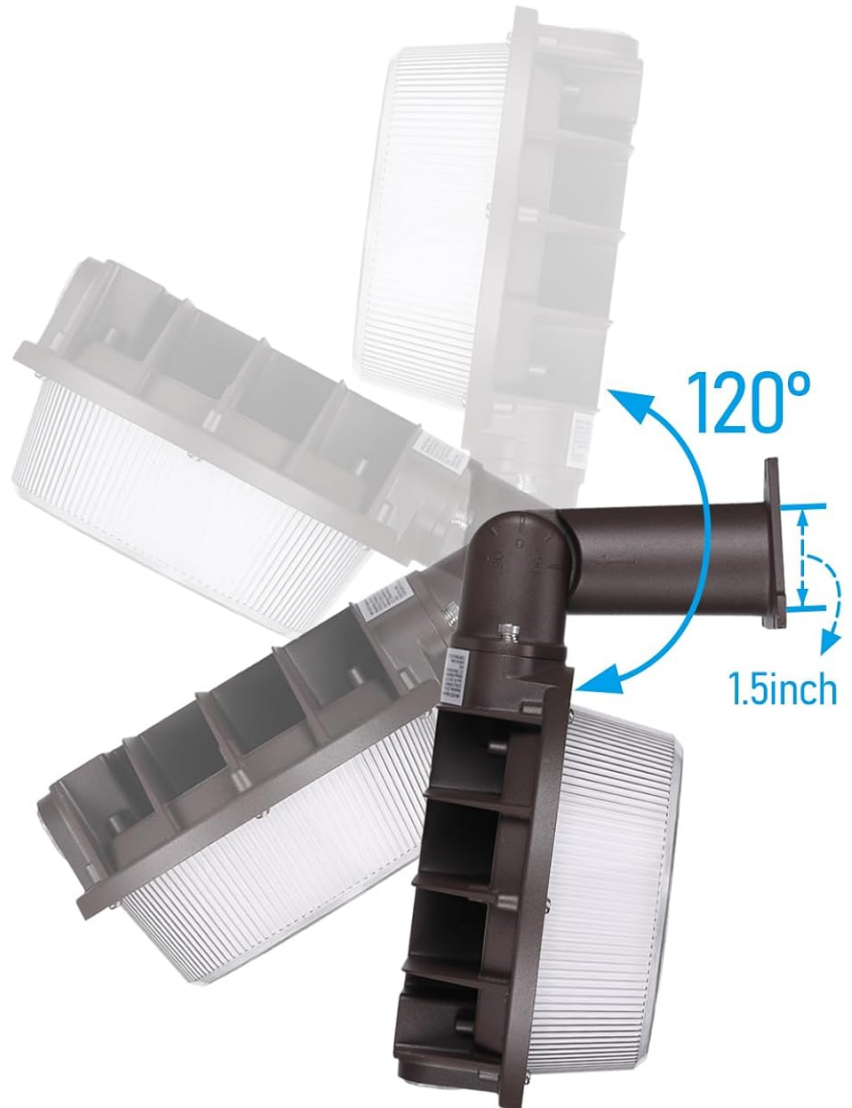


Figure 2: Adjustable Head and Mounting Examples. The light head can be adjusted up or down by 120 degrees for precise illumination. Examples of the light mounted on a wall and on a pole are shown.

4.2 Wiring Instructions

1. Connect the **black wire** from the fixture to the **live/hot wire** from your power supply.
2. Connect the **white wire** from the fixture to the **neutral wire** from your power supply.
3. Connect the **green wire** from the fixture to the **ground wire** from your power supply.
4. Secure all connections with appropriate wire nuts and ensure they are properly insulated.

4.3 Suggested Mounting Height

For optimal light distribution, it is recommended to mount the fixture at a maximum height of 25 feet.

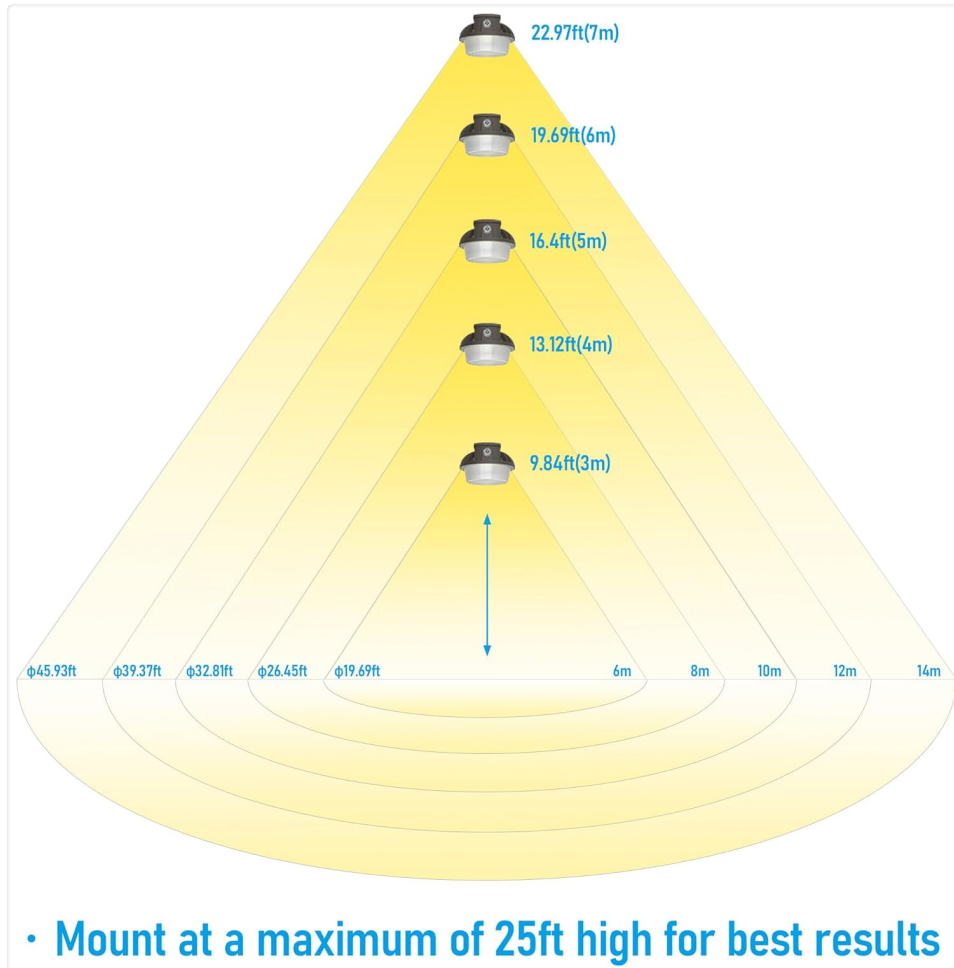


Figure 3: Light Spread at Various Heights. This diagram shows the approximate light coverage (forward throw and wall spread) at different mounting heights (Z) for the 80W setting. For wall-mount applications, forward throw (X) is approximately half of the wall spread (Y).

5. OPERATING INSTRUCTIONS

The TORCHSTAR LED Barn Light features adjustable wattage, selectable color temperature, and a dusk-to-dawn photocell for automated operation.

5.1 Adjustable Wattage and Color Temperature

The fixture allows you to select between 40W, 60W, or 80W power consumption and 3000K, 4000K, or 5000K color temperatures. These settings are typically adjusted via internal switches on the fixture before final installation or by accessing the fixture if already installed. Refer to the product diagram for switch locations.

MAXIMUM VERSATILITY ALL IN 1

3 Power Modes, Effortlessly Illuminate up to 50 ft (80W)

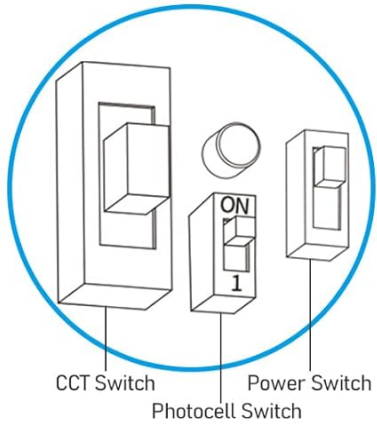
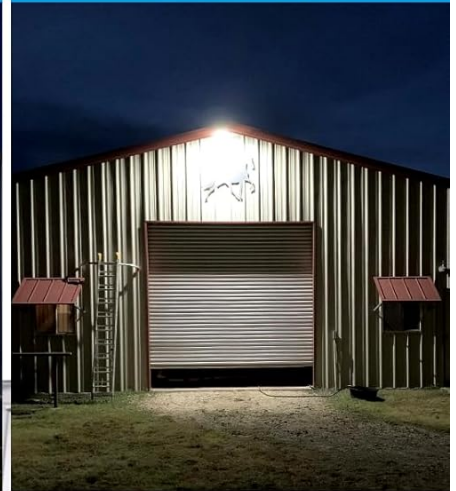
80W-9600lm



60W-7200lm



40W-4800lm



CCT Switch

Power Switch

Photocell Switch

Flip. Choose. Glow

9 Modes, Brightness and Color Your Way



Figure 4: Versatility Controls. This image highlights the switches for selecting wattage (40W/60W/80W) and color temperature (3000K/4000K/5000K), along with the integrated photocell.

3 COLOR TEMPERATURE SELECTABLE



Voltage
AC120-277V



Certification
ETL



Warranty
3 Years

3000K Warm White



4000K Cool White



5000K Daylight



Figure 5: Color Temperature Selection. Visual examples of 3000K Warm White, 4000K Cool White, and 5000K Daylight are shown, along with voltage, ETL certification, and 3-year warranty information.

5.2 Dusk-to-Dawn Operation

The integrated photocell sensor automatically detects ambient light levels. The light will turn on at dusk and turn off at dawn, providing energy-efficient operation without manual intervention.

TORCHSTAR AREA LIGHT OFFERS THE LATEST IN LED LIGHTENING TECHNOLOGY

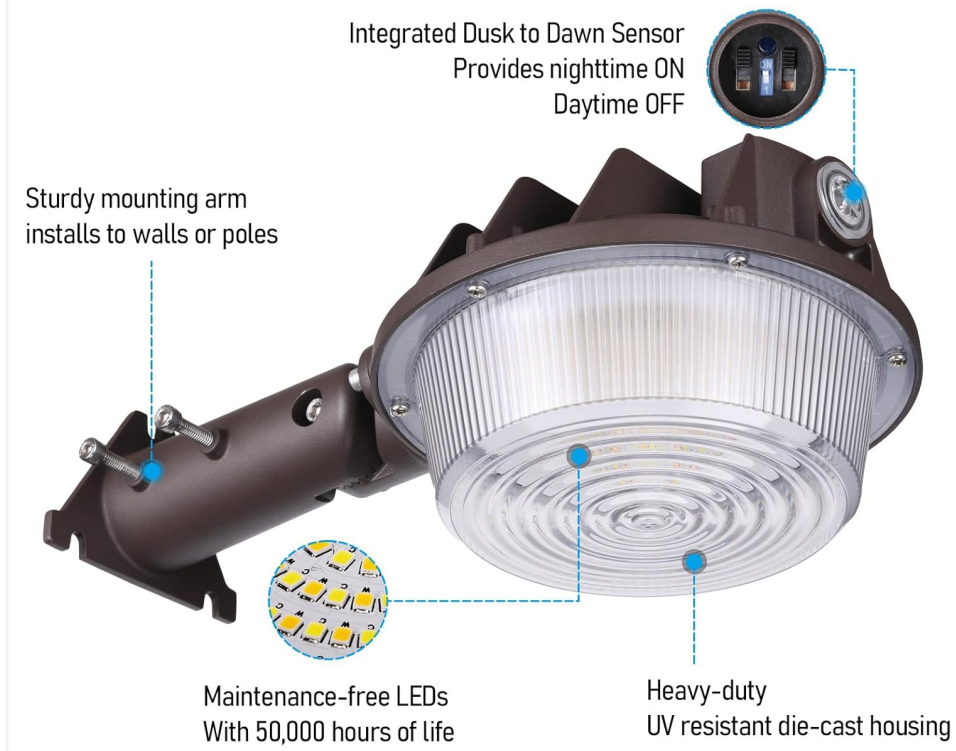


Figure 6: Integrated Dusk-to-Dawn Sensor. This diagram highlights the photocell sensor, sturdy mounting arm, maintenance-free LEDs with 50,000 hours of life, and heavy-duty UV resistant die-cast housing.

6. MAINTENANCE

The TORCHSTAR LED Barn Light is designed for long-term, maintenance-free operation. The durable aluminum housing is corrosion and rust-resistant. Periodically clean the lens with a soft, damp cloth to ensure optimal light output. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING GUIDE

If the fixture fails to operate properly, use the guide below to diagnose and correct the problem:

1. Verify that power is turned on at the switch and breaker box.
2. Verify that the fixture is wired properly.
3. Test that line voltage is correct.
4. Test if the photocell works properly. The photocell is designed to turn on at low light levels.
5. If the light does not come on or stay on, test the photocell by covering it. If it's operating properly, the light should come on.
6. Shine a flashlight into the photocell. The light should go off.

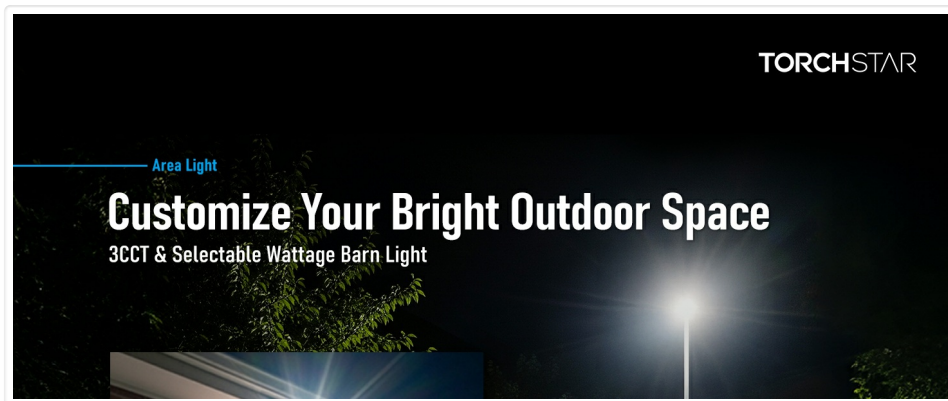


Figure 7: Product Features Overview. This image provides a summary of key features including the adjustable mounting arm, wide voltage range (120-277V AC), 3CCT selectable color temperature, selectable wattage, and IP65 waterproof rating.

8. PRODUCT VIDEOS

Video 1: 80W 3CCT LED Barn Light Overview. This video provides a general overview of the TORCHSTAR 80W 3CCT LED Barn Light, showcasing its features and functionality.

9. WARRANTY AND SUPPORT

This product comes with a **3-year warranty** from the date of purchase. TORCHSTAR is committed to providing lifelong customer service. For any questions, issues, or warranty claims, please contact TORCHSTAR customer support through their official channels.