

## HYPRELITE KM

# HYPRELITE LED Flood Light User Manual

Model: KM | Brand: HYPRELITE

## 1. PRODUCT OVERVIEW

The HYPRELITE LED Flood Light is a high-performance outdoor lighting solution designed for illuminating large spaces such as courts, gardens, and warehouses. This 240W model delivers an impressive 28,800 lumens of 5000K daylight, providing bright and efficient illumination. Its robust construction ensures durability and reliable performance in various environmental conditions.



Figure 1: HYPERLITE 240W LED Flood Light

## Key Features:

- **High Brightness:** 240W power with 28,800 lumens and 5000K daylight for superior illumination.
- **Energy Efficient:** Offers significant energy savings compared to traditional lighting.
- **Durable & Waterproof:** IP65 rated for outdoor use, resistant to rain, snow, heat, and frost. Features a built-in respirator to prevent water mist.
- **UL Certified:** Ensures safety and compliance with electrical standards.
- **Robust Construction:** Heavy-duty die-cast aluminum housing, tempered glass lens, and smart cooling fins for longevity.
- **Wide Beam Angle:** 120° beam angle effectively brightens large indoor and outdoor areas.



120LM/W

# 240W Bright & Wider Lighting



28800LM



Beam Angle



Figure 2: High Brightness and Wide Beam Angle

# Protect Glass Casing From Breaking Up

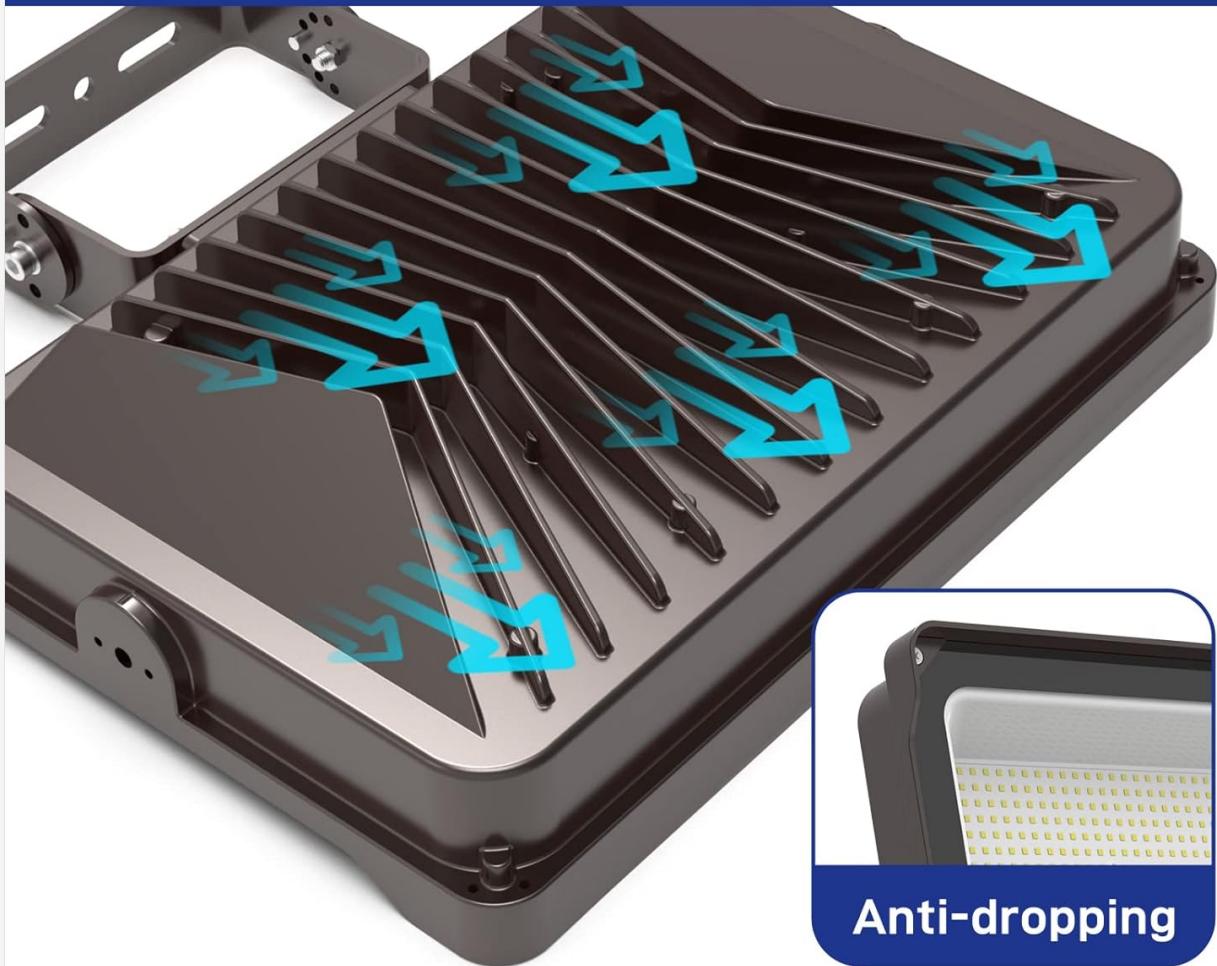


Figure 3: Efficient Heat Dissipation and Anti-dropping Design

## 2. WHAT'S IN THE Box

Please check the contents of your package to ensure all items are present and undamaged.

- HYPERLITE LED Flood Light (240W)
- Mounting Hardware
- U-bracket Mount/Trunnion Mount
- Instruction Manual

## 3. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	HYPRLITE
Model	KM
Wattage	240 Watts
Brightness	28,800 Lumens
Color Temperature	5000 Kelvin (Daylight)
Material	Aluminum (Housing), Glass (Lens)
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	IP65 Waterproof
Voltage	120 Volts (AC)
Product Dimensions	17" L x 15.5" W x 3.93" H
Item Weight	11 Pounds
Installation Type	Flush Mount
Control Method	Remote (Note: Remote not included, refers to remote-ready capability)
Switch Type	Photocell (Note: Photocell not included, refers to photocell-ready capability)



Figure 4: Product Dimensions

## Light up your dark areas



Figure 5: Internal Components of the Flood Light

## 4. SETUP AND INSTALLATION

The HYPERLITE LED Flood Light is designed for straightforward installation. It comes with a trunnion bracket that allows for flexible mounting and angle adjustment.

### Important Notes Before Installation:

- **No Plug Included:** This flood light does not come with a pre-attached plug. Professional electrical installation is recommended.
- **Power Disconnection:** Always ensure the power supply is disconnected at the circuit breaker before beginning any installation work to prevent electrical shock.
- **Wire Length:** The wire length is approximately 11.8 inches (30 cm). Plan your wiring accordingly.

### Installation Steps:

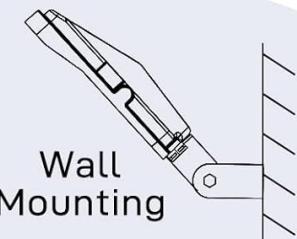
1. **Choose Mounting Location:** Select a suitable location for the flood light, considering the desired illumination area and proximity to a power source. Common mounting options include wall, floor, or ceiling.
2. **Secure the Trunnion Bracket:** Use the provided mounting hardware to securely attach the trunnion bracket to the chosen surface. Ensure the surface can support the weight of the fixture.
3. **Mount the Flood Light:** Attach the flood light fixture to the trunnion bracket using the appropriate screws.
4. **Adjust Angle:** The trunnion bracket allows for a 0° to 180° adjustment. Loosen the side bolts, adjust the light to the desired angle, and then securely tighten the bolts.
5. **Electrical Connection:** Connect the flood light's wires to your electrical system. This typically involves connecting the live, neutral, and ground wires to the corresponding wires from your power supply. If unsure, consult a qualified electrician.
6. **Test Functionality:** Once installed and wired, restore power and test the flood light's operation.

# Multiple Simple Installation Methods

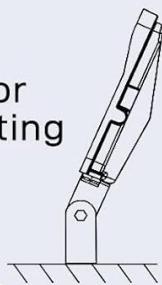
NOTE: This flood light has no plug!



Wire length 11.8inch/30cm



Wall  
Mounting



Floor  
Mounting



Ceiling  
Mounting

Figure 6: Multiple Simple Installation Methods (Wall, Floor, Ceiling)

# Flexible Adjustment

180°



Figure 7: Flexible 180° Angle Adjustment

## 5. OPERATING INSTRUCTIONS

Operating the HYPERLITE LED Flood Light is straightforward once properly installed.

- **Power On/Off:** The flood light is controlled by the main power switch it is wired to. Flip the switch to turn the light on or off.
- **Photocell (Optional):** If a photocell sensor (not included) is integrated into your electrical system, the light will automatically turn on at dusk and off at dawn.
- **Remote Control (Optional):** If wired to a compatible remote control system (not included), the light can be operated remotely.



## Shop



Figure 8: Flood Light Illuminating a Yard and Shop Area

## 6. MAINTENANCE

The HYPERLITE LED Flood Light is designed for minimal maintenance due to its durable construction and IP65 waterproof rating.

- **Cleaning:** Periodically clean the tempered glass lens with a soft, damp cloth to ensure optimal light output. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Inspection:** Annually inspect the mounting hardware and electrical connections for any signs of wear, corrosion, or loosening. Tighten any loose connections or bolts.
- **Environmental Protection:** The IP65 rating ensures protection against dust and water jets. The built-in respirator helps prevent internal condensation, maintaining clear illumination even in challenging weather conditions.



Figure 9: IP65 Waterproof Design for All-Weather Performance

## 7. TROUBLESHOOTING

If you encounter issues with your HYPERLITE LED Flood Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty switch/breaker	Check power source and circuit breaker. Verify all wiring connections are secure (ensure power is off first). Test the switch or breaker.
Light is dim or flickers	Low voltage Loose wiring Dust/dirt on lens	Ensure stable voltage supply. Check and tighten all electrical connections. Clean the lens with a soft, damp cloth.

Problem	Possible Cause	Solution
Light turns on/off randomly	Interference with photocell (if installed) Loose wiring	Ensure photocell is not obstructed or exposed to other light sources. Check and secure all wiring connections.

If the problem persists after attempting these solutions, please contact HYPERLITE customer service for further assistance.

## 8. WARRANTY AND SUPPORT

HYPERLITE stands behind the quality of its products.

### Warranty:

This HYPERLITE LED Flood Light comes with a**24-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### Customer Support:

Our dedicated customer service team is committed to providing top-notch assistance during the pre-sale, in-sale, and after-sales process. For any questions, technical support, or warranty inquiries, please visit the official HYPERLITE store or contact us through the Amazon platform.

**HYPERLITE Store:** [Visit the HYPERLITE Store on Amazon](#)