



# AQUABRIGHT 2

## LED Tri-Proof Light

High-Durability Lighting for Industrial and Harsh Environments



The AquaBright LED Tri-Proof Light is a durable and versatile lighting solution engineered for demanding environments where resistance to dust, moisture, and impact is essential. Designed with field-adjustable wattage and selectable color temperature via built-in DIP switches, AquaBright allows one fixture to replace multiple SKUs, simplifying inventory and installation planning. The housing and lens are constructed of impact-resistant polycarbonate, with tamper-resistant stainless steel clips and a fully sealed IP66 design that stands up to washdown, wet, and dusty conditions. AquaBright supports surface or chain mounting and is compatible with an optional microwave motion sensor and emergency battery driver for smart, code-ready installations.

### PRODUCT FEATURES

- Field-selectable wattage: 20W / 30W / 45W
- High Efficacy Up to 150 lm/W
- Selectable CCT: 3500K / 4000K / 5000K
- 0-10V dimmable
- Impact-resistant polycarbonate housing and lens
- Smooth, diffused lens for even light distribution with UV resistance
- Dust-tight and waterproof IP66 design
- Light spread 120°
- Tamper-resistant stainless steel lens clips
- Surge Protection: 2kV
- Waterproof connector (one end); knockouts on both ends
- Wide input voltage 120-277V AC
- UL listed
- 5-year warranty

### CONTROLS & ACCESSORIES

- Microwave motion sensor (optional)
- Surface mount bracket (included)
- Chain mount kit (optional)

### APPLICATIONS

- Stairwells and hallways
- Parking garages and garage structures
- Warehouses and logistics centers
- Utility and storage areas
- Food processing plants
- Cold storage facilities
- Car washes and washdown environments
- Commercial and industrial facilities

### ELECTRICAL SPECIFICATIONS

- Input Voltage: 120-277V AC, 50/60Hz
- Wattage Options: 20W / 30W / 45W
- Max Lumens: Up to 6,750 lm
- Lumen Efficacy: Up to 150 lm/W
- Color Temperature: 3500K / 4000K / 5000K
- CRI: >80
- 0-10V Dimmable
- Light Spread: 120°
- Power Factor:  $\geq 0.90$
- THD: <20%
- Surge Protection: 2kV
- Operating Temperature: -40°C to +45°C (-40°F to 113°F)

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### WHY CONTRACTORS CHOOSE AQUABRIGHT

- One fixture, multiple configurations with adjustable wattage and CCT
- Designed for wet, dusty, and industrial environments
- High-efficacy lighting (up to 150 lm/W) reduces energy consumption
- Optional microwave motion sensor
- Easy installation with tamper-resistant stainless steel clips and sealed design

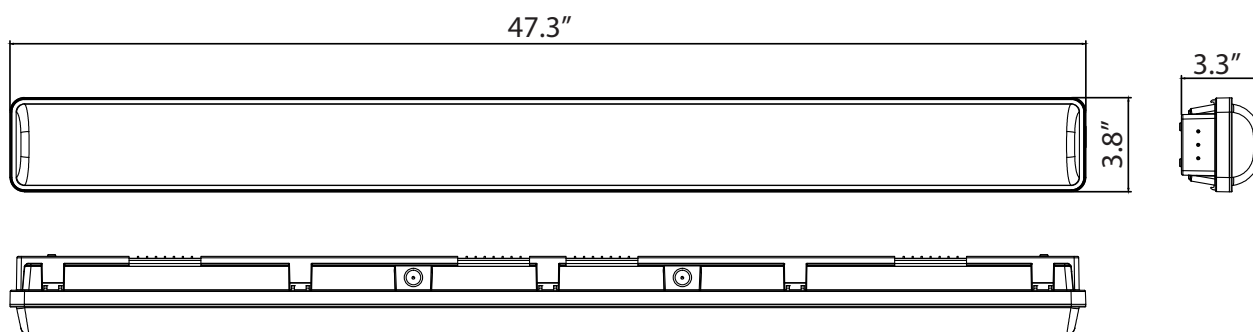
### MECHANICAL SPECIFICATIONS

- Housing Material: Polycarbonate
- Lens Material: Polycarbonate, frosted/diffused
- Housing Color: Gray (custom finishes available)
- Lens Color: White
- Clips: Stainless Steel
- LED Type: SMD2835
- IP Rating: IP66

### CERTIFICATIONS & COMPLIANCE

- UL Listed
- IP66 Rated

TRI-PROOF LIGHT



### QUICK SPEC TABLE

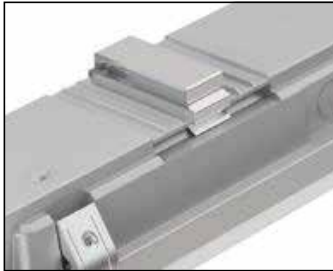
| SKU    | MODEL NUMBER      | ADJ. WATT   | MAX LUMENS | ADJ. CCT          | INPUT VOLTAGE | CRI | SIZE | LIGHT SPREAD | CONSTRUCTION    | DIMMING | IP RATING |
|--------|-------------------|-------------|------------|-------------------|---------------|-----|------|--------------|-----------------|---------|-----------|
| 157545 | LP05A-4-45L-AD3C3 | 20W/30W/45W | 6750       | 3500K/4000K/5000K | 120V-277V     | >80 | 4ft  | 120°         | PC+Frosted Lens | 0-10V   | IP66      |



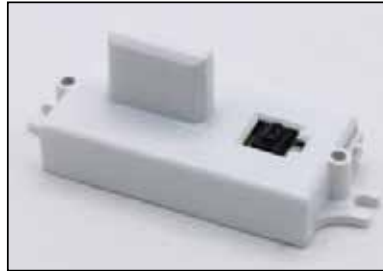
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### Optional Accessories

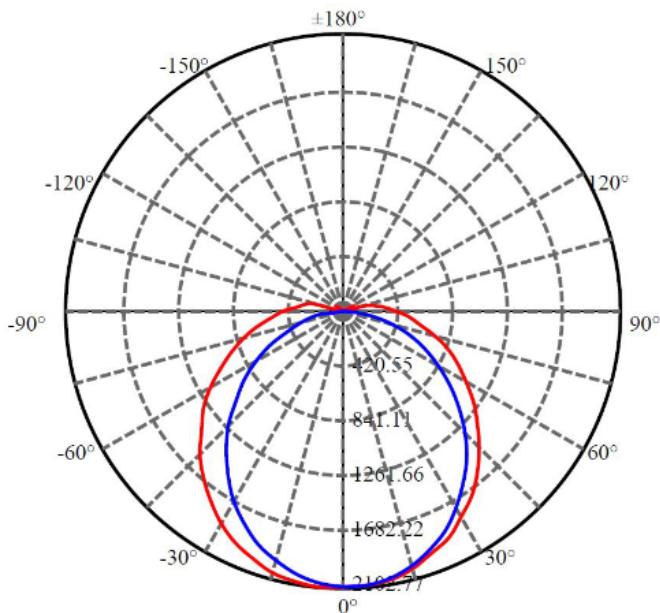


Mounting Bracket (Included)



Sensor

### Photometric Data



|       |                   |           |
|-------|-------------------|-----------|
| 1.0m  | 2084.2 , 433.2 lx | 378.66cm  |
| 2.0m  | 521.1 , 108.3 lx  | 757.31cm  |
| 3.0m  | 231.6 , 48.1 lx   | 1135.97cm |
| 4.0m  | 130.3 , 27.1 lx   | 1514.62cm |
| 5.0m  | 83.4 , 17.3 lx    | 1893.28cm |
| 6.0m  | 57.9 , 12.0 lx    | 2271.93cm |
| 7.0m  | 42.5 , 8.8 lx     | 2650.59cm |
| 8.0m  | 32.6 , 6.8 lx     | 3029.24cm |
| 9.0m  | 25.7 , 5.3 lx     | 3407.90cm |
| 10.0m | 20.8 , 4.3 lx     | 3786.55cm |

Max , Ave Beam angle of C157.5 plane 124.32

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### Installation

#### IMPORTANT SAFETY INFORMATION

- Installation must be performed by a qualified licensed electrician
- Disconnect power before installation or servicing
- Verify supply voltage matches fixture rating
- Use minimum 75°C rated supply conductors
- Follow all applicable national and local electrical codes

#### GENERAL INSTALLATION NOTES

- Suitable for outdoor use
- Do not energize fixture until all wiring connections are secured
- Do not use portable generators for fixture testing
- Inspect fixture for damage before installation
- Ensure mounting surface is structurally secure

#### WIRING INSTRUCTIONS

##### Line Connections

- LINE (L) - Black
- NEUTRAL (N) - White
- GROUND (G) - Green

#### DIMMING

##### 0–10V Dimming

- Purple – Dim (+)
- Pink / Gray – Dim (–)

#### Wattage & CCT ADJUSTMENT

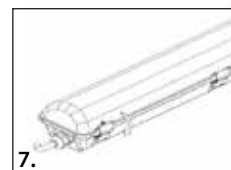
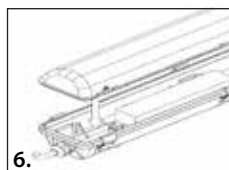
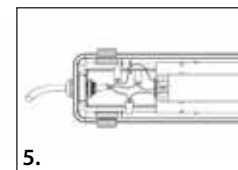
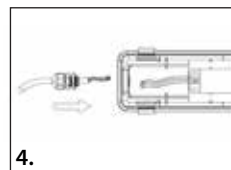
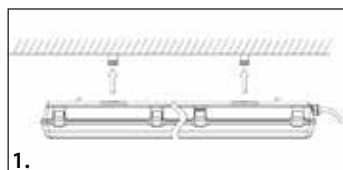
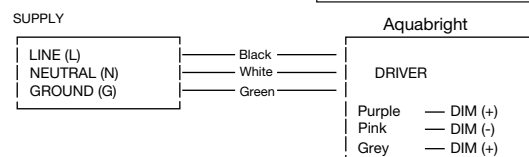
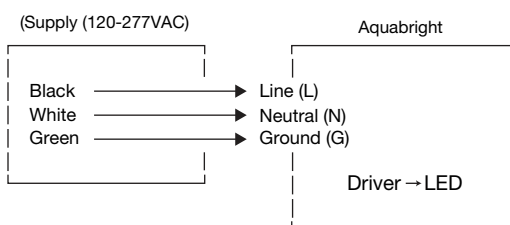
- Remove 3/4" adjustment plug
- Select desired Wattage & CCT using internal switch
- Reinstall and tighten plug before energizing

#### MOUNTING BRACKET INSTALLATION

- Remove mounting screws from fixture bracket plate
- Route supply conductors through bracket
- Secure bracket to pole or wall surface
- Attach fixture to bracket and tighten hardware
- Adjust angle as required and lock securely

#### FINAL CHECK

- Confirm all connections are secure
- Verify voltage
- Ensure adjustment plug is tightened
- Energize circuit
- Confirm proper operation



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### Packaging

| SKU    | Box Type | Box Dimension           | Qty       | Net Weight | Gross Weight |
|--------|----------|-------------------------|-----------|------------|--------------|
| 157545 | Outer    | 48.34" x 8.66" x 11.18" | 6 PCS/Box | 23.7 LBS   | 28.6 LBS     |

### Warranty

- 5 Years warranty

<https://beyondledtechnology.com/pages/terms-and-conditions>