AQUABRIGHT 2

LED Tri-Proof Light

High-Durability Lighting for Industrial and Harsh Environments

TRI-PROOF LIGHT



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: ≥0.90
- THD: <20%
- Surge Protection: 2kV
- Operating Temperature: -40°C to +45°C (-40°F to 113°F)

BEYOND™ LED TECHNOLOGY

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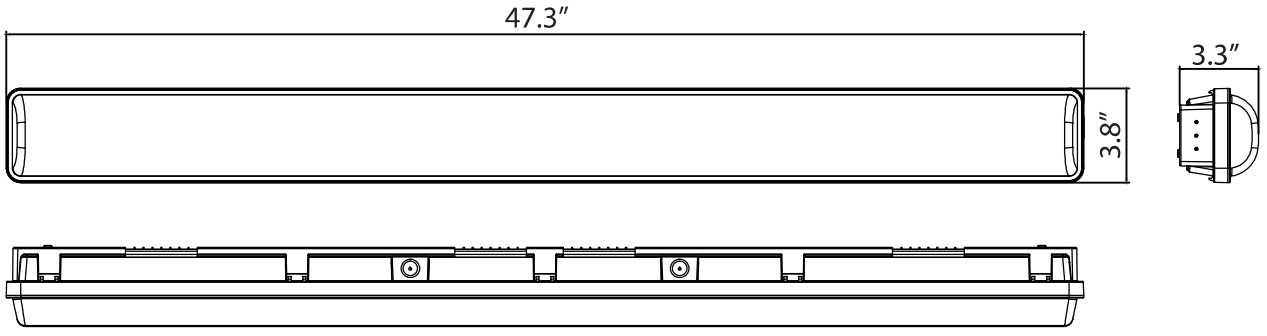
Due to continuous product improvement, information in this document is subject to change.

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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

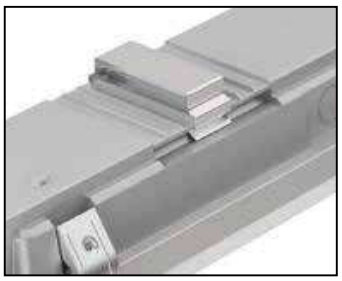


QUICK SPEC TABLE

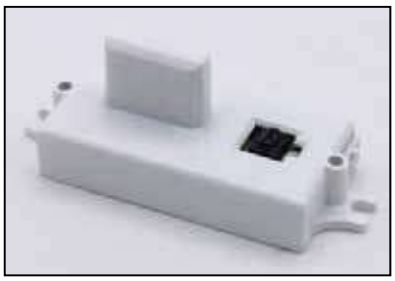
SKU	MODEL NUMBER	ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	CONSTRUCTION	DIMMING	IP RATING
157545	LP05A-4-45L-AD3C3	20W/30W/45W	6750	3500K/4000K/5000K	120V-277V	>80	4ft	120°	PC+Frosted Lens	0-10V	IP66

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Optional Accessories

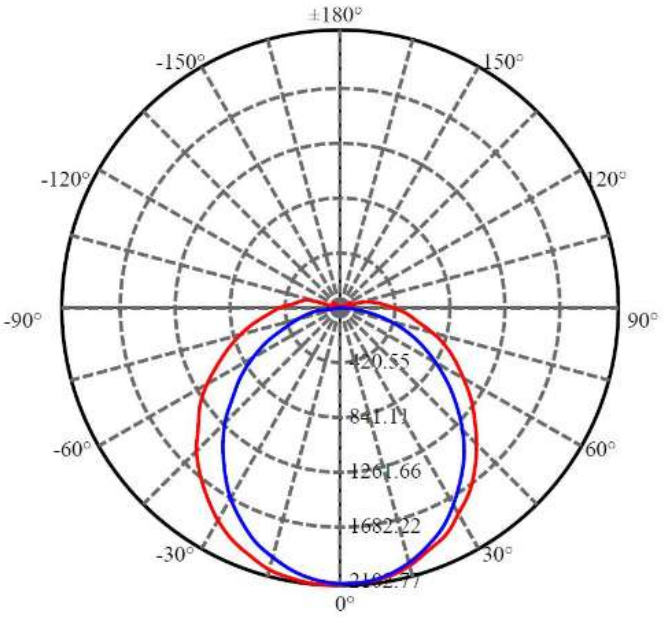


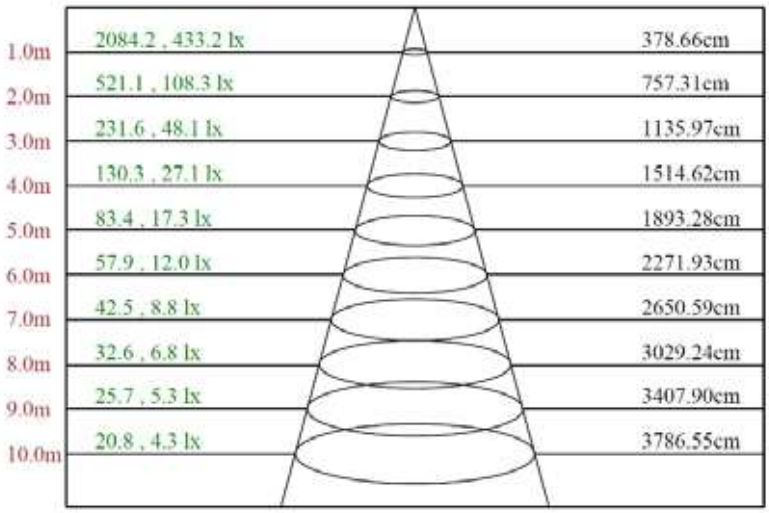
Mounting Bracket (Included)



Sensor

Photometric Data





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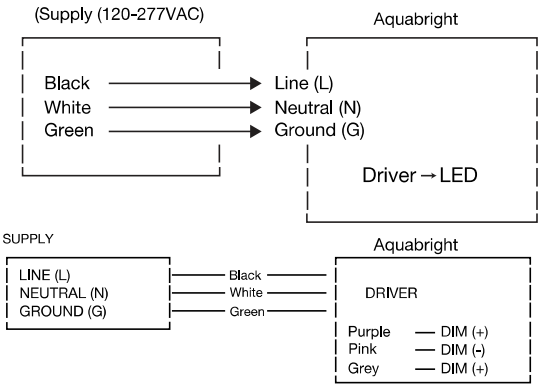
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Installation

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

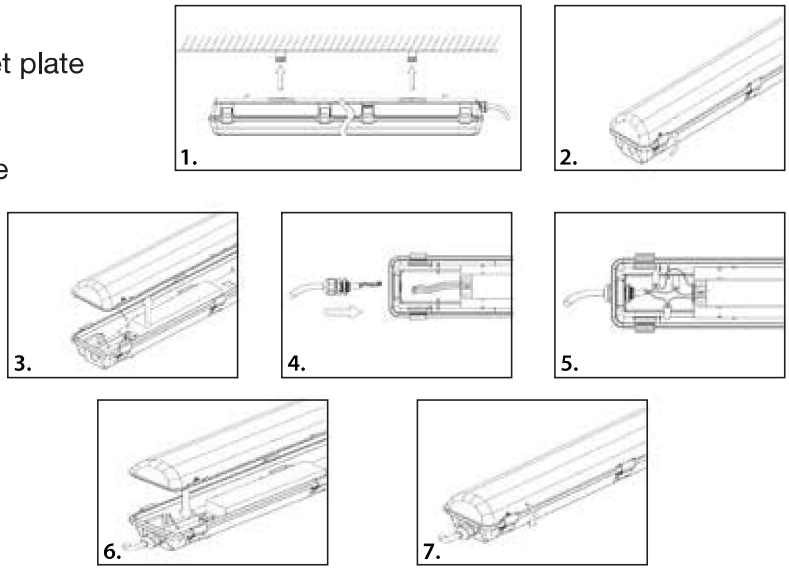
WIRING INSTRUCTIONS
Line Connections
- LINE (L) - Black
- NEUTRAL (N) - White
- GROUND (G) - Green



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

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