



AquaBright™

LED Tri-Proof Light



The AquaBright LED Tri-proof Light from Beyond Led is the newest and most feature rich product of 2024. AquaBright has an adjustable wattage and CCT, allowing it to combine nine SKUs into one. AquaBright is resistant to water, dust, dampness and pressure. High-quality LED driver and thermal management with a 50,000-hour illuminating life. The housing is extruded aluminum with a corrosion-resistant glossy white polycarbonate cover with preinstalled sensor base. It is simple to install using Surface mount or suspension. An additional 12V Auxiliary output makes it compatible with any control system.

Product Features

- Up to 130 Lumens per watt
- Available in 4ft fixture
- Adjustable Wattage 20W/30W/40W/50W
- Adjustable CCT 3500K/4000K/5000K
- PC housing and white cover, stainless steel clip
- 0-10 Dimmable
- Dust-tight and waterproof fixture with IP65 & IK08
- Cover and LED board build-in-one design
- Auxiliary 12V output
- Input Voltage 120-347Vac
- UL & DLC Listed
- 5 Year warranty

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SKU #	Model #	Wattage Adjustable	Lumens	CCT Adjustable	Housing	Length	Input Voltage	Dimming	Certifications
156990	G5VP4-20/30/40/50/347/D10/W/35-40-50	20W/30W/40W/50W	Up to 6500Lm	3500K/4000K/5000K	White	4ft	120V-347V	0-10V	UL & DLC

SKU: 156990

Specifications

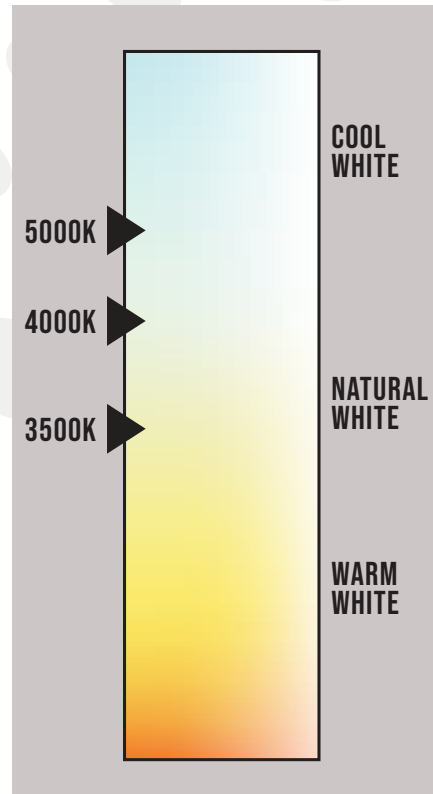
Parameter	Description	Value
General Performance	Model	G5VP4-20/30/40/50/347/D10/W/35-40-50
	Wattage Adjustable	20W / 30W / 40W / 50W
	Color Temperature	3500K / 4000K / 5000K
	Lumens	Up to 6500LM
	Lumen Efficacy	Up to 130LM/W
	CRI (Ra)	>80
	Beam Angle	120° Degree
	Diffuser Type	PC Lens
Electrical	Input Voltage	120-347V
	Frequency	50/60Hz
	Dimming	0-10V Dimming
	PF	>0.9
	THD	<20
	Flicker Percent	Non-flicker
	Driver Brand	No
	Driver Model	SDC50CS120V42DL5A
Physical	Operating Temperature	-20°C to 40°C
	Storage Temperature	-25°C to 80°C
	Storage Humidity	5% RH Min; 95H Max
	LED Brand	LUMILEDS
	LED Type	SMD2835
	LEDs QTY	416 Pcs
	Housing	Grey
	Housing Color	White
Qualification	IP Rating	IP65
	Warranty	5 Years



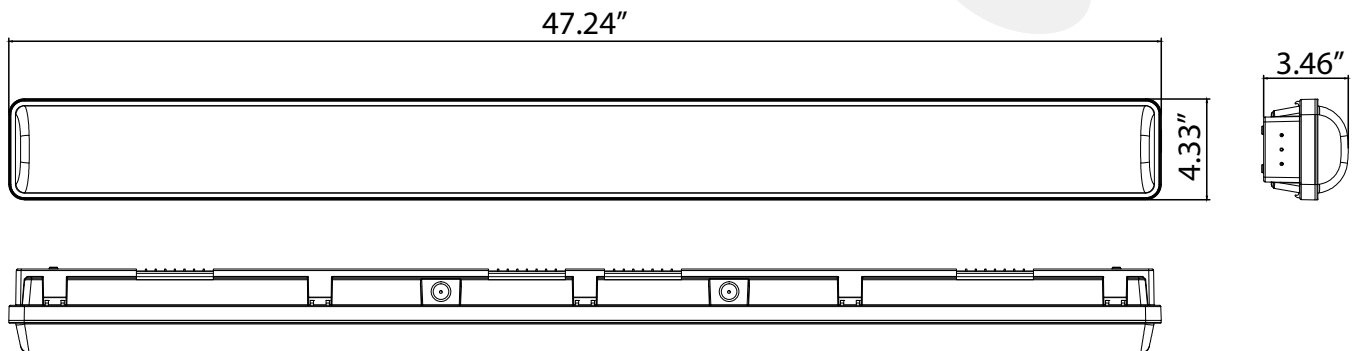
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Correlated Color Temperature (CCT)



Dimensions



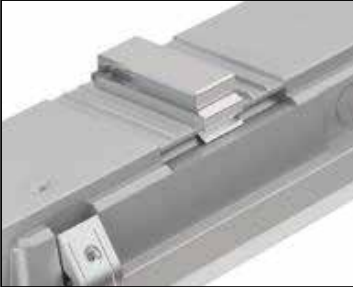
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Optional Accessories

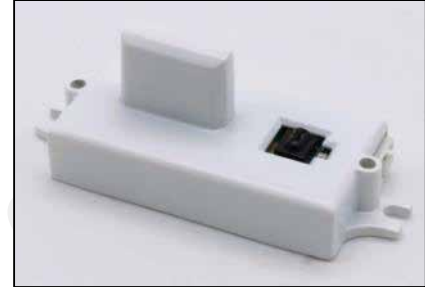
Mounting Bracket (Included)



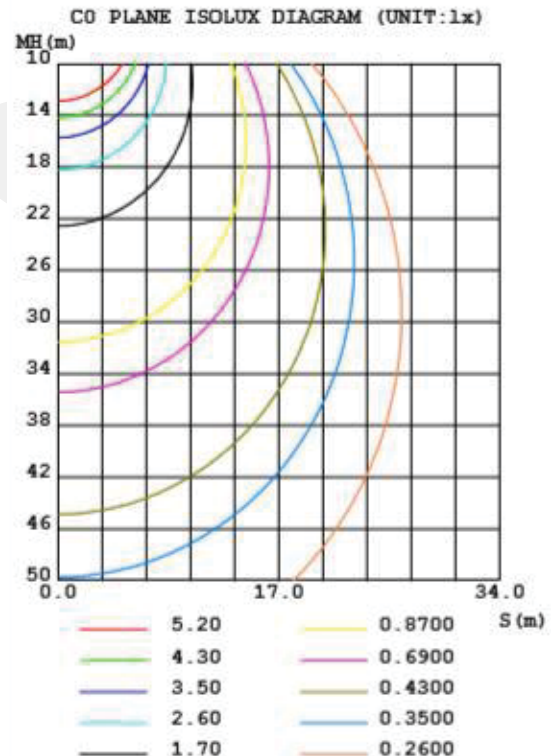
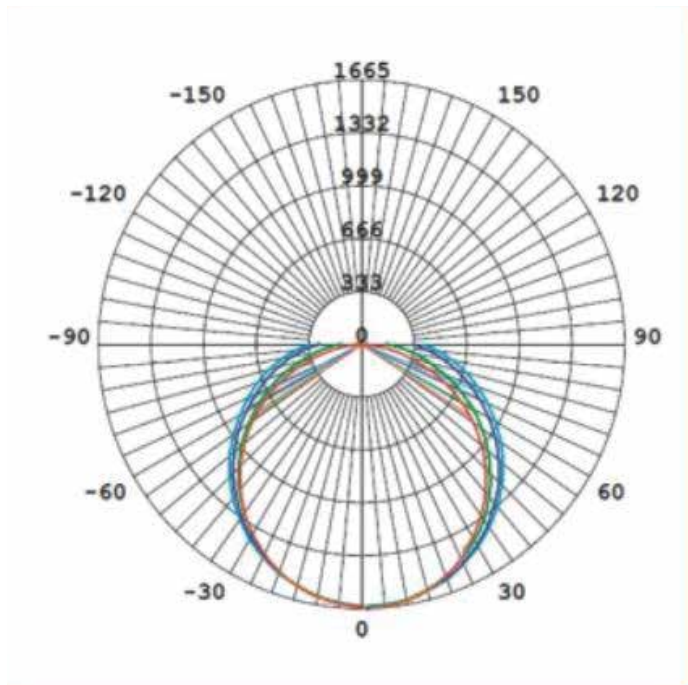
Emergency



Sensor



Photometric Data





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Installation



⚠ WARNING

Please Read All Instructions Before Attempting Installation

- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. THIS PRODUCT MUST BE WIRED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL CODES.
- TO PREVENT PERSONAL INJURY OR PRODUCT DAMAGE ONLY LICENSED ELECTRICIANS SHOULD PROVIDE ALL INSTALLATION SERVICES.
- TO AVOID ELECTRIC SHOCK OR COMPONENT DAMAGE DISCONNECT ALL POWER BEFORE ATTEMPTING INSTALLATION OR SERVICING.
- USE CAUTION WHEN HANDLING THIS PRODUCT DURING OR AFTER OPERATION AS IT MAY BECOME HOT AND CAUSE BURNS. DISCONNECT PRODUCT AND ALLOW COOLING PRIOR TO SERVICING.
- ANY ALTERATION OR MODIFICATION OF THIS PRODUCT IS EXPRESSLY FORBIDDEN AS IT MAY CAUSE SERIOUS PERSONAL INJURY, DEATH, PROPERTY DAMAGE AND/OR PRODUCT MALFUNCTION.
- TO PREVENT PRODUCT MALFUNCTION AND / OR ELECTRICAL SHOCK THIS PRODUCT MUST BE PROPERLY GROUNDED.
- THIS LUMINAIRE IS DESIGNED TO OPERATE IN AMBIENT TEMPERATURES RANGING FROM -40°F TO +122°F (-40°C TO +50°C). EMERGENCY BACK UP TEMPERATURE RANGE IS +32°F TO +104°F (0°C TO +40°C).
- THIS LUMINAIRE IS DESIGNED TO OPERATE IN DRY, DAMP, OR WET LOCATIONS
- MIN 90°C SUPPLY CONDUCTORS
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.
- NOTE!
- This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Installation

Safety Precautions

IMPORTANT:

READ CAREFULLY BEFORE INSTALLING THE FIXTURE. RETAIN FOR FUTURE REFERENCE.

GENERAL:

Upon receipt of the fixture, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier.

Wattage and CCT Selection Switch

The selection switches can be found next to the driver on the inside of the fixture. Adjust the switches to the desired wattage and color, then close fixture after proper wiring/installation. Fixture will ship at highest wattage and 4000K.



Trouble Shooting Checklist

- Check your power source.
- Check electrical connections

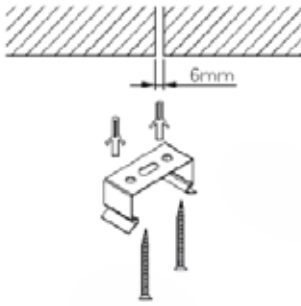


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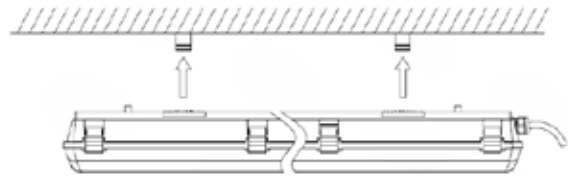
LED Tri-Proof Light

Installation

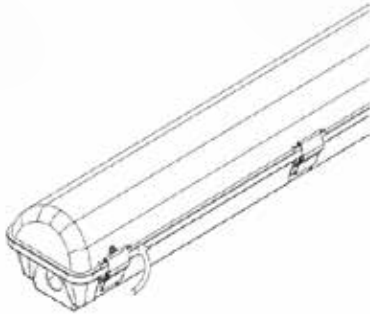
Surface Mount



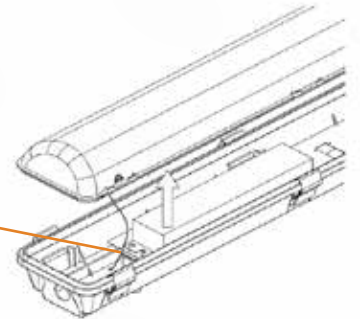
1. Install the mounting brackets to the desired ceiling or mounting surface using appropriate hardware. (Anchors/screws not included).



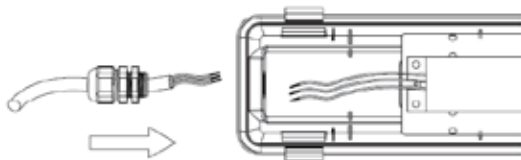
2. Install the fixture to the previously mounted brackets on the ceiling or mounting surface.



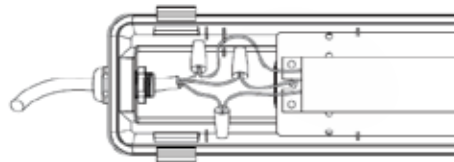
3. Open all the clips along the sides of the fixture to reveal the wiring components.



4. Open the lens revealing driver and wiring components; safety cable shown to hold lens up while wiring fixture.



5. Install the waterproof connector in the side of the fixture as shown above.



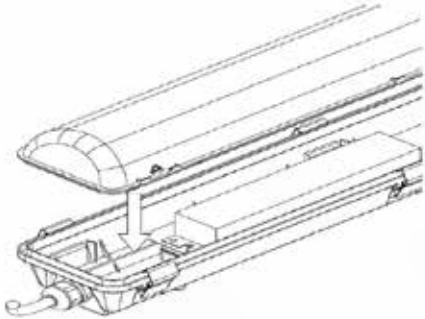
6. Complete the wiring connections. For further information see the below wiring diagram.

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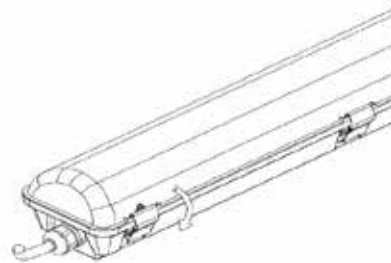
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Installation

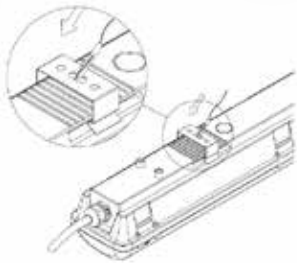


7. Re-attach the lens to the body of the fixture once electrical connections are complete.

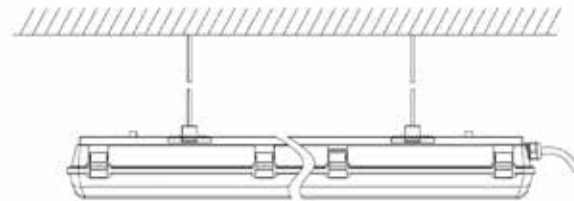


8. Fasten all clips along of sides of the fixture to ensure fixture is sealed.

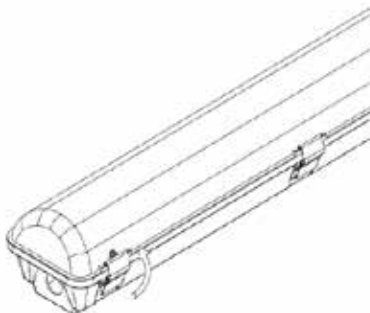
Suspended Mount



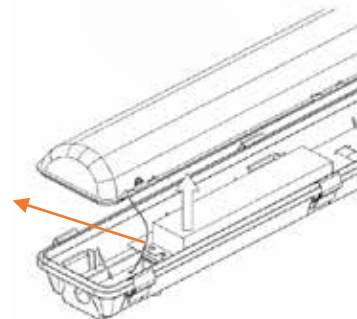
1. Install the mounting brackets to the fixture using appropriate hardware (v-hooks included for chain mount application; pendant mount by other)



2. Install the cable, chain, or pendant kit (by others) to the fixture bracket and then accordingly to the mounting surface/ceiling.



3. Open all the clips along the sides of the fixture to reveal the wiring components



4. Open the lens revealing driver and wiring components; safety cable shown to hold lens up while wiring fixture.



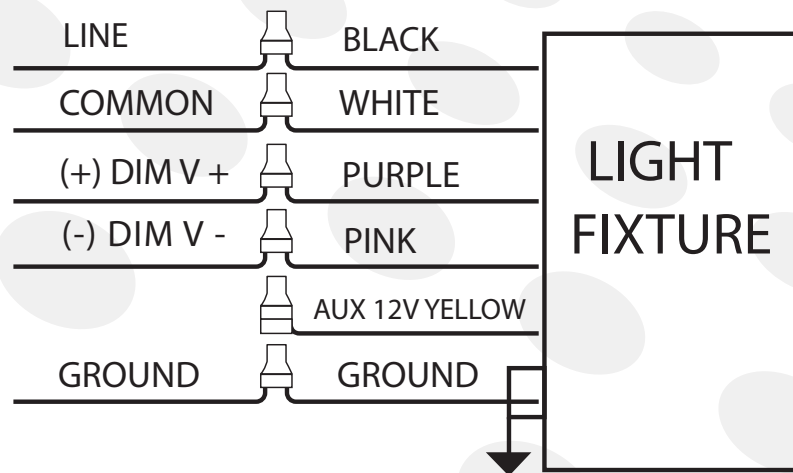
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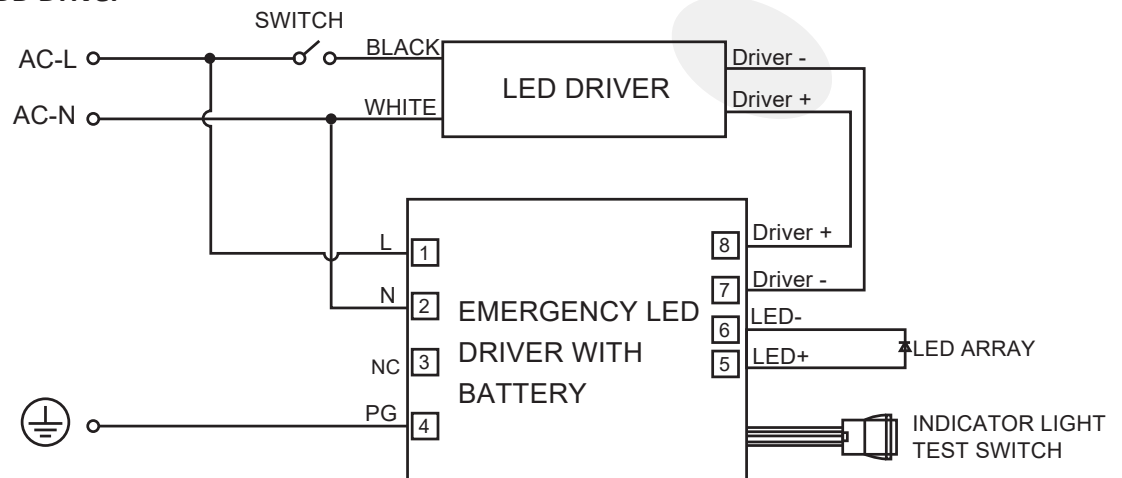
Installation

Wiring Diagram

0-10V Dimming: This fixture is compatible with 0-10V output dimming controls. To get to 0% light output (OFF) it is necessary to switch the input power to the fixture. For 0-10V dimming, connect 0-10V wall dimmer to dimming wires on driver. (See Wiring Diagram) The yellow wire provides 12Vdc power for optional accessories and is not used for basic wiring.



**Wiring with EMBB Driver



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Packaging

Box Type	Dimension	Qty	Net Weight	Gross Weight
Outer Box	48.90 x 10.91 x 3.74	2 Pcs	13.23 LBS	15.61 LBS

Application Image



LED TRI-PROOF LIGHT



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LED Tri-Proof Light

Application Image



Warranty

5 Year Warranty