



Stainless Steel Fountain Light

**Hidro-GB80H Hidro-GB160H Hidro-GB210H
Hidro-GB120H Hidro-GB190H Hidro-GB230H
Hidro-GB140H**



USER MANUAL

Please read this operation manual carefully and keep it for future reference.

WARNING

1. Only a licensed or certificated electrician or a qualified serviceman is allowed to install or maintain this product.
2. Must be installed in accordance to the requirements of your government standard or local authorities.
3. Before servicing the light, disconnect the power supply from the circuit breaker. Failure to do so could result in serious injury, death and or damage to the property.
4. Never handle it with wet hands and feet.
5. This light is design for use only when fully submerged in water.
6. Never operate this light for more than 1 minute unless it is totally submerged in water.
7. All lights are required to be disconnected from the main electricity before any operation of maintenance.
8. Ensure that the fountain has enough water depth for the entire fixture to be completely submerged at least 2 inches below the minimum operating water level.

1. Product Description

- 1) These LED lights are designed to provide 50,000 hours of powerful illumination.
- 2) Single-color fixtures use 1W High power LEDs to produce natural white or warm white light, and the RGB fixture cycles through 9 color-changing patterns.
- 3) The waterproof LED light has 12V DC/AC operation and is constructed of aluminum with a stainless steel front bezel. Use this LED fixture with fountain tubing up to 1-1/4" in diameter.

2. Specifications

MODEL	High Power LEDs	POWER	Flux (LM)					
			RGB	R	G	B	Pure White	Warm White
Hidro-GB80H	3x1W	3W/12V	R: 50 G: 70 B: 30	150	210	90	300	270
Hidro-GB120H	6x1W	6W/12V	R: 100 G: 140 B: 60	300	420	180	600	540
Hidro-GB140H	9x1W	9W/12V	R: 150 G: 210 B: 90	450	630	270	900	810
Hidro-GB160H	12x1W	12W/12V	R: 200 G: 280 B: 120	600	840	360	1200	1080
Hidro-GB190H	18x1W	18W/12V	R: 300 G: 420 B: 180	900	1260	540	1800	1620
Hidro-GB210H	24x1W	24W/12V	R: 400 G: 560 B: 240	1200	1680	720	2400	2160
Hidro-GB230H	36x1W	36W/12V	R: 600 G: 840 B: 360	1800	2520	1080	3600	3240



3. Installation for LED Light:

1. Bolt fountain base securely to flooring using 1/4" screws. NOTE: Fountain base can be installed as a freestanding base not required to be bolted down.
2. Check Local Codes for Junction Box installation requirements. Ensure that the length of exposed cord in the fountain is no more than 10 feet (3 m.), see Fig 1.
3. Cut the cord at the Junction Box, leaving at least 6 inches of cord to make connections.
4. Strip 6 inches of the outer cord jacket to expose the three insulated wires – be careful not to damage the insulation on the three inner wires.
5. Position the Fountain Fixture as desired in the fountain.
6. If required by Local Ordinances, use the supplied bonding lug kit with the Fountain Fixture to ensure proper bonding of light.
7. Fill the fountain until the light is completely submerged in water before operating it. Entire fixture must be at least 2 inches below minimum operating water level.
8. Turn on main switch or circuit breaker, as well as the switch that operates the light itself, to check for proper operation. Refer to Operating Instructions.

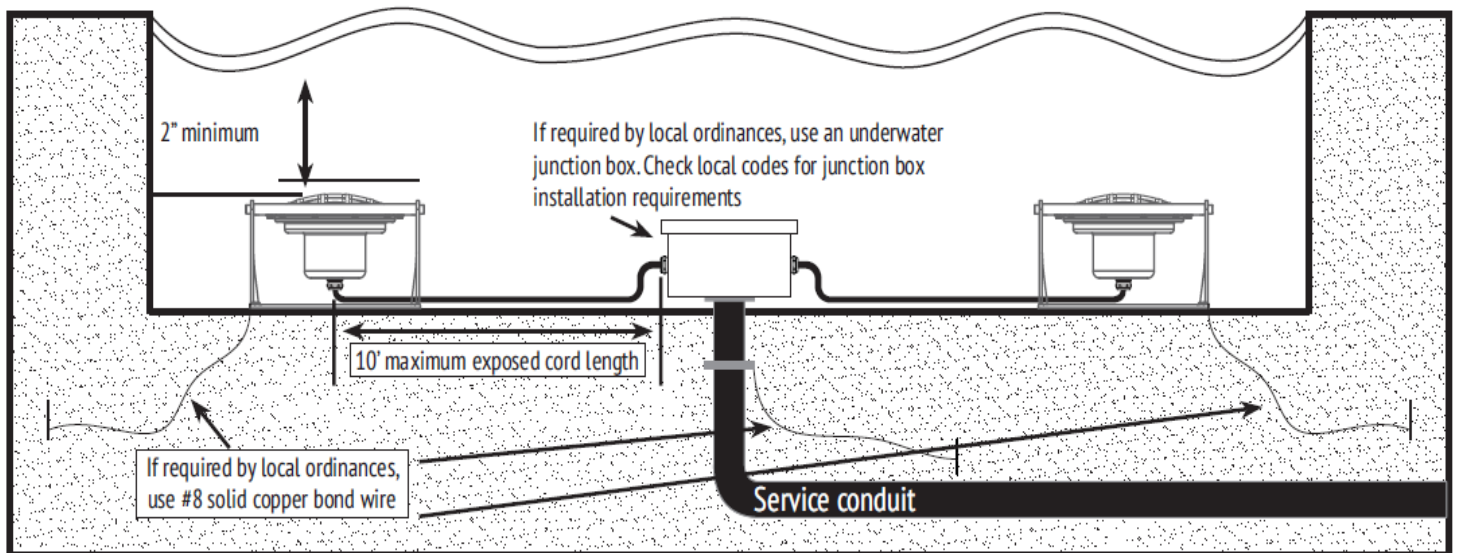


Fig. 1

WARNING!

Never operate this underwater light for more than 2 minutes unless it is totally submerged in water. Without total submersion, the light assembly will get extremely hot, which may result in serious burns or in breakage of the lens. This may result in serious injury to installers, bystanders, or in damage to property.