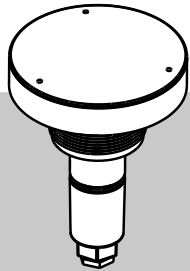


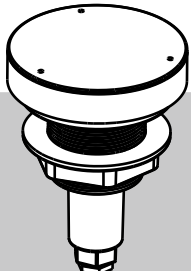


WL-MG SERIES UNDERWATER LIGHT OPERATING INSTRUCTION

- WL-MG-LED006JTB-C
- WL-MG-LED006JTB-W
- WL-MG-LED006JTC
- WL-MG-LED009JTB-C
- WL-MG-LED009JTB-W
- WL-MG-LED009JTC
- WL-MG-LED012JTB-C
- WL-MG-LED012JTB-W
- WL-MG-LED012JTC



WL-MG/Q



WL-MG/Z



GUANGDONG LASWIM WATER ENVIRONMENT EQUIPMENT CO., Ltd



To scan QR code for more information.
For more information please visit www.laswimwater.com

202108

Please Read The Manual Carefully Before Use.

⚠ CAUTION:

RISK OF ELECTRICAL SHOCK OR ELECTROCUTION

This underwater light must be installed by a licensed or certified electrician in accordance with the national Electrical Code and all application local codes and ordinances. Improper installation will create an electrical hazard which could result in death or serious injury to pool users, installer, or other due to electrical shocks, and may also cause damage to property. Read and follow the specific instructions below.

⚠ WARNING:

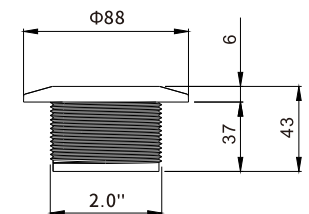
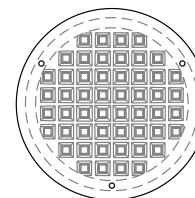
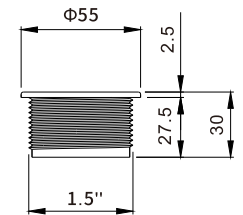
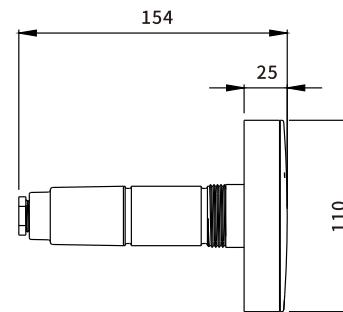
Before installing this underwater light, read and follow all warning notices and instructions accompanying with this light. Otherwise it will result in severe injury, death, or property damage.

⚠ ATTENTION:

IMPORTANT NOTICE

This manual contains important information about the installation, operation and safe use of this product. This information should be given to the owner/operator of this equipment.

1 PRODUCTION DIMENSION



2 INSTALLATION

A. Preparatory steps which must be completed by the electrician before lights installed.

(1) Ensure that the pool meets the requirements of the current National Electrical Code and all local codes and ordinances. A licensed or certified electrician must install the electrical system to meet or exceed those requirements before the underwater light is installed. Some of the requirements of the National Electrical code are listed below.

a. The lighting circuit must have a Ground Fault Circuit Interrupter (GFCI), and must have an appropriately rated circuit breaker, and its ground resistance should be no more than 0.1Ω , and the working voltage should be no more than 12V.

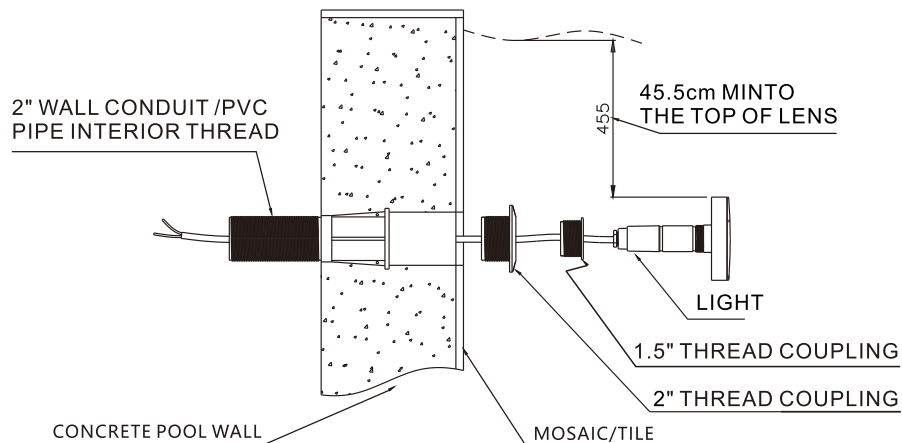
b. The junction box (or 12 Voltage models, the low voltage transformer) must be located at least 30.5cm above the water level, 10 cm from the ground and at least 120cm from the edge of the pool.

c. The light must be properly installed so that the top edge of the underwater light's lens is at least 45.5cm below the surface of the water in the pool. The light must match with joint shell.

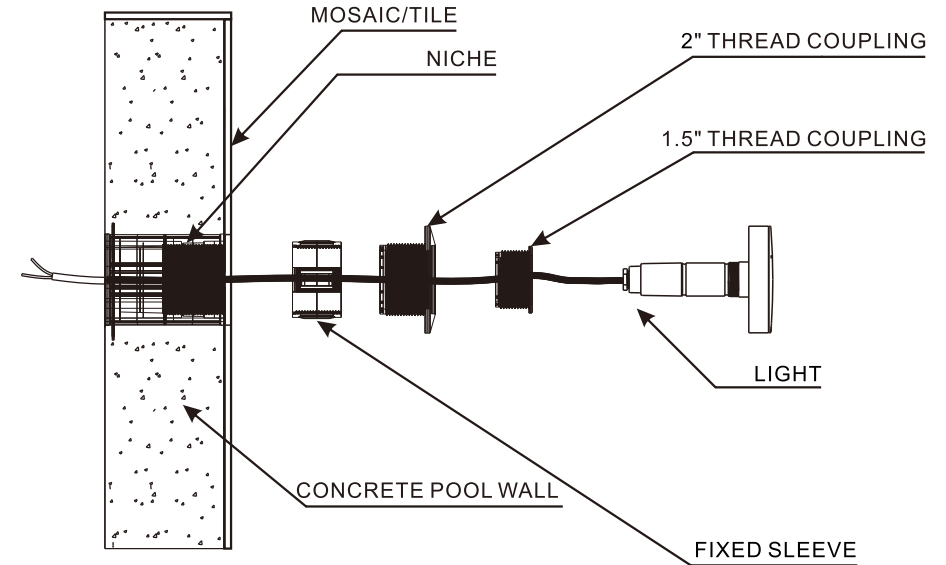
(2) To be certain that the pool's electrical system meets all applicable requirements, you should also consult the local building department.

B. The following are steps to perform after the electrical system requirements met.

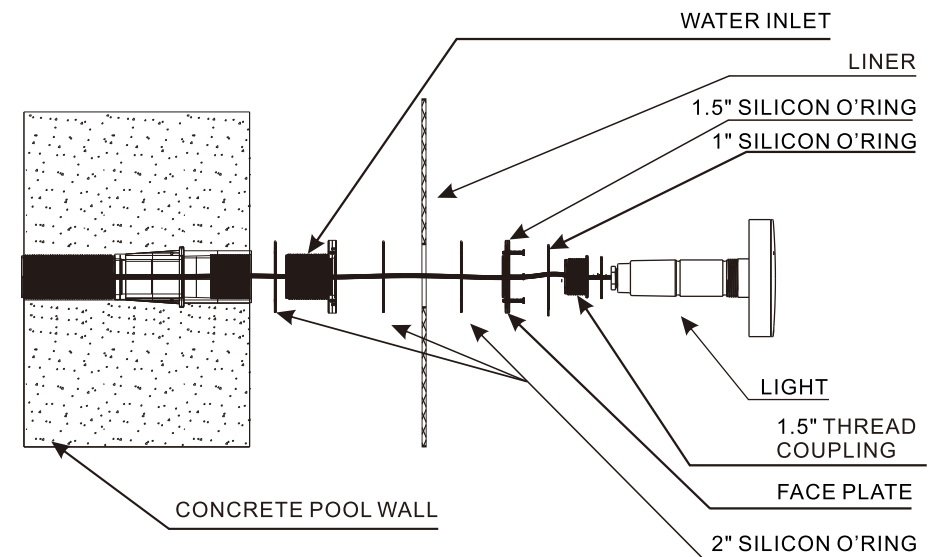
I. CONCRETE POOL WITH TILE/MOSAIC WITH WALL CONDUIT/PVC PIPE CONNECTION



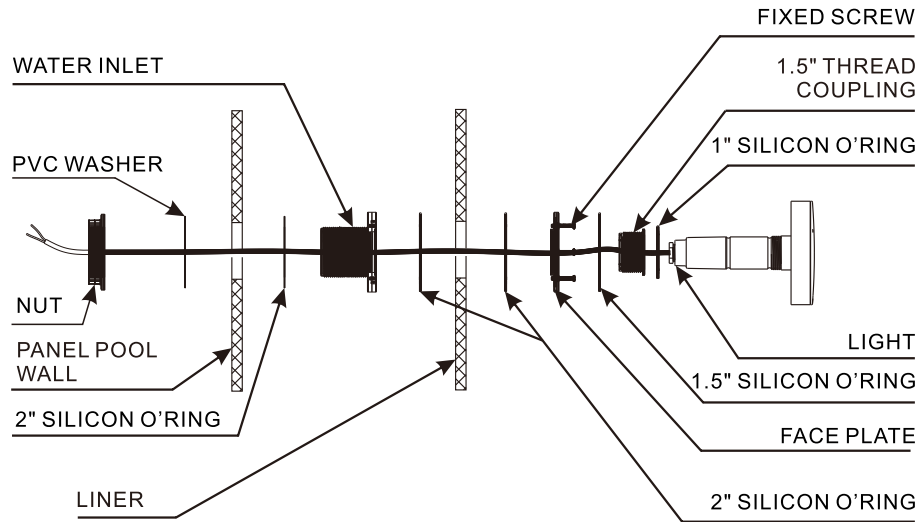
II. CONCRETE POOL WITH TILE/MOSAIC WITH NICHE CONNECTION



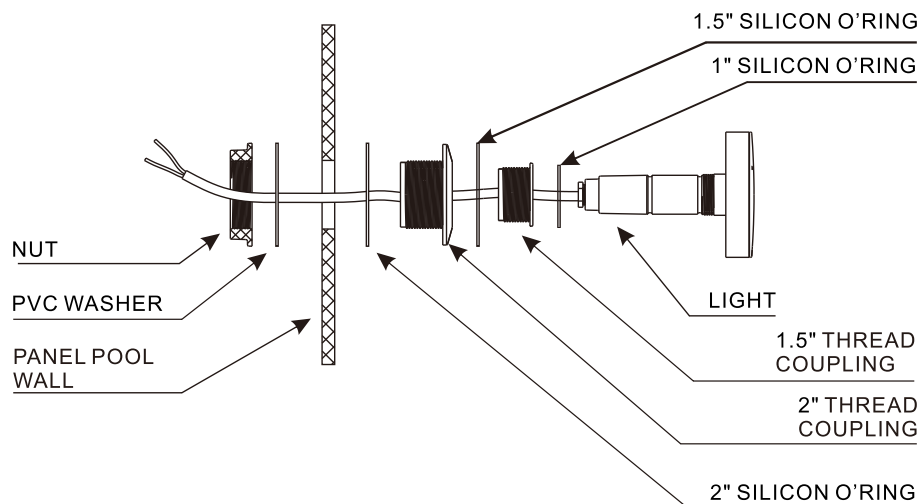
III. CONCRETE POOL WITH LINER



IV. PANEL POOL WITH LINER



V. PANEL POOL



- (1) Locate position on a vertical wall where light is to be installed. The top of the light face ring must be 35cm below normal water level as required by National Electrical Code.
- (2) Lead the cable from the wire tube to the junction box. The length of the cable wrapped around the lamp body in the lamp holder is not less than 1200mm. The reserved length of the cable will be different depending on the mounting height of the lamp holder. However, it is necessary to ensure that the length of the lamp body is taken out and repaired.
- (3) All lamps should be installed on the same transformer and switch.
- (4) The lights can be installed for both concrete pools and fiber pools.
- (5) The lights fit into standard pool 2" pvc pipe.
- (6) The lamp is supplied with cable of 2m, 4m, 6m, 10m, 16m or 20m according to the need of the user, making it possible to install multiple lamps connected to a single junction box.
- (7) The light can be fixed on concrete or stone wall pools, thin wall pools, fiberglass wall pools, metal wall pools, or wooden wall pools with liner. It can be threaded into the 2" female-thread conduit/pipe.
- (8) Fill the water until the underwater light is fully immersed in the pool water, turn on the main power and circuit breaker, to check the light for proper operation. The lamp should only operate underwater while secured to the vertical walls of the pool. Never switch on the lamp if it is not underwater.

⚠ WARNING:

Underwater lights can only fastened with good quality stainless steel screws (materials is AISI304 or above), otherwise serious corrosion will occur, and even the lamp body will be corroded, shortening the service life of the lamp body. It is recommended to use stainless steel screws with the lamp.

3 MAINTENANCE AND REPLACEMENT

⚠ ATTENTION:

Always disconnect power to the pool light at the circuit breaker before servicing the light. Failure to do so could result in electrical shock, which may cause serious damages to swimmers, installers or others.

Part No.	Description	QTY				
		I.	II.	III.	IV.	V.
①	Light	1	1	1	1	1
②	1.5" thread coupling	1	1	1	1	1
③	2" thread coupling	1	1			1
④	2" wall conduit interior thread (optional)					
⑤	Fixed sleeve		1			
⑥	Niche		1			
⑦	Fixed screw			6	6	
⑧	Face plate			1	1	
⑨	2" silicon o'ring			3	3	1
⑩	2" water inlet			1	1	
⑪	1" silicon o'ring			1	1	1
⑫	1.5" silicon o'ring			1	1	1
⑬	PVC washer				1	1
⑭	Nut				1	1

