

“MINI” LIGHT FOR RAPID INSTALLATION



CE



INSTALLATION AND MAINTENANCE MANUAL

IMPORTANT: The instruction manual you are holding includes essential information on the safety measures to be implemented for installation and start-up. Therefore, the installer as well as the user must read the instructions before beginning installation and start-up.
Keep this manual for future reference.

To achieve optimum performance of the Mini light for rapid installation, follow the instructions provided below:

1. VERIFY THE CONTENTS OF THE PACKING:

The following accessories are included inside the box:

Mini light for rapid installation 33708 - 33684

- Floodlamp unit
- Installation and maintenance manual

2. GENERAL CHARACTERISTICS:

This floodlamp has been designed to be used fully submerged underwater in fresh water SPAS. It is a Class III electric apparatus with very low safety voltage (12 V with alternating current).

The floodlamp complies with IPX8 degree of protection (resistance to penetration of dust, solid bodies and humidity) at a nominal immersion depth of 2 m.

This floodlamp complies with international safety standards for lights, especially the EN 60598-2-18 standard: LIGHTS PART 2: SPECIFIC REQUIREMENTS SECTION 18 LIGHTS FOR SWIMMING POOLS AND SIMILAR APPLICATIONS.

The manufacturer is not responsible in any circumstances for assembly, installation or start-up of any electric components which have been inserted or handled at locations other than its own premises.

3. INSTALLATION:

- Never install in vertical position with the lamp facing downwards.
- Ensure that the voltage the lamp receives is never greater than 12 V. The current must be supplied by an S.E.L.V. transformer and protected by a correctly rated E.L.C.B. (Fig. 1).
- In order to clearly light a pool it is recommended to install a 50W floodlamp every 10 m² of water surface. In swimming pools which are especially deep, a 50 W floodlamp is required for every 20 m³ of water volume.
- In order to prevent glare, the floodlamps should be installed so that they face away from the residence or usual view of the swimming pool.
- In the event that lighting is used in training or competition pools, the floodlamps should be installed on the sides to prevent glare on the swimmers.
- To avoid the need to empty the pool to change the lamp, we recommend that the floodlamp be installed in areas which are accessible from the upper edge of the pool.

Prior to installation verify that the gland seal has been fully tightened.

4. ASSEMBLY:

This light is manufactured for installation in concrete swimming pool and SPAS or guiding tube.

1. Install the wall conduit in the concrete wall, at a distance of 400-700 mm. Below the water level (Fig. 2).
2. The wall conduit must be extended with a cable conduit the length of which remains above the maximum level of the swimming pool or spa. (Fig. 3).
3. Feed the light cable through the conduit. (Fig. 4).
4. Then fit the light itself, pushing it into place. (Fig. 5).

5. MAINTENANCE:

1. In case of an installation with wall conduit, pull the floodlamp out of the swimming pool (Fig. 5).
2. If a coloured lens has been fitted, then remove it.
3. Twist the front bezel through 90° to remove it from the light (Fig. 6). Reverse the bezel and use as a key to remove the light retaining ring, by turning it anti-clockwise (Fig. 7).
4. Remove the lamp with reflector and detach it from the lamp holder, loosening the two screws which secure it. (Fig. 8).

Then, continue in the opposite order of that described to assemble the Floodlamp, taking special care to perform the following:

- Fully centre the butt joint in its housing.
- Firmly tighten all of the screws.
- Firmly tighten the gland seal nut.

Attention:

- Before any handling ensure that there is NO voltage supplied to the floodlamp.
- The new lamp should have the same characteristics as that supplied with the floodlamp, 50W 12 V halogen lamp with non-blinding reflector and frontal lens.
- Never install lamps without front lens.
- In order to ensure full watertightness clean the seat of glass butt joint or replace this if any permanent deformation or notches are visible.

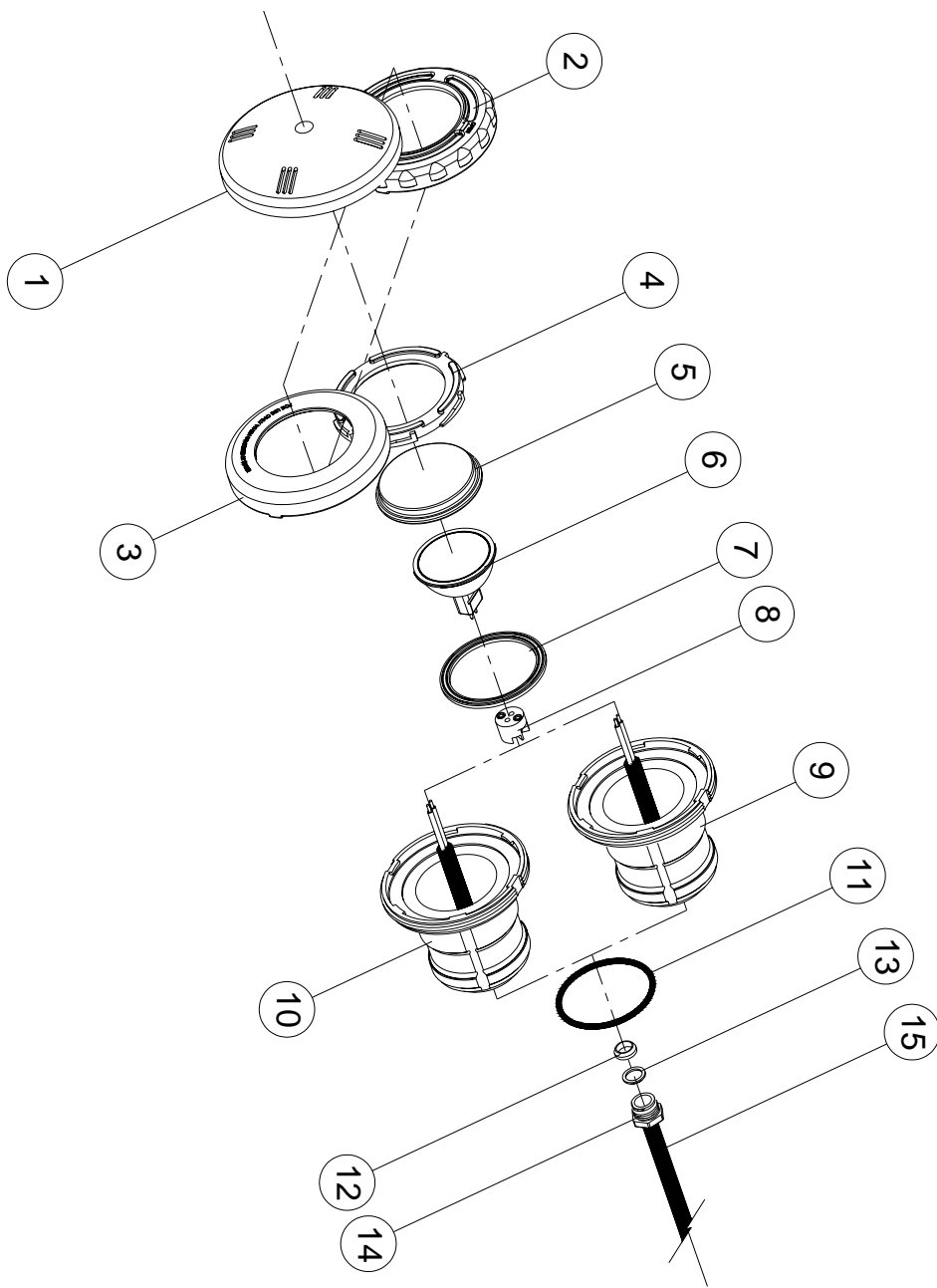
6. START-UP:

Ensure that the voltage the lamp receives is never greater than 12 V. The current must be supplied by an S.E.L.V. transformer and protected by a correctly rated E.L.C.B. (Fig. 1)

The floodlamp should only operate underwater while secured to the vertical walls of the SPAS. Never switch on the floodlamp if it is not underwater.

7. SAFETY WARNINGS:

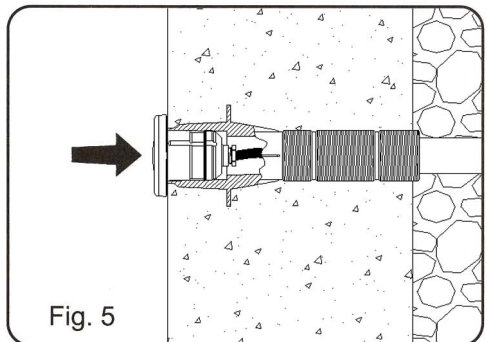
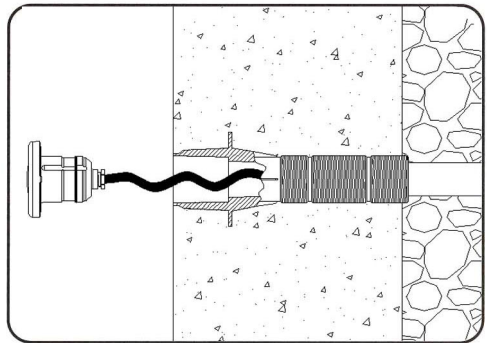
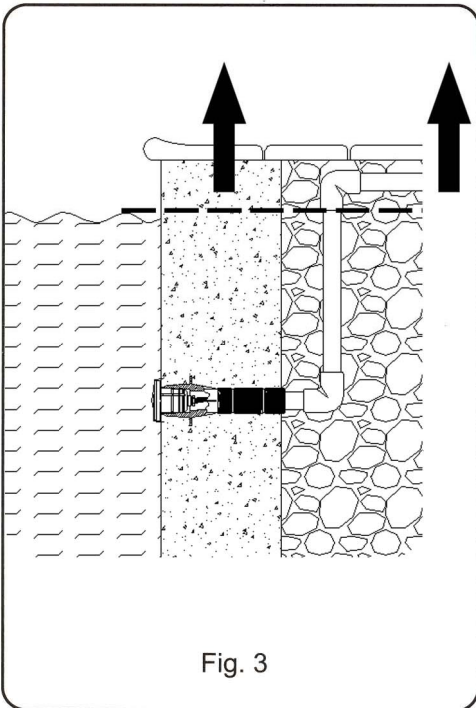
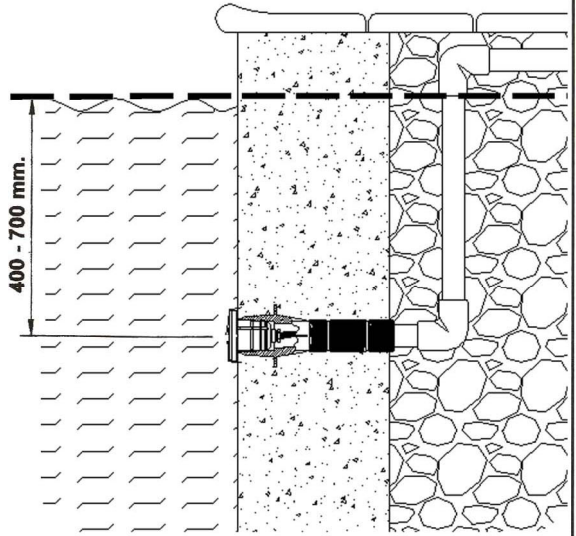
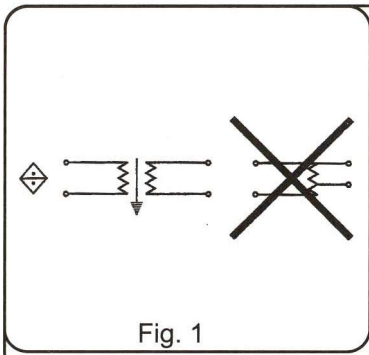
- **The persons who are in charge of assembly should have the required qualifications for this type of work.**
- **Avoid making contact with the electric voltage.**
- **Comply with the current standards regarding accident prevention.**
- **In this regard, the IEC 364-7-701: for special installation in rooms with SPAS or bath-tubs, standards must be observed.**
- **Any operation related to the maintenance or replacement of parts should be performed with the floodlamp disconnected from the electric power system.**
- **Do not handle with wet feet.**
- **The manufacturer is not responsible in any circumstances for assembly, installation or start-up of any electric components which have been inserted or handled at locations other than its own premises.**
- **It is recommended not to use sealing filler in this product and in any case, only use products specifically designed to work with ABS. Universal products should not be used.**

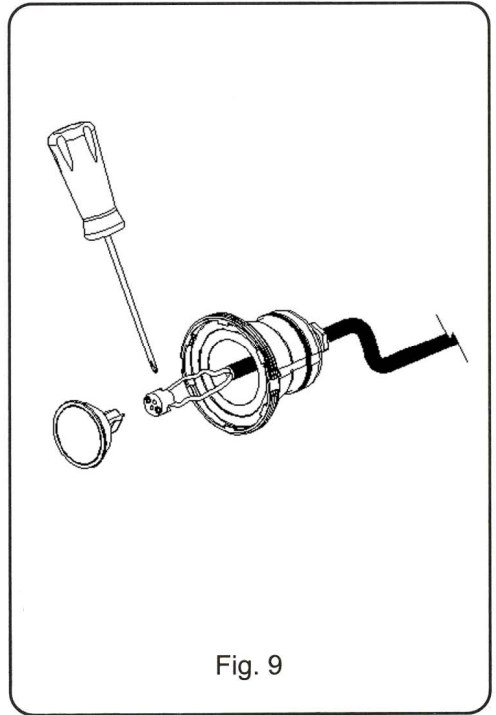
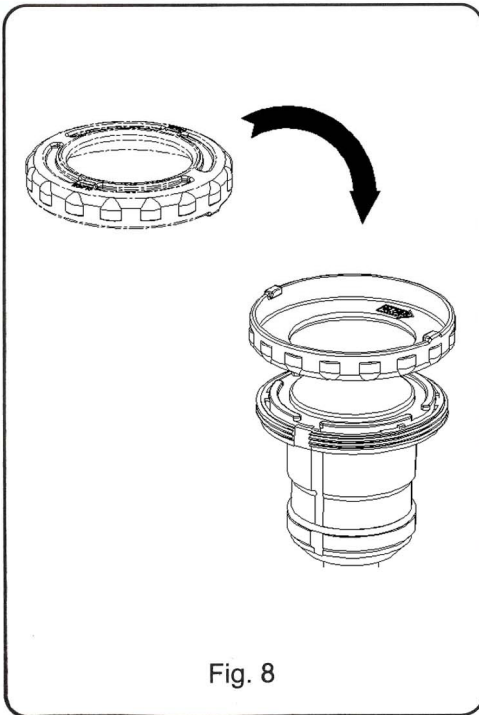
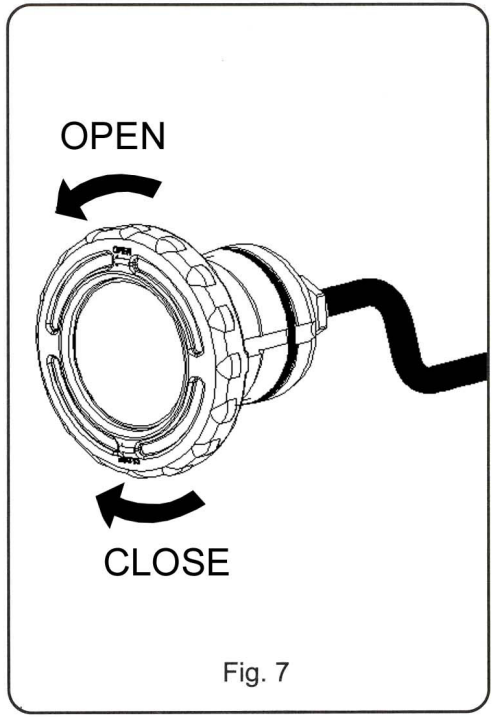
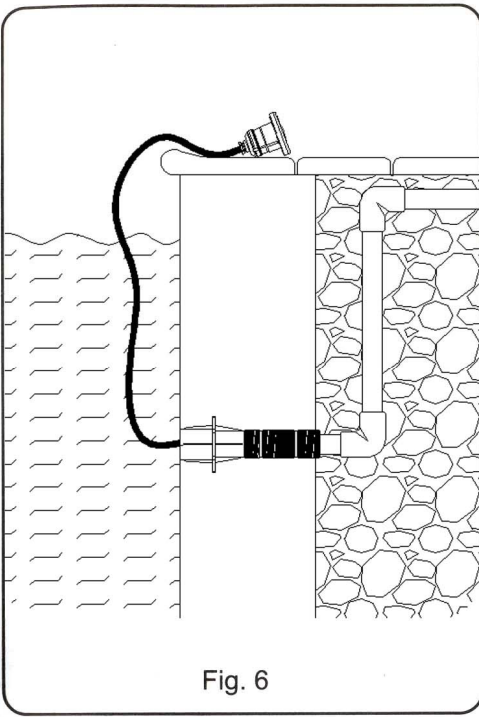


ENGLISH

N°	CODE	DESCRIPTION	33708	33684	CANT
1	18881/18882 (*)	Coloured lens: Red / Yellow (*)	*	*	*
1	18883/18884 (*)	Coloured lens: Green / Blue (*)	*	*	*
2	17883R0003	Decorative key	X	X	1
3	08554R0005	Decorative cover		X	1
4	17883R0002	Floodlamp ring	X	X	1
5	08523	D.63 floodlamp lens	X	X	1
6	19334	GX-5.3 50W 12V Halogen bulb with reflector	X	X	1
7	17883R0005	63x52x2 butt joint	X	X	1
8	00360R0002	Lampholder	X	X	1
9	33708R0001	Plastic floodlamp body	X		1
10	32380R0300	Floodlamp body cromed		X	1
11	7230530030	O'ring	X	X	1
12	00346R0011	Gland rubber	X	X	1
13	00346R0012	Plastic washer	X	X	1
14	00346R0010	PG-11 gland seal nut	X	X	1
15	08554R0005	2x1,5x2500 cable	X	X	1

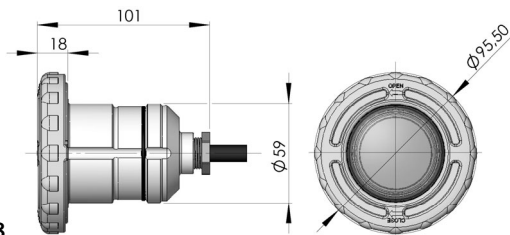
* OPTIONAL



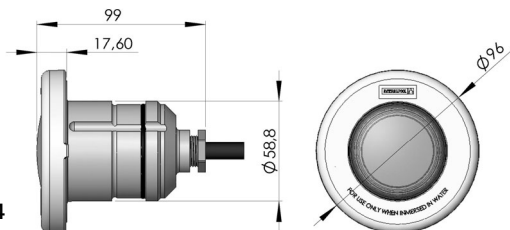


• TECHNICAL CHARACTERISTICS
• CARACTERISTIQUES TECHNIQUES
• CARACTERISTICAS TECNICAS
• DATI TECNICI
• TECHNISCHE ANGABEN
• CARACTERISTICAS TECNICAS

Model: 33708



Model: 33684



DESCRIPTION	Model "MINI"
Rated voltage / tension nominale / Tensión nominal Tensione nominale / Anschlussspannung / Tensao nominal	12 V AC
Lamp / Lampe / Lámpara / Lampada / Lampe / Lâmpada	12V AC 50 W Halogen lamp with aluminised reflector and front lens Réflecteur aluminisé et lentille frontale Reflector aluminizado y lente frontal Riflettore rivestito d'alluminio e lente frontale Reflektor mit Aluminium und frontaler Linse De halogéneo reflector aluminizado e lente frontal
Protection / Protección / Protection / Schutz Protezione / Protecție / Protecção	CLASE III IPX8
ONLY FOR USE WITH LAMPS WITH ALUMINISED REFLECTOR AND FRONT LENS / N'UTILISER QUE DES LAMPES À REFLECTEUR ALUMINISÉ ET LENTILLE FRONTALE / SOLO USO DE LAMPARAS CON REFLECTOR ALUMINIZADO Y LENTE FRONTAL / SOLO PER LAMPADIE CON RIFLEITTORE RIVESTITO D'ALLUMINIO E LENTE FRONTALE / NUR VERWENDUNG VON REFLEKTORLAMPEN MIT ALUMINIUM UND FRONTALER LINSE / SO DE LÂMPADAS COM REFLECTOR ALUMINIZADO E LENTE FRONTAL.	
TO BE USED ONLY WITH A SECURITY TRANSFORMER / À UTILISER UNIQUEMENT AVEC UN TRANSFORMATEUR DE SÉCURITÉ / PARA USO EXCLUSIVO CON TRANSFORMADOR DE SEGURIDAD / PER USO ESCLUSIVO CON TRANSFORMATORE DI SICUREZZA / NUR ZUSAMMEN MIT EINEM SICHERHEITSTRANSFORMATOR ZU BENUTZEN / PARA USO EXCLUSIVO COM TRANSFORMADOR DE SEGURANÇA	
THE UNDERWATER LIGHT NEVER TO BE SWITCHED ON IF IT IS NOT SUBMERGED / N'ALLUMER LE PROJECTEUR QUE SUBMÉRGÉ DANS L'EAU / NO ENCENDER NUNCA EL PROYECTOR SI NO ESTA SUMERGIDO EN AGUA / NON ACCENDERE MAI IL PROIETTORE SE NON È IMMERSO IN ACQUA / UNTERWASSER Scheinwerfer NUR UNTER WASSER GETAUCHT ANZUMACHEN / NAO ACENDER NUNCA O PROECTOR SE NAO ESTIVER SUBMERGIDO NA AGUA	

Made in EC

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