

***“Adding light  
to your life”***



---

# OWNER'S MANUAL

---

## **Atecpool Extra Flat Mini SS & ABS LED Lighting**



[atecpool.com](http://atecpool.com)

**ATECPOOL**  
INTERNACIONAL ESPAÑA

## Technical Specifications

Standard input voltage for ABS Light : 12V DC

Standard input Voltage for SS Light : 12V DC for 100 mm DIA / 12V AC for above 100mm DIA

Standard input watt:

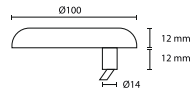
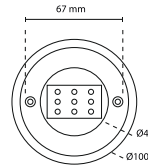
- ABS Flat Light Watt :
  - 5 Watts
- SS Flat Light Watt :
  - 100mm DIA 10 Watts in Single Color. 18Watts in RGB
  - 150mm DIA 18 Watts in all color range
  - 180mm DIA 25 Watts in all color range

16 programs with Synchronization capability

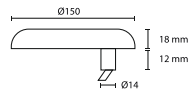
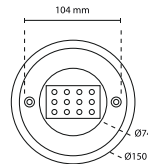
## Dimensions



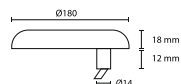
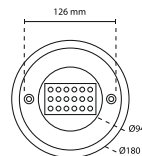
Code No :20768 ,20765,20769



Code No :20791,20770,20792



Code No :20795,20794,20796



## Technical Specifications

Standard input voltage for ABS Light : 12V DC

Standard input Voltage for SS Light : 12V DC for 100 mm DIA / 12V AC for above 100mm DIA

Standard input watt:

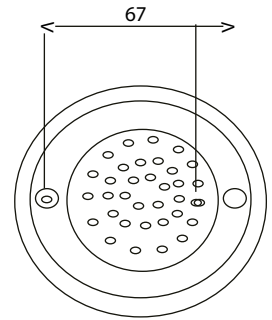
- ABS Flat Light Watt :  
5 Watts
- SS Flat Light Watt :  
100mm DIA 10 Watts in Single Color. 18Watts in RGB  
150mm DIA 18 Watts in all color range  
180mm DIA 25 Watts in all color range

16 programs with Synchronization capability

## Dimensions



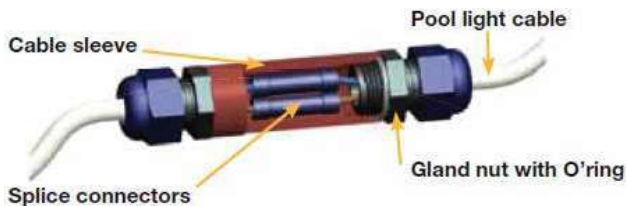
Code No : 20711,20755,20758,20767



## Maintenance & Replacement

There is no maintenance required for this lamp – it is designed to be used only once, meaning that replacement is necessary if it becomes defective (repairing is impossible). Before any handling, ensure that there is NO voltage supplied to the lamp. To replace, unfasten the lamp from the bracket. Ensure the new lamp is of the same model and characteristics as the one being replaced.

If the cable pipes you use has inner diameter 26mm or more, you can use the retrofit connector to connect the cable easily. Simply crimp both connections with the splice connectors, slide the cable sleeve over the connection and hand tighten the gland nuts. Then hide the retrofit connector in the pipe. The retrofit connector is ordered separately.



## Start-up

The lamp should only be operated underwater while secured to the vertical walls of the pool. Never switch on the lamp if it is not underwater.

- In case of colored lamps, 16 pre-programmed effects and combinations may be selected using the on/off switch of your pool lights. Just switch off and switch on within 2 seconds.
- If the light is powered off for more than 20 seconds, it will keep the latest program when it is turned on again.
- To achieve synchronization, confirm all lamps are installed correctly on the same switch, after they are powered off for more than 20 seconds, switch on and switch off continuously three times, and then finally turn them on again. They will all go to program 5. Now you can select a program for them by switch off and on within 8 seconds.
- Alternatively, we recommend using our optional controller (with in-built safety transformer) which comes with (a) remote control for easy operation and (b) auxiliary connection of 24V for operation of any other electrical item.

## Safety Warning

- The persons who are in charge of installation 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.
- IEC 364-7-702 standards must be observed: WIRING IN BUILDINGS, SPECIAL WIRING, SWIMMING POOLS.
- Replacement must be performed with the lamp disconnected from the electric power system.
- Do not handle any electrical components with wet feet.

## Warranty

The manufacturer warrants this resin filled LED underwater lights against defects in materials and workmanship for a period of three years from the date of purchase. This warranty does not cover the fixture becoming damaged due to misuse, accidental damage, improper handling and/or installation and specifically excludes liability for direct, incidental or consequential damages. Defects in materials and workmanship are exclusive of the following:

- The light with normal LED less than 30W has 3 dead LED or less.
- The light with normal LED more than 30W (included) has 6 dead LED or less.
- The light has small air bulbs inside the resin on the front side with a size of 9 mm<sup>2</sup> or less, and the number of the air bulbs is 3 or less.
- The light has small air bulbs inside the resin on the back side.



**“Adding light  
to your life”**

---

## Contact us

---

**Head Office  
Spain**

**ATECPPOOL INTERNACIONAL ESPAÑA**

World Trade Center Edificio Sur  
2ª Planta - Muelle de Barcelona  
E-08039 Barcelona, Spain  
Tel. + 34 93 3443358  
Email: info@atecpool.com

**United Arab  
Emirates**

**A-TECHNOLOGIES FZCO**

Jebel Ali Free Zone  
PO.Box: 18400 Dubai  
United Arab Emirates  
Tel.+ 971 4 8860880  
Fax: + 971 4 8860881  
Email: info@a-technologies.com

**Sweden**

**A-TECHNOLOGIES SWEDEN AB**

Frillesaasvaegen 83  
S-439 62 Frillesaas, Sweden  
Tel. + 46 703 655 630  
Email: info@atecpool.se

**Australia**

**A-TECHNOLOGIES AUSTRALIA**

20 Mercantile Crt.  
Molendinar, Qld 4214  
P.O. Box: 638, Ashmore City  
Tel. + 61 7 55 949111  
Fax: + 61 7 55 949266  
Email: info@atecpool.au

**India**

**A-TECHNOLOGIES INDIA**

613-A, 6th Floor Ansal Chamber - II  
Bhikaji Came Place, New Delhi  
110066, India  
Tel. + 91 11 26195948  
Email: divender@a-technologies.com

---

For more product  
information:

**atecpool.com**

**join us**   

---

DESIGNED AND ENGINEERED  
BY ATECPPOOL IN BARCELONA, SPAIN



**ATECPPOOL**  
INTERNACIONAL ESPAÑA