



## Low Voltage Transformer For Submersible lighting

Insulation Class B (130°C)

Model No. DA-60-12WA-1

INPUT: 115 VAC/60 Hz, 0.65 A MAX  
OUTPUT: 12 VAC/60 Hz, 60 W MAX

### INSTRUCTIONS AND WARNINGS

#### USAGE

This product is suitable for use with landscape and submersible lighting fixtures. Use only with covered GFCI receptacles. It functions in hot and cold temperatures, from -10°C to 40°C (14°F to 104°F).

#### MOUNTING

The mounting tab of the transformer (**Fig. 2**) should be mounted at least one foot above the ground in an unshaded area, close to an outdoor receptacle and out of the reach of small children. The location should be free of shrubbery and obstructions to allow the PTS (Photo Timer Sensor) to correctly sense day and night. The PTS is located on the unit's front side (**Fig. 1**). Also, the unit should be kept from direct bright light, as this, too, could cause the sensor to misread and prematurely turn off lighting.

Mount the unit on wooden surfaces using a large screw (not provided). For concrete and brick, first drill a 3/16 inch hole into the surface and insert an anchor and large screw (not provided). For all surfaces, make sure there is a ¼ inch clearance between the wall and screw head. Finish by hanging the unit and tightening the screw (**Fig. 2**).

#### OPERATING INSTRUCTIONS

1. Plug unit into a 115 VAC/60 Hz outlet.
2. Adjust timer control, which is located on the back of the unit.

There are four options (**Fig 3**):

- AUTO: The bulb will light from dawn to dusk.
- 4H: The bulb will light at dusk for 4 hours, then turn off.
- 6H: The bulb will light at dusk for 6 hours, then turn off.
- 8H: The bulb will light at dusk for 8 hours, then turn off.

3. To turn lights on during the day for trouble-shooting or testing, simply cover the sensor with tape.
4. To connect the low voltage cable, first strip 3/8 inch off of insulation, then insert and secure under pressure plates (**Fig. 3**). Insulation must be clear of pressure plates.

#### SAFETY

This unit offers short-circuit protection. If it's overloaded, the inner fuse will turn off automatically to prevent damage and fire to the electrical components. NOTE: When short-circuit is removed, the unit will turn on automatically.

#### WARNING

The load connected to the transformer must not exceed 60 watts; the bulb must be 12 volts AC. Risk of fire. Special wiring is needed if installation involves running cable through a building. Consult a qualified electrician.

INPUT Power Supply Cord SJTW 12AWG  
105°C three conductors

Fig1



Photo Sensor

Fig2



Screw

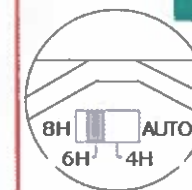
Mounting Tab

Fig3



Low voltage cable pressure plates

Time control slide switch



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