

SS120W Instructions

SPECIFICATIONS

120 WATT DIGITAL TRANSFORMER

INPUT: 120VAC 60Hz 1.0A

MAX RATING: 120VA max

Output:12VAC/15VAC

MODEL: ELS-GM-0120-120M12-SS-A

P/N:SS120W

SAFETY INFORMATION

- 1. Do not install within 10 feet (3m) of a pool, spa, or fountain.
- 2. This transformer is suitable for mounting within 12 in. to 48 in. (0.3m to 1.2m) of the ground.
- 3. For use with a low voltage outdoor landscape lighting system.
- 4. There are no serviceable parts inside the power supply unit. DO NOT DISASSEMBLE.
- 5. Do not submerge transformer.
- 6. Do not connect two or more transformers in parallel.
- 7. Do not use with a dimmer.
- 8. Plug the power supply unit directly into a GFCI wet location outlet.
- 9. Do not use an extension cord.
- 10. The maximum output of this transformer is equal to or less than 120 watts. Do not overload the transformer. Be sure that the total cumulative wattage of all 12-15volt fixtures connected to the transformer is equal to or less than 120 watts. Total bulb wattage must not exceed a maximum of 120 watts.
- 11. For best performance, and to limit operation of the automatic thermal protector, do not install where air flow around the unit is overly restricted.
- 12. For supply connections, use wire rated for at least 60°C.
- 13. Keep enclosure cover closed.
- 14. Suitable for Use with Submersible Luminaires or Submersible Pumps or equivalent.



WARNING: Risk of Electric Shock. Install power unit 5 feet (1.5m) or more from a pool, spa, or fountain. Where the power unit is installed (a) indoors within 10 feet (3.0m) of a pool, spa, or fountain or (b) outdoors, connect power unit to a receptacle protected by a GFCI.



WARNING: For outdoor installations use UL Listed Underground low energy circuit cable or SPT-3 or SPT-2W. Failure to use at least 16-gauge minimum cable or install it as directed in these instructions may result in Risk of Fire or Electric Shock. Using large cable will ensure maximum light output.



WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



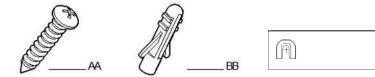
IMPORTANT: This landscape light system must be installed in accordance with all local codes and ordinances. If you are experiencing problems, contact a qualified electrician.

PRE-INSTALLATION

Hardware Included



NOTE: Hardware not shown to actual size.



A

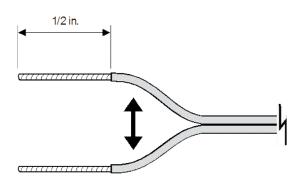
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Part	Description	Quantity
AA	5.0X50 Screw	2
BB	Wall Anchor	2
CC	Mounting Template	1

INSTALLATION

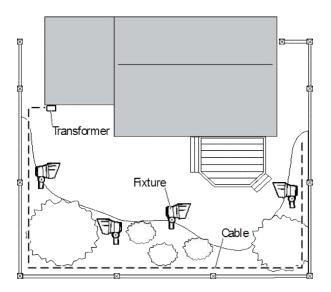
1. Preparing the cable

- ♦ Use caution when splitting to avoid exposing copper wire.
- ◇Remove 1/2 in. of insulation from both wires and twist the ends. Refer to the strip-length guide on the Transformer (A).



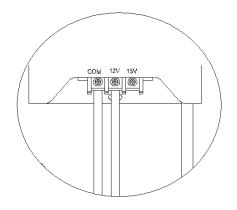
3. Layout Garden Light

- ♦ Lay the fixtures (not included) in their desired locations. Be sure they do not exceed the 200-watt rating of the transformer.
- ♦ Route the low voltage cable to the fixtures. If there is extra cable, coil the cable after the last fixture.

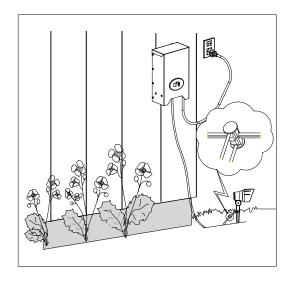


2. Connect Cable

♦ Lay the transformer on a flat, stable surface and insert the stripped end of one wire under the terminal clamping plate COM 12V 15V then tighten the **screw**.



4. Mounting the transformer



Programming

1. Setting PHOTOCELL AUTO ON/OFF

- ♦ Press ↑ or ↓ for 3 secs, and select the "A".
- ♦ Enter the AUTO Photocell mode after "A" flashes for 5 secs
- \diamond The start delay time is 0.1 sec. \pm 1 sec. ; The off delay time is 60 sec. \pm 10 sec.

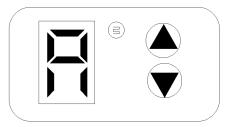


FIG.1

3. Setting the TIME ON/OFF

- → Press ↑ or ↓ for 3 secs, and the select "1-9" timer mode. Press ↑ to add the timing time
 ↓ to reduce the timing time. Enter the timer mode after "1-9" flashes for 5 secs.
- ♦ The time tolerance is ±3 seconds per hour.

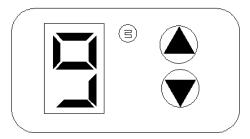


FIG.3

2. Operating in Manual Mode

- \Diamond Press \uparrow or \downarrow for 3 secs, and the select " \Box ".
- ◆Enter the Manual mode after "□" flashes for5 secs. Press ↑ to open and press ↓ to close.

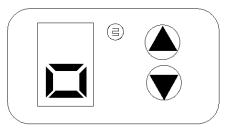


FIG.2

4. Using the TEST function

- ♦ Press ↑ or ↓ for 3 secs, and select the "[".
- ♦ Enter the TEST mode after "[" flashes for 5 secs.
- ♦ The time of photocell feeling the external light signal: the lights will turn on at dusk and off at dawn within 0.5 seconds .

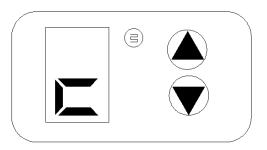


FIG.4

