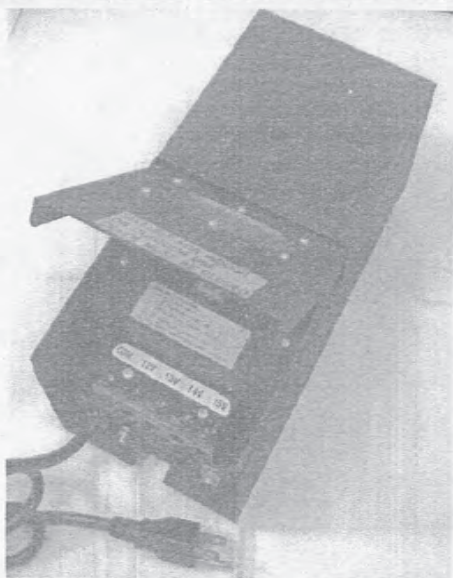


SUITABLE FOR USE  
WITH SUBMERSIBLE  
LUMINAIRES OR  
SUBMERSIBLE PUMPS



C  US  
LISTED  
E181950  
5G45

# GARDEN LIGHT INSTRUCTION MENU

## A. PROFILE

THE OUTDOOR TRANSFORMER IS FOR 300W GARDEN LIGHT USE, WHICH IS SIMPLE CONSTRUCTION, EASY INSTALLATION AND CONVENIENT FOR USE. THIS IS A VARIETY AND SMART PRODUCT.

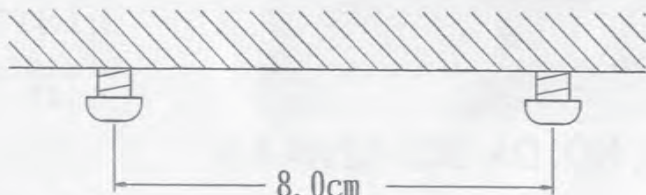
### A1. FUNCTIONAL:

- A1-1. LIGHT CONTROL: BULB WILL LIGHT AUTOMATICALLY WHEN THE SURROUNDING LUMINANCE TURNS DARK.
- A1-2. AFTER SENSING THE SURROUNDING LUMINANCE, "PTST" WILL RESPONSE AUTOMATICALLY AFTER 30 SECONDS TO AVOID ANY FALSE RESPONSE DUE TO AMBIGUOUS LIGHT.
- A1-3. TIMER CONTROL: WHEN BULB LIGHT, THE TIMER WILL START TO COUNT TIME. TIMER CAN BE SETUP FROM 1-9 HOURS, THE BULB WILL TURN OFF AUTOMATICALLY DURING THE TIMER WORKING. IF "PTST" SENSE THE INTENSIVE LUMINANCE OVER 30 SECONDS, THE BULB WILL TURN OFF AUTOMATICALLY. TIMER WILL RE-SET TIME WHEN NEXT SENSING
- A1-4. PRESS "ON " OR "OFF" TO CONTROL LIGHT " ON OR "OFF"
- A1-5. RESTORE AUTOMATICALLY IN 24 HOURS, THE SECOND DAY AFTER THE SETTING HAS COMPLETED WHEN "PTST" SENSES THE LUMINANCE GET DARK, IT WILL REPEAT THE FUNCTION SAME AS PREVIOUS SETTING.
- A1-6. SHORT CIRCUIT PROTECTIN  
WHEN OUTPUT OF " PTST" OCCURS SHORT-CUT, THE INNER CIRCUIT BREAKER WILL BASCULE AUTOMATICALLY TO AVOID BURNING THE ELECTRONICALLY PARTS AND CAUSE FIRE, PRESS CIRCUIT BREAKER WILL REGAIN.

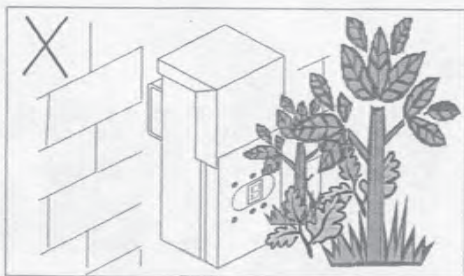
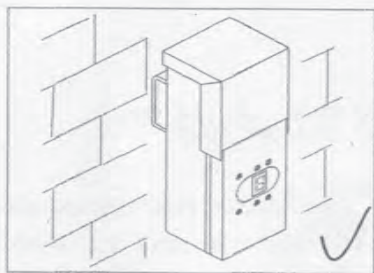
## B. INSTALLATION

### B1. INSTALLATION INSTRUCTION:

- B1-1. TWO HOLES ARE ON BACK OF TRANSFORMER, PLS CHECK THE DISTANCE BETWEEN 2 HOLES (SEE DRAWING 1)
- B1-2. FIX SCREW ON THE WALL 1 METER AT LEAST FROM GROUND AND HANG TRANSFORMER ON IT.  
NO SHELTER IN FRONT OF THE TRANSFORMER OR IT WILL AFFECT THE TRANSFORMER' S MOTIONS. (SEE DRAWING 2)
- B1-3. OUTPUT CONNECTION (SEE DRAWING 3)



DRAWING 1



DRAWING 2

**B2. ATTENTION:**

B2-1. DO NOT INSTALL TRANSFORMER IN PLACE WHERE WAS COVERED THE SUNLIGHT.

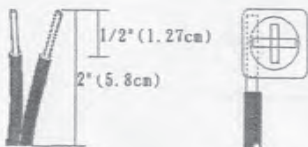
B2-2. SUITABLE SURROUNDINGS TEMP FOR TRANSFORMER AT  $-30^{\circ}\text{C} - +40^{\circ}\text{C}$

IT WILL CAUSE INCORRECT MOTION IF TEMP EXCEEDING ABOVE FOR LONG TIME.

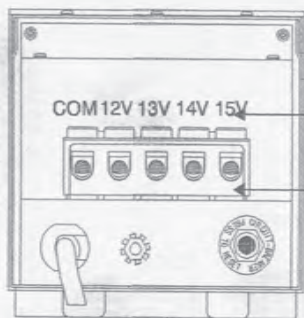
B2-3. THE OUTPUT END.

A. MOUNT THIS UNIT AT LEAST 12 INCHES ABOVE GROUND. THIS TRANSFORMER IS FOR OUTDOOR INSTALLATION. INSTALLATION HAS THE TRANSFORMER CENTRALLY LOCATED WITHIN 100 CABLE FEET OF ALL FIXTURES CONNECTED TO IT.

B. USING 10AWG SINGLE WIRE (OR SUITABLE MULTI WIRE) FOR CONNECTION 300W.



Position 1 wire under each terminal pressure plate and tighten screw securely. Make sure wire insulation clears pressure plate.



Total bulb's wattage doesn't exceed max wattage.

Tighten screws securely.

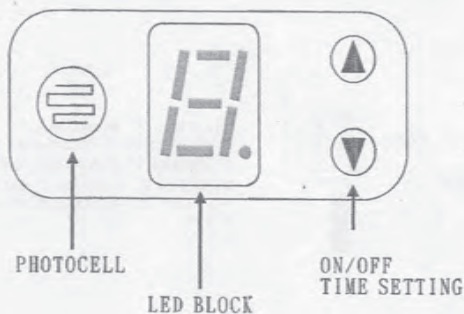
RESET SWITCH-Press to reset transformer if lights go out

Connected Ground

DRAWING 3

## C. HOW TO USE

- C1. WHEN INSTALLATION IS READY, PLS OPEN THE FRONT COVER AND PLUG INTO POWER. THE POWER WILL LIGHT AND LED DISPLAY WILL NOT LIGHT.  
"NA": DISPLAY WILL NOT SHOWED.  
▼ OR ▲: DISPLAY WILL SHOW AS BELOW:  
"0": POWER "ON", BULB WILL LIGHT AUTOMATICALLY.  
"A": AUTO (LIGHT CONTROL), BULB WILL LIGHT AUTOMATICALLY WHEN SURROUNDINGS LUMINANCE TURNS DARK UNTILL NEXT MOTION.  
"1-9": WHEN LIGHT CONTROL WORKS, THE TIMER WILL COUNT TIME, BULB WILL BE OFF WHEN TIME UP.  
"▲": GO WITH RIGHT ORDER: "NA", "0", "A", "1", "2", "3", "4", "5", "6", "7", "8", "9".  
"▼": GO WITH LEFT ORDER: "NA", "9", "8", "7", "6", "5", "4", "3", "2", "1", "A", "0".
- C2. IMPORTANT:  
THE BULB WILL NOT BE OFF IF RE-SET THE TIMER, AND IT WILL FOLLOW THE NEW RE-SET WHEN TIMER WORKS.
- C3. EXTERNAL FUNCTION DISPLAY (SEE DRAWING 4)



DRAWING 4

## D. BREAKDOWN REMOVED

1. POWER NOT LIGHTED  
MAKE SURE TO "PLUG-IN" POWER, CHECK INPUT POWER.
2. OUTPUT NOT LIGHTED
  - A. ADJUST DISPLAY TO "ON"
  - B. CHECK CIRCUIT R BEAKER, PRESS "RESET" BUTTON.
  - C. CHECK THE CONNECTION BETWEEN OUTPUT CABLE AND TRANSFORMER OUTPUT TERMINAL, IF FOUND ANY BAD CONNECTION, PLS RE-CONNECT AND SCREW TIGHTLY.
3. PLS CONTACT YOUR LOCAL DISTRIBUTOR IF BREAKDOWN OCCURENCE.