

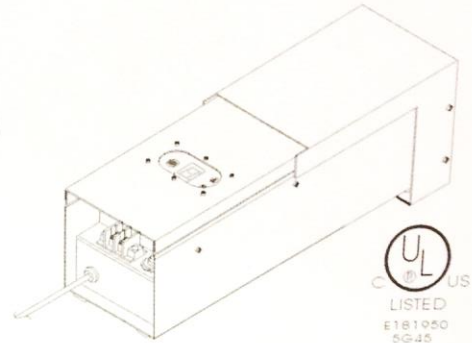


LOW VOLTAGE GARDEN LIGHTING

POWER SUPPLY INSTRUCTION MANUAL

MODEL No.: **PL108T**

300 WATT 12 VOLT LANDSCAPE LIGHTING TRANSFORMER
FOR USE ON 120 VOLT CIRCUITS ONLY
OUTDOOR RECEPTACLE SHOULD BE OF "GFCI" TYPE



THIS TRANSFORMER HAS AN OUTPUT RATING OF 300 WATTS AT 12 VOLT AC.
THE LOAD CONNECTED TO THIS TRANSFORMER SHOULD NOT EXCEED 300 WATTS.
E.G. 6 X 50 W = 300W, 8 X 35 W = 280W, 15 X 20 W = 300W.

SHOULD A SHORT CIRCUIT OR OVERLOAD OCCUR, THE SECONDARY BREAKER WILL TRIP AND SHUT OFF THE SYSTEM.

REMOVE THE CAUSE OF THE SHUTDOWN AND WAIT 4 MINUTES, AND THEN RESET THE BREAKER BY PRESSING THE "RESET" BUTTON.

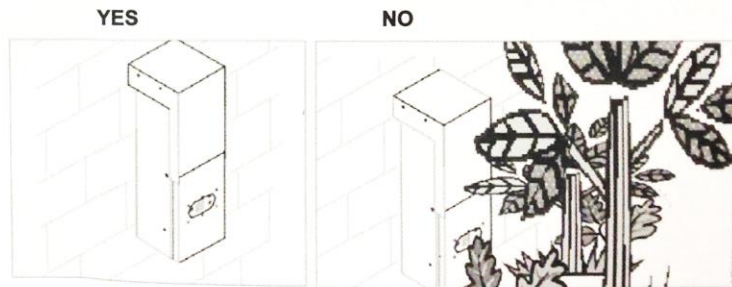
BE AWARE OF THE MAXIMUM AMPACITY OF THE LOW VOLTAGE CABLE USED IN THE INSTALLATION. WHEN IN DOUBT AS TO WHAT SIZE CABLE TO USE FOR THE INSTALLATION, CONTACT A QUALIFIED ELECTRICIAN.

THE AMBIENT TEMPERATURE RANGE IN WHICH THIS TRANSFORMER WILL OPERATE IS FROM MINUS 22 DEGREE FAHRENHEIT TO 105 DEGREE FAHRENHEIT.

THIS TRANSFORMER SHOULD BE MOUNTED WITH ITS BOTTOM EDGE AT LEAST 40 INCHES ABOVE THE GROUND.

THE TRANSFORMER SHOULD HAVE NORMAL DAYLIGHT EXPOSURE. DO NOT MOUNT THE TRANSFORMER IN A DARK OR HEAVILY OBSCURED LOCATION, AS THE PHOTO CELL WILL TURN THE SYSTEM ON PREMATURELY.

ALWAYS PLUG THE TRANSFORMER INTO A GROUNDED 120 VOLT RECEPTACLE.



DRAWING 2 & 3

OPERATING INSTRUCTIONS

PLUG THE UNIT IN.

THE SYMBOL "A" WILL APPEAR ON THE DISPLAY. "A" STANDS FOR "AUTOMATIC", AND MEANS THAT THE SYSTEM IS CONTROLLED BY THE PHOTOCELL. AT THIS SETTING THE SYSTEM WILL TURN ON AT DUSK AND OFF AT DAWN, AUTOMATICALLY.

PRESS THE "UP" ARROW AGAIN AND "1" WILL APPEAR ON THE DISPLAY. THIS MEANS THAT THE LIGHTS WILL TURN ON AT DUSK AND TURN OFF AFTER ONE HOUR.

PRESSING THE "UP" ARROW AGAIN AND AGAIN UP TO THE NUMBER "9", SETS THE TIMING FUNCTION TO "ON" IN ONE HOUR INTERVALS UP TO NINE HOURS AFTER DUSK.

PRESSING THE "UP" ARROW AGAIN WHILE "9" IS DISPLAYED WILL CHANGE DISPLAY TO THE "." DECIMAL POINT AND TURN OFF THE SYSTEM.

PRESSING THE "UP" BUTTON AGAIN WHILE "." IS DISPLAYED WILL DISPLAY THE "0" SYMBOL. THIS OVERRIDES THE PHOTOCELL AND TURNS THE SYSTEM ON MANUALLY FOR DAYTIME USE AND TESTING.

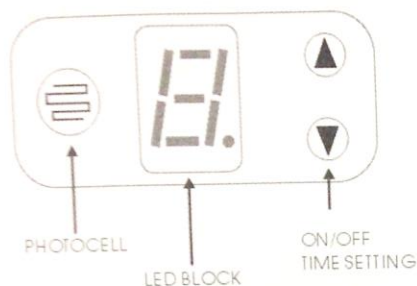
AFTER PLUGGING THE UNIT IN, THE SETTINGS, USING THE "UP" ARROW, ARE DISPLAYED IN THIS SEQUENCE:

"A", "1", "2", "3", "4", "5", "6", "7", "8", "9", ".", "0".

THE SEQUENCE IS REVERSED WHEN USING THE "DOWN" ARROW.

THE PHOTOCELL OPERATES WITH A SLIGHT TIME DELAY TO PREVENT FALSE REACTIONS TO MOMENTARY CHANGES IN AMBIENT LIGHT CONDITIONS, SUCH AS CAR HEADLIGHTS.

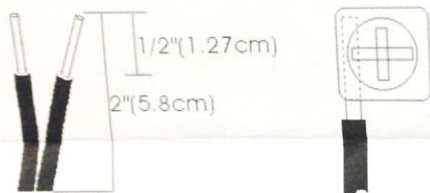
External function display, see drawing No. 4



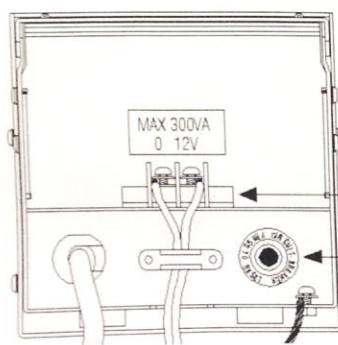
DRAWING 4

CONNECTING THE LOW VOLTAGE CABLE:

STRIP 1/2" OF INSULATION OFF THE ENDS OF THE LOW VOLTAGE CABLE. INSERT STRIPPED ENDS INTO TERMINAL BLOCK OPENING MARKED "COM" AND "12V". TIGHTEN SET SCREWS SECURELY ONTO THE BARE WIRE. MAKE SURE INSULATION CLEARS TERMINAL BLOCK



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



Tighten screws securely

RESET SWITCH-Press to reset transformer if lights go out