

PNG 050

LIGHTING CONTROL

120 V | 15A | 1HP

Set **total cycle** from one of the
4 preset settings : 24 hours-20 hours
16 hours-12 hours

Set hot balast **start delay**
from 0 minutes to
15 minutes or stays off

Displays **time** remaining in cycle

Set light period
from **1 hours to 20 hours**

Set **high temperature** shut
off from 50°F to 130°F



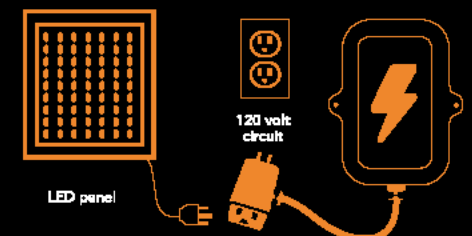
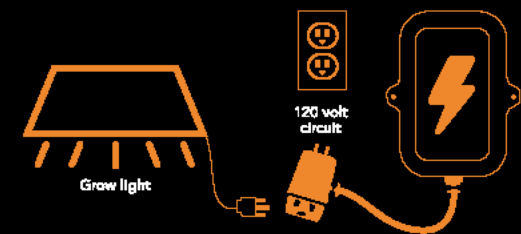
Grow light



LED panel

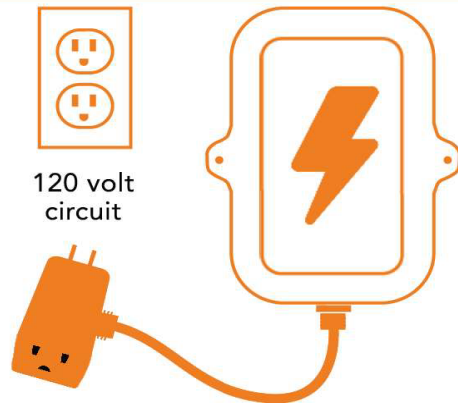
All in one digital lightning timer.
Displays the time left in the cycle
and if the output is activated.
Simply select your day cycle and
your wanted lightning period.

Finally, set your high temperature
shut off limit with the wanted hot
balast start delay and you are
ready to go !



3 YEAR
WARRANTY

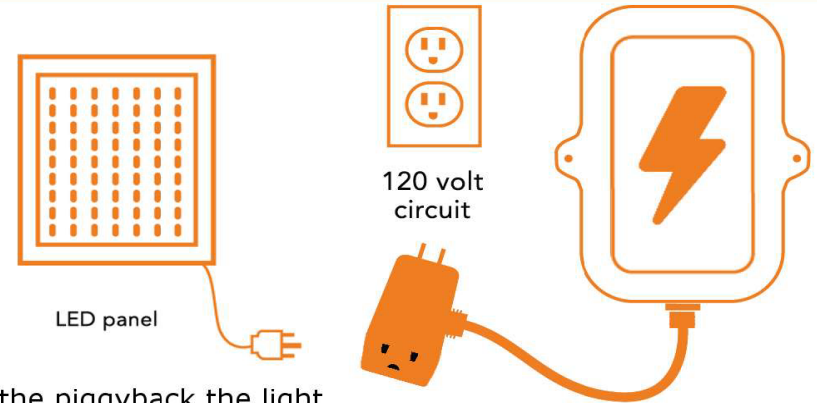
1



120 volt circuit

Plug the PNG-050 piggyback in the AC 120V outlet you want to use to supply your equipment with power.

2



LED panel

120 volt circuit

Plug in the piggyback the light you wish to control.

Made for led panels or any other grow lights. (Max load at 120V is 15 Amps)

Controller specifications

Controller specs

- Size : 5^{3/4}"x5^{1/2}"x1^{1/2}"
- Weight : 1,4 lbs
- Digital display : Yes
- Day/night detection : Photocell
- Day/night setpoints : Yes

Electrical specification

- Power supply : 120V - 20A - 60Hz
- Output maximum current: 120V-15A - 1HP
- Operating conditions : 0 to 60 °C, 0 to 95 % non-condensing RH

Auxiliary device control

- Controlled action : lighting with high temperature shut-off
- Controlled auxiliary outputs: 1
- Simultaneously controlled equipment :1

Manufacturer

- Warranty : 3 years
- Technical support : Free support, 5AM to 19PM, Monday-Friday, Eastern time
- Country of origin : Canada

Lighting control

- Temperature sensor accuracy : $\pm 2^{\circ}\text{F}$ ($\pm 1,1^{\circ}\text{C}$)
- Adjustable temperature shut-off setpoint : 50 to 130°F (10 to 38°C)
- Adjustable light period : 1 to 20 hours.
- Controlled equipment : grow light or LED panel

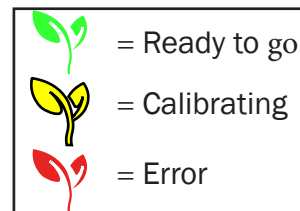
How to get started

- 1- Plug the PNG-050 piggyback in the AC 120 outlet you want to use to supply your equipment.
- 2- Plug in the piggyback the light (max load 15 amps) you wish to control.
- 3- Set light period (upper knob) and shut-off setpoint (lower knob).
- 4 - Set the total cycle with the upper button (24h, 20h, 16h or 12h).
- 5- Set the hot balast start (0 to 15 minutes) delay or stays off (by pushing the lower button).

Quick features:

- Press and hold the mode button 3 secondes to change °F to °C.
- Press and hold the mode button 6 secondes to activate or deactivate lock mode (lock mode = setpoints locked)
- Press and hold for 3 secondes the delay button to reactivate light (when we are in a high temp. shut-off situation) or to put back the countdown to 0 (when we are in a normal situation) and switch to the next status (on-off or off-on)

Error code



= Ready to go

= Calibrating

= Error

Error 5 : bad readings from the temperature sensor.

Consequence : the controlled output is off as long as the error persist.

Action : Remove the power for 5 secondes and put it back on.