PRODUCT FEATURES

- The FLED lighting system provides full spectrum illumination.
- Control each color channel independently between 0-100%.
- Stimulate sunrise and sunset in a 24-hour cycle.
- Integrated timer to turn the lighting system on at desired times.
- Memory function that can save all set data to avoid any loss during a power outage.
- High-intensity LED with optical spread provides natural illumination to your aquarium.
- 2 Year Limited Warranty

WHAT'S INCLUDED

[Diagram of included items]

Controller Overview

- ________________________________________
- ________________________________________
- ________________________________________
- ________________________________________

Clock Programming

- Press and simultaneously until the first two digits flash, use and to set the hour.
- Press and when the last two digits flash, use and to set the minutes.
- Hours and minutes are correct press to set the time on the controller.

Mode Selection

- Press mode to change the mode selection.
- Manual mode, individually set the intensity of each color channel, no timer function is used on this unit will need to be manually turned on or off.
- Automatic mode, automatically control 10min of ON/OFF and intensity of W/N/W channels.

Automatic Mode

- Power on the unit and use the button to set the mode as desired.
- Each color channel (W/N/W) must be set individually by using the and buttons to adjust intensity (range of 1-100).
- The timer function is available in manual mode, must use the button to turn the unit on and off as needed.

Programming Sunrise and Sunset feature

- Press the button for 14 seconds to enter the setting of sunrise and sunset time.
- Use + or - to adjust the length of time desired for sunrise and sunset (0-100 minutes).
- Press + to confirm the setting.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Channel</th>
<th>Voltage</th>
<th>RPM</th>
<th>LEDWatt</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TFL004</td>
<td>8W/5W/18W</td>
<td>24VDC</td>
<td>2000</td>
<td>27W/18W</td>
<td>5.28W</td>
</tr>
<tr>
<td>TFL005</td>
<td>8W/5W/18W</td>
<td>24VDC</td>
<td>2500</td>
<td>27W/18W</td>
<td>5.28W</td>
</tr>
<tr>
<td>TFL006</td>
<td>8W/5W/18W</td>
<td>24VDC</td>
<td>2700</td>
<td>27W/18W</td>
<td>5.28W</td>
</tr>
</tbody>
</table>

IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS BELOW.

1. Please read all safety instructions before operating. Any failure to do so may cause harm to your physical safety, fish or damage to device.
2. Potential dangers:
   1. To avoid any possibility of electric shock, special care should be taken, including: DO NOT try to repair the device yourself. Please contact your authorized dealer.
   2. Please check the device before installation and DO NOT operate if there is any damage to the cord plug or adapter. If there is any damage, please contact your authorized dealer.
   3. To avoid any possibility of electric shock hazard the electrical device should be plugged into a well-maintained outlet to prevent water dripping or leaking into the outlet. A drip loop should be configured by the user.
3. If cord plug does not work, turn off the circuit breaker. DO NOT use hands to touch plug or any connections.
4. This device is not intended for children, or any person with significantly impaired physical or mental capabilities, unless under supervision of a parent responsible or their safety.
5. If harm, DO NOT touch electrical components.
6. Always ensure to stop any electric devices before putting hands in the water.
7. This device is intended for indoor use only.
8. Make sure the device is installed correctly on the aquarium before operating.
9. Make sure any extension cords have the proper rating. Any less amps or watts may cause overheating or overloading.
10. WARNING: The controller cord adapter plug is NOT waterproof. DO NOT immerse it in water. If the above parts fail into the water or get wet, DO NOT touch until the circuit breaker has been turned off.