



## *Quick Start Guide*

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# Constellation Pro



### **Getting Started:**

#### **Step 1: Download it.**

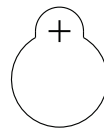
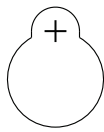
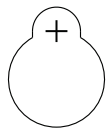
Scan this QR code to go directly to the download screen or search "Intelligent Transformer" from the Play Store for an android phone or from the App Store for an iphone. Download and install the Constellation Pro app.

#### **Step 2: Plug it in.**

Plug in your transformer and bring up the Constellation Pro app on your phone (be sure the Bluetooth is enabled). The app will find your transformer by its specific serial number. Click on the serial number to start using your transformer. You can rename your transformer to anything you like.

#### **Step 3: Program your settings.**

Use your phone to set your desired on and off times, or just let Constellation Pro use the default setting of sunset to sunrise.



# Constellation Pro Transformer Quick Start Guide

This Quick Start Guide gives you the basic mounting and device application (app) download instructions for your newly purchased Constellation Pro. This unit is equipped to communicate using Bluetooth Smart and works with your smart phone to make setup and programming your Constellation Pro quick and easy.

## **MOUNTING INSTALLATION:**

This unit is suitable for indoor or outdoor use. **WARNING - Risk of Fire.** If installation involves running wiring through a building structure, special wiring methods are needed. Consult a qualified electrician.

**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. An outdoor power unit must use a GFCI protected hooded flush type cover plate receptacle marked "Wet Location".

**WARNING -** Do not use an extension cord. Transformer must be properly grounded per National Electric Code.

1. Mount the Constellation Pro unit at least 12 inches (0.3m) off the ground and away from direct irrigation spray. Install in an open air setting and do not bury. It is best to centrally locate the transformer between fixtures. Use the mounting template at the top and bottom of this page to locate the screws to mount the Constellation Pro unit.
2. Calculate total fixture load and add 10%. This total should not exceed the rated transformer output. Do not overload. You will be able to verify the output load power using the "Power Meter" screen on the Alliance Constellation Pro app loaded onto your phone or tablet (see app download instructions below).
3. You may use any combination of output terminal lugs for your fixture wiring. Use 12 gauge or larger direct burial cable and strip insulation 3/8 inch (9.5mm) minimum, twist wire strands, and insert into terminal lug. Each output lug will hold up to two 12 gauge wires. Tighten terminal lug screws firmly and re-tighten after one week.
4. Plug the Constellation Pro unit power cord into a live AC outlet. The green "POWER" LED will turn on when AC is present.

## **DEVICE APPLICATION DOWNLOAD INSTRUCTIONS:**

After completing the mounting instructions above, download, install and run the Alliance Outdoor Lighting app on your smart phone. This step is required to complete the Constellation Pro setup.

1. Verify that your smart phone is Bluetooth Smart capable (required for Constellation Pro compatibility).
2. Turn your device Bluetooth and Location Services on.
3. For Apple devices, go to the "App Store" or for Android devices go to the "Play Store" and search for "Constellation Pro". The search should return with an app entitled "Constellation Pro". Download the app to your device.
4. Plug the Constellation Pro unit into a live AC outlet. Open the Constellation Pro app on your smart phone. Select the Constellation Pro unit serial number you are installing (the serial number will appear on the app and should match the serial number on the transformer's ratings label).
5. After selecting your unit, the yellow "BLUETOOTH CONNECTED" LED on the unit will begin to blink, indicating that the unit has connected wirelessly via Bluetooth to your smart phone. The GPS coordinates of your location and the current date/time are automatically transferred from your smart phone to the Constellation Pro once the Bluetooth connection is made. The "DUSK TO DAWN" program is set as the default program. This program will turn the lights on at dusk/sunset and off at dawn/sunrise all nights of the week. To choose a different program or to define custom timer settings, visit the "Programs" screen on the Constellation Pro app.

Note: If your smart phone's location services are turned off, the Constellation Pro app will prompt you to enter the local zip code. Once the zip code is entered, the Constellation Pro location is automatically saved.

6. On the "Dashboard" screen, press the lighting fixture symbol to turn the fixtures on or off to verify the system is working properly.
7. Press the three bars symbol in the top left corner of the app. This displays the app menu and allows you to select other screens in the Constellation Pro app.
8. For detailed instructions on how to select other preprogrammed schedules, customize a schedule, or monitor output power, press "Help" from the app menu, or visit [www.LesterElectrical.com](http://www.LesterElectrical.com).

