

Quick Start Guide

Photoclock II Dimming/Non Dimming



Installation

The Photoclock® II relies on synchronizing with GPS (Global Positioning System) satellites operated by the U.S. Department of Defense. The GPS signal is received by an internal antenna and used to set and synchronize the built-in clock. To assure the best radio reception, location and orientation of the Photoclock® II should be considered.

LOCATION: The Photoclock® II should be mounted in a high place, free of obstructions.

ORIENTATION: Orientation is not critical however the window (light sensor) should face north and not in the direction of artificial light (such as another street light). This can cause false light readings.

INSTALLATION: After programming the desired schedule (not required if factory programmed), install the Photoclock® II in a proper locking-type receptacle. When the Photoclock II is first installed, it will immediately begin the process of synchronizing the GPS receiver. A fast blinking LED will indicate the device is working and is in the process of synchronizing. Once the clock has been set, a red light emitting diode (LED) located in the window of the Photoclock II will blink once every couple of seconds. This process is typically completed in less than a minute.

Self Test: If self-test is enabled the unit will provide a 30 second burn upon power up for fixture verification.

Dimming Units will burn for 10 Seconds @ 10v; 10 Seconds @1v; 10 Seconds @10v

Scheduling

The Photoclock® II features a 7 day programmable schedule. Each day of the week is individually customizable up to 6 events, and includes one Seasonal Override.

The Photoclock® II schedule is programmed via a convenient PC application and factory programming is also available. Please see the Ripley Photoclock II Programmer Getting started guide for details on configuring your device.

Technical Data

Input Voltage: 105-305 VAC, 60 Hz	Fail Mode: On
Load Rating: 1000 Watt Tungsten / 1800 VA Ballast	Power Consumption: 0.7 watts typical @ 120v
Surge Protection: 420 Joule MOV /22,000 amp surge	GPS Time to First Fix(TTFF): <2 minutes typical
Accuracy: within 1 Second	

Ripley Lighting Controls - June 2021
Photoclock II - RC-8744/D - Rev. 4
Phone: 803.939.4700
www.RipleyLightingControls.com
DOC: V062221.0