

# P500 SERIES

## Economical Control



For accurate, reliable, and cost-effective lighting control, you can always depend on the **PROFILE P500 SERIES**. Replacing electromechanical time clocks with the P500 lighting controller will save you time and money automatically. Product pictured is the P500-F with standard enclosure.

### CONVENIENT

Once you've programmed the system by entering the local area Zip Code the P500 never needs to be set for the time of day, time zone, or daylight savings. "On" time is Pre-set to local Dusk (sunset), the turn "On Time" variance can be adjusted in five minute increments the range is 0-55 minutes before dusk. "Off" time selection is (10 p.m., 11 p.m., midnight, 1 a.m., 2 a.m., 3 a.m., 4 a.m., 5 a.m., 6 a.m., or Dawn (sunrise). The Dawn turn "Off Time" variance is also adjustable in five minute increments the turn off range is 0-55 minutes after dawn).

### RELIABLE

Since the Profile P500 has no moving parts, nothing will wear out and nothing will need to be repaired. Operating parameters of the system are saved to non-volatile memory, which means that lighting control and settings will not be affected in the event of a power loss.

### EFFICIENT

Complete reliability in turning your lighting system on and off translates into greater savings due to prolonged bulb and ballast life and less maintenance calls. The P500 automatically adjusts itself daily to the changes in daylight throughout the year. This gives you greater efficiency in controlling lighting costs. Daylight Saving Time is fully automatic "Just set it and forget it".

**PROFILE**  
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# P500 Series

## SPECIFICATIONS

### FEATURES

- ✓ Control one lighting schedule for two circuits (DPST).
- ✓ Automatic adjusts for daylight savings time, 2007 compliant.
- ✓ Dusk and dawn calculation based upon site location.
- ✓ "On" time is Pre-set to local Dusk (sunset), the turn "On Time" variance can be adjusted in five minute increments the range is 0-55 minutes before dusk. "Off" time selection is (10 p.m., 11 p.m., midnight, 1 a.m., 2 a.m., 3 a.m., 4 a.m., 5 a.m., 6 a.m., or Dawn (sunrise). The Dawn turn "Off Time" variance is also adjustable in five minute increments the turn off range is 0-55 minutes after dawn).
- ✓ Ability to recover from power outages without affecting accuracy or performance.
- ✓ Service override to turn lights on one hour for maintenance.
- ✓ Battery-backed, real-time, temperature compensated quartz clock.
- ✓ 8 inch wiring harness with connection points labeled for easy installation.
- ✓ No programmer required.
- ✓ LCD display.
- ✓ 90 day limited warranty.

### HARDWARE

- ✓ Two dry contacts N.O., DPST, each rated at 30 amps (120VAC/60Hz) ballast.
- ✓ Solid state electronics, no moving parts to wear out.
- ✓ No external contactors required for typical installation.
- ✓ Operating voltage: 120VAC/60Hz
- ✓ Operating temperature: -30°C to +55°C (-22°F to 131°F)
- ✓ UL listed 16BL
- ✓ NEMA rated non-metallic enclosure.
- ✓ Enclosure dimensions: 9.59"H x 6.63"W x 3.64"D

### OPTIONS

- ✓ Adaptable to most Intermatic and Paragon enclosures (must specify).
- ✓ P500 B-I\* retrofit includes bracket for Intermatic installation which fits standard T101-T102 enclosure-model 2T204GA (does not include enclosure).
- ✓ P500 B-P\* retrofit includes bracket for Paragon installation which fits Paragon A1294-A1394 enclosure (does not include enclosure).
- ✓ Optional "Zip" configuration for large or small orders.

\*Please check with your Profile Representative for your specific retrofit bracket requirements.

***For more information on the P500 Series, please call:***

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