

## The Single Source for Wireless Energy Management Solutions

For accurate, reliable, and cost-effective lighting control, you can always depend on Profile Systems' P500 Series. Replacing electromechanical time clocks with the P501, P502, and P503 lighting controllers will save you time and money automatically.

### CONVENIENT

Once you've programmed the system by entering the local area zip code, which internally sets latitude, longitude, time zone, and daylight savings time, the controllers in the P500 series never need to be re-set.

### RELIABLE

Since the units within the Profile P500 series have 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 schedules 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 fewer maintenance calls. The units within the P500 series automatically adjust 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**  
S Y S T E M S<sup>®</sup> L L C

Specialized Wireless Technology for Your Environment  
LIGHTING HVAC REFRIGERATION

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profilesystems.com



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[profilesystems.com](http://profilesystems.com)

Call toll-free  
(800) 898-LITE for  
customer support.

## PROFILE 500 SERIES

### FEATURES

- Automatically adjusts for daylight savings time, 2007 compliant
- Dusk and dawn calculation based upon site location
- 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
- Supports a 60-minute service by pressing the service button. This allows for temporary period to test or inspect loads
- No programmer required
- LCD display
- 90-day limited warranty

### HARDWARE

- Two dry contacts N.O., DPST, each rated at 30 amps (120VAC/60Hz) ballast
- Five-wire "pigtail" – neutral, line 1, load 1, line 2, load 2
- Solid state electronics, no moving parts to wear out
- No external contactors required for typical installation
- Operating voltage: 120VAC/60Hz
- Operating temperature: -30C to 55C (-22F to 131F)
- 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)
- P501 B-1\* retrofit includes bracket for Intermatic installation which fits standard T101-T102 enclosure-model 2T204A (does not include enclosure)
- P501 B-P\* retrofit includes bracket for Paragon installation that 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.

UNIT	CIRCUITS	POLES	SCHEDULES/RUN TIME	"ON" TIME	"OFF" TIME	ADJUSTMENTS
P501	1	2 (1DPST) each	1/everyday	Dusk-15	10p, 11p, Midnight, 1a, 2a, 3a, 4a, 5a, Dawn	0-55 min. from Dawn
P502	2	1 (2SPST)	2 per circuit/everyday	Time/Dawn/Dusk	Time/Dawn/Dusk	0-55 /0-23 min.**
P503	2	1 (2SPST) each	2 per circuit/everyday	Time/Dawn/Dusk	Time/Dawn/Dusk	0-115/0-23/0-59***

\*\* If DUSK or DAWN is selected, the user can pick an adjustment of 0-55 minutes before or after in 5-minute increments.  
If TIME is selected, the user can pick HH:MM, where increments for hours (HH) are 0-23 and minutes (MM) are 0-55 on 5-minute intervals.

\*\*\* If DUSK or DAWN is selected, the user can pick an adjustment of 0-115 minutes before or after in 5-minute increments.  
If TIME is selected, the user can pick HH:MM where hours (HH) are 0-23 and minutes (MM) are 0-59 on 1-minute intervals.

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