

Lighting Controls and Accessories

Time-Tested Solutions for Utilities, Co-Ops, and Municipalities

Designed and manufactured to meet rigorous industry standards, our expanding lineup of lighting controls and accessories helps reduce maintenance issues while saving time through faster installation.



Built for the Journey Ahead



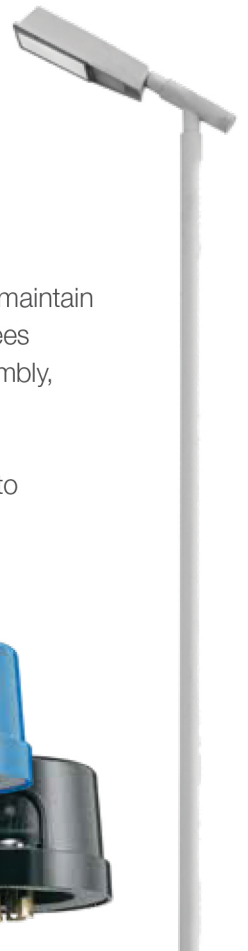
Quality Solutions, Long-Lasting Performance

As a leading manufacturer of photocontrols, contactor boxes and accessories, Intermatic understands the technology needed to meet modern lighting specifications.

Our NightFox Pro Series was designed from the ground up to match the life expectancy of LED lighting fixtures. We did this by pioneering a comprehensive testing methodology that uses the best information from NEMA 410 and UL standards to ensure LED compatibility and verify life target expectations.

Moreover, our state-of-the-art ISO 9001:2015 certified, vertically integrated manufacturing facility helps us maintain rigorous manufacturing standards while keeping all aspects of production under one roof. Our team oversees everything from the metal stamping of terminals and injection molding of plastic parts to circuit board assembly, testing and calibration.

We're committed to quality, and this allows us to confidently stand behind our work, with warranties of up to 12 years on select lighting controls.



Customizable, Budget-Friendly NightFox™ Pro Series Photocontrols

Installing LED light fixtures can help utilities and municipalities reduce maintenance issues and improve energy efficiency; however, this investment can turn sideways if the proper control is overlooked.

High-current, inrush transients can damage lighting controls that are not rated for LED, making it critical for installers to pair new LED fixtures with photocontrols that are equal to the task.

By using a high-quality relay and proven electronic components in conjunction with zero-cross switching technology, where the relay is activated the moment voltage crosses the 0 VAC level in an AC power source, our NightFox Pro Series Photocontrols are built to match the long 10- to 20-year lifespan of LED fixtures.

So, why compromise? Many municipalities, utilities and co-ops have developed specifications based on their own best practices, in-field experience and project needs. With the NightFox Pro Series, there's no need to settle for a stock solution. We offer a variety of customization options and can build our photocontrols according to your unique specifications.

NightFox Pro Customization Options

Our Standard Grade, Select Grade and Specifier Grade models provide a range of performance levels and customization options to best suit project needs.

Base Model	Warranty	Life Expectancy	Driver Rating	ON/OFF Switching Cycles
Standard Grade	6-Year Limited	10 Years	2 A LED	5,000+
Select Grade	10-Year Limited	15 Years	6 A LED	10,000+
Specifier Grade	12-Year Limited	20 Years	8 A LED	15,000+

1 Configuration – Choose between NEMA 3 or IP65 Enhanced Water Ingress Protection Enclosures

As a standard, our photocontrols meet UL requirements for a raintight enclosure, which is equivalent to a NEMA Type 3 enclosure rating.

2 Voltage Rating – Select 120-277 V or 347-480 V

Photocontrols can accommodate any supply power configuration.

3 Fail Mode – Fail ON or Fail OFF

Allow connected lights to remain ON or OFF in the event of a failure based on application needs.

4 Load Rating – Determined by Model Series

NightFox Pro Series Photocontrols are tested to full ON/OFF lifecycles under tungsten, magnetic ballast and electronic ballast/LED driver loads.

5 ON and OFF Light Activation Levels – Adjust Activation Level from 1.0 to 8.0 foot-candles

Tailor activation thresholds to fit specific application needs with any ON/OFF ratio.

6 Surge Protection – Enhance or Extreme level of protection per ANSI C136.2

Photocontrols with 510 J MOV provide 10 kV/5 kA 'Enhanced' protection level, or with optional 1020 J MOV, provide a 20 kV/10 kA 'Extreme' protection level per ANSI C136.2 standard.

7 Cover Colors – Denote Voltage or Style Preference

Choose a customizable color to denote voltage per ANSI C136.10 standard guidelines, or to meet other design preferences.

8 Packaging – Customize Based on Replace Schedule

We can deliver the quantities you need according to your replacement schedule.



Market-Leading Accessories That Are Up to the Task

Our market-leading selection of in-use weatherproof covers, enclosures and inserts ensure outlets and lighting controls stay protected from the elements while our versatile receptacles accommodate a range of photocontrol applications.

Weatherproof Covers

- **Code Compliant** - All Extra-Duty model covers comply with NEC 2014, Article 406.9(B)(1) for wet locations and extra-duty applications and CEC Article 26-702
- **Built-In Security** - Lockable hasp restricts access for security
- **Size and Color Choices** - Multiple customization options to match control styles and décor



Receptacles and Shorting Caps

- **ANSI C136 compliant 3-pin and 7-pin receptacle** - Accommodate locking-type photocontrols that include dimming capabilities,
- **Shorting Cap** - to complete circuits when photocontrols are not required



Unlock Potential with PowerTap

The new PowerTap by Intermatic allows utilities and municipalities to leverage existing light pole infrastructure to provide power to auxiliary devices without hardwiring into an existing power feed. A simple retrofit solution, PowerTap provides convenient access to power for Wi-Fi access points, communication equipment, sensors and more.

- **Simple Installation** – Secure a PowerTap to most luminaires in minutes without hardwiring into an existing power feed or disrupting photocontrol functionality
- **Cost Effective** – An economical way to bring power to existing infrastructure without changing the entire light pole
- **ANSI Compatibility** - Plugs into standard ANSI C136.41 7-pin receptacle connectors located on top of the luminaire to provide ancillary power, accommodates 7-pin control nodes (standard locking-type photocontrols and wireless control nodes)
- **Uninterrupted Functionality** – Does not disturb the functionality of existing photocontrols or control nodes attached to the pole
- **Overcurrent Protection** – Protects hardware and branch circuit with a self-resettable circuit breaker



Seamless Integration with Customizable Contactor Controls

Simplify your next project with a Pro Series Contactor Box that's designed to fit your unique requirements. Our tailored solutions are ideal for a variety of indoor and outdoor lighting applications, including switching of LED or ballast lamp loads. We are in a position to provide a solution to your Lighting Control requirements.

Available custom options:

- 30 A to 400 A Load Rating
- 1-4 Poles
- NEMA 4X Enclosure (metal, non-metal)
- Line Voltage 120 V-600 V or Multiple-in-One (120/240 V & 277/480 V)
- Photocontrol and Receptacle
- Circuit Protection
- Surge Protection
- Zero-Cross Solid State Relay (30 A & 60 A)
- Separate Control Voltage
- talento smart™ Control



Lighting Controls | Surge Protection | Weatherproof | Photocontrols | Timers | Defrost/Refrigeration Controls

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