NIGHTFOX Series

LED Compatible Electronic Photocontrols

New Options to Support the Transition to LED

ELC Series
Electronic Photocontrols

Converting traditional light fixtures to LED provides lasting energy savings and lower operating costs. However, if LED fixtures are paired with thermal photocontrols, that cost-savings is quickly lost due to premature failures and unplanned maintenance needs.

Choosing high-performance NIGHTFOX Electronic Photocontrols helps ensure the long-term success of LED conversion projects. Our new fixed mount electronic photocontrols are designed for LED and can accommodate projects of all budgets and sizes.

Key Features

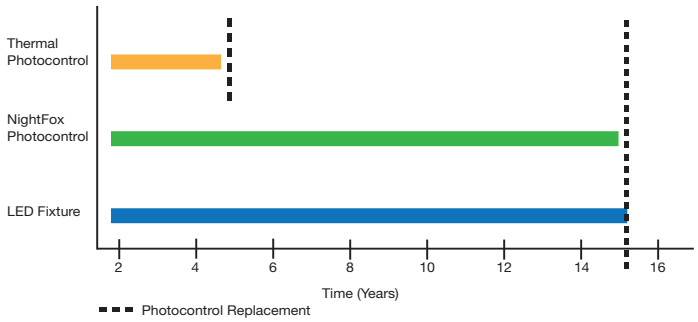
- **Expanded Options** – New ELC Photocontrols offer a budget-friendly, LED-compatible alternative to thermal photocontrols.
- **Universal Compatibility** – NIGHTFOX Photocontrols are designed, tested, and warrantied to match the long 8- to 15-year lifespan of LED fixtures. They're also backward compatible with all traditional light sources (e.g., HID, Incandescent) and compatible with multiple voltages (105-305 , 347*, 480* VAC).
- **Lower Maintenance Costs** – A long-life design allows installers to sync photocontrol and fixture maintenance schedules, resulting in fewer nuisance service calls and lower equipment costs.
- **Faster Installation** – Verify functionality of newly-installed controls in seconds by covering the sensor (unlike thermal controls which have a delayed ON/OFF trigger).
- **Long-Life Warranty** – All electronic photocontrols are backed by a 5- to 12-year warranty, dependent on model.

* Dependent on model

Plan for Long-Term Success

Under ideal conditions, a thermal photocontrol will last just 3-5 years, requiring at least one extra replacement during the life of a typical LED bulb. Replacement is often required more frequently due to premature failure caused by the high inrush currents of LED drivers.

Thermal vs. NIGHTFOX Photocontrol Replacement with 15-Year LED Fixture



Photocontrol Replacement
Cost: Two- or three-man crew, lift equipment, service call (approximately one hour)

ELC Series Fixed Mount Photocontrols

	Button	Stem Mount Side Lens	Stem/Swivel Mount Side Lens	In-Wall	Stem/Swivel Mount Top Lens
Model #	ELC4036	ELC4136	ELC4236	ELC4336	ELC4736
Operating Voltage	120-277 VAC, 50/60 Hz				
Load Ratings					
Tungsten	430 W @ 120 VAC; 1000 W @ 277 VAC				
Magnetic Ballast	1800 VA				
Electronic Ballast	2 A				
Warranty	5-Year limited				

EK Series Fixed Mount Photocontrols

	Button	Stem Mount Side Lens	Stem/Swivel Mount Side Lens	In-Wall	Stem/Swivel Mount Top Lens
Model #	EK4036S*	EK4136S*	EK4236S*	EK4336S	EK4736S
Operating Voltage	120-277 VAC, 50/60 Hz				
Load Ratings					
Tungsten	1000 W				
Magnetic Ballast	1800 VA				
Electronic Ballast	6 A				
Warranty	8-Year limited				

ELC/EK/LED Locking Type Photocontrols

	Locking Type		
Model #	ELC4536	EK4536*	LED4536SC*
Operating Voltage	120-277 VAC, 50/60 Hz		
Load Ratings			
Tungsten	1000 W		
Magnetic Ballast	1800 VA		
Electronic Ballast	2 A	6 A	8 A
Warranty	6-Year limited	8-Year limited	12-Year limited

* Also available in 347 VAC and 480 VAC models to accommodate higher voltage applications

WANT TO LEARN MORE?
Scan the QR code to find the right photocontrol for your project today!

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