

# NIGHTFOX Pro Series

Electronic Photocontrols



## Enhanced Performance, Simple Installation

Ensure lasting performance in outdoor lighting applications with new IP66-rated Electronic Photocontrols from Intermatic. These premium photocontrols can be customized to meet a range of project specifications and can be paired with IP66-rated fixtures for top-to-bottom dustproof and waterproof protection.

Intermatic's Night Fox Pro Series electronic photocontrols are designed to support the long 8- to 10-year lifespan of LED fixtures and include built-in zero-crossing technology. They're an excellent choice for HID to LED conversion projects, including roadway, municipal, and commercial lighting applications.

### Features & Benefits

- **IP66 Rating** – Dustproof and waterproof enclosure provides superior performance, provides enhanced protection when all components (e.g., fixture, receptacle, photocontrol) are IP66-rated
- **Tailored Design** – Multiple customization options make it easy for specifiers to tailor the premium photocontrol to meet project specifications and application needs
- **Lasting Reliability** – The easy-to-install control provides lasting performance and includes a 6 to 12-year warranty based on the model

### What's an IP66 rating?

An IP66 rating indicates that a control is dust-tight, preventing particles as small as dust from entering. It also indicates that the enclosure protects against sprays or pressurized jets of water from all directions and angles, which is crucial for electrical equipment that can corrode or malfunction if water comes into contact with components.



EK6536K  
IP66, North- Facing Light Sensor



IP66  
Rating



Tailored  
Design



Lasting  
Performance

# Customize the Photocontrol to Meet Project Needs

Model Number Key for Ordering														
<b>1</b>	<b>Model Series</b> Choose the base model that best meets the application.	<b>ELC</b> - Standard <b>EK</b> - Select <b>LED</b> - Specifier												
<b>2</b>	<b>Enclosure Rating &amp; Configuration</b> Select the enclosure type and sensor mount location.	<b>45</b> – Raintight (standard), North-Facing Light Sensor <b>48</b> – Raintight (standard), Omni-Directional Light Sensor <b>65</b> – IP66 (dustproof & waterproof), North-Facing Light Sensor <b>68</b> – IP66 (dustproof & waterproof), Omni-Directional Light Sensor												
<b>3</b>	<b>Voltage Ratings</b> Two voltage ranges accommodate any supply power configuration.	<b>36</b> – 120-277 V <b>37</b> – 347-480 V												
<b>4</b>	<b>Fail Mode</b> Select ON/OFF to ensure safety and security or avoid wasted burn time.	<b>Blank</b> – Fail ON <b>F</b> – Fail OFF												
<b>5</b>	<b>Load Ratings</b> Tested under tungsten, magnetic ballast, electronic ballast/LED driver loads.	<b>Blank or S</b> – 1000 W Tungsten / 1800 VA Ballast / x A Electronic depending on base model series ratings												
<b>6</b>	<b>Light Activation Levels</b> Adjust the activation level from 1.0 to 8.0 foot-candles with any ON/OFF ratios.	<table border="0"> <tr> <td><b>10</b> – 1.0 ON/ 1.0 OFF</td> <td><b>30</b> – 3.0 ON/ 3.0 OFF</td> </tr> <tr> <td><b>11</b> – 1.5 ON/ 1.0 OFF</td> <td><b>31</b> – 3.0 ON/ 1.5 OFF</td> </tr> <tr> <td><b>14</b> – 1.5 ON/ 4.5 OFF</td> <td><b>35</b> – 3.0 ON/ 5.0 OFF</td> </tr> <tr> <td><b>20</b> – 2.0 ON/ 2.0 OFF</td> <td><b>50</b> – 5.0 ON/ 5.0 OFF</td> </tr> <tr> <td><b>21</b> – 2.0 ON/ 1.0 OFF</td> <td><b>51</b> – 5.0 ON/ 2.5 OFF</td> </tr> <tr> <td><b>23</b> – 2.0 ON/ 3.0 OFF</td> <td><b>70</b> – 7.0 ON/ 7.0 OFF</td> </tr> </table>	<b>10</b> – 1.0 ON/ 1.0 OFF	<b>30</b> – 3.0 ON/ 3.0 OFF	<b>11</b> – 1.5 ON/ 1.0 OFF	<b>31</b> – 3.0 ON/ 1.5 OFF	<b>14</b> – 1.5 ON/ 4.5 OFF	<b>35</b> – 3.0 ON/ 5.0 OFF	<b>20</b> – 2.0 ON/ 2.0 OFF	<b>50</b> – 5.0 ON/ 5.0 OFF	<b>21</b> – 2.0 ON/ 1.0 OFF	<b>51</b> – 5.0 ON/ 2.5 OFF	<b>23</b> – 2.0 ON/ 3.0 OFF	<b>70</b> – 7.0 ON/ 7.0 OFF
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<b>7</b>	<b>Surge Protection</b> 510J MOV surge protection per ANSI136.2-2015 standards. For applications in need of a higher level of protection, we can incorporate 1020J MOV.	<b>Blank</b> – 510J/10 kV/5 kA <b>W</b> – 1020J/20 kV/10 kA												
<b>8</b>	<b>Cover Colors*</b> NIGHTFOX Pro Series Photocontrols feature customizable colors to denote voltages per ANSI C136.10 standard guidelines or to meet other preferences.	<b>B</b> – Blue <b>G</b> – Green <b>N</b> – Brown <b>K</b> – Black <b>A</b> – Gray <b>O</b> – Orange <b>M</b> – Maroon <b>Y</b> – Yellow												
<b>9</b>	<b>Packaging Options*</b> Order the quantities you need according to your replacement schedule.	<b>Bulk Pack</b> - <b>L</b> (24pcs/box) <b>J</b> (50pcs/box) <b>U</b> (100pcs/box)												

\*Contact your local sales representative for additional options