



# THE NEXLIGHT ADVANTAGE



## Who is NexLight:

NexLight designs and manufactures an array of high-reliability lighting control products and systems for use in the commercial and industrial building markets. With more than 25 years of experience as a leader in the lighting control solutions industry, we are committed to producing the most reliable, easy to install and use, modern, and energy efficient lighting control products.

## NexLight Provides Flexibility:

NexLight custom designs every panel for every building using our modular components. This provides the building the controls they need instead of a *cookie cutter* solution being applied to every building type.

## Easiest Installation:

NexLight provides contractors with the simplest installation throughout the industry. Our digital communication utilizes a 24 VAC 16 gauge two conductor topology free, polarity free data bus that typically terminates under screw terminals to connect all panels and low voltage digital devices. These two conductors do not have to be twisted or shielded and because we digitally embed our communication protocol on 24 VAC, there is no need to finish loops or observe polarity when connecting devices. NexLight allows star-tap, t-tap, and daisy chain methods of wiring between panels and all low voltage devices and allow 5,000 feet of cable prior to requiring amplification.

## Most stable platform:

NexLight utilizes technology taken from digitally addressable fire and security systems that have been proven "rock solid" for many years. Our platform is not a software and data networked based protocol system that is more susceptible to communication interference, voltage spikes, and reliability issues. All devices and panels are connected using the 2-Wire data bus cabling, not Cat5 with RJ45 connectors that require crimping onto the ends of very small wires which adds time and cost to troubleshoot faulty cables and increased installation cost.

## Quality Industrial Grade Components:

NexLight relays and dimmers are used world-wide and are becoming the industry standard due to the proven track record of our no-fail architecture. Our relay contacts and design allow them to continue to function properly even after load short circuit. These relays have been in production and used for over 30 years and are still working in our very first installation. All our components are modular in design with no open circuit boards which provides protection for the electrical components as well as longer performance life. Our competitors tend to use open circuit boards which have less reliability and are more susceptible for damage in both shipping and the installation process. Their relays tend to have smaller contacts and their design is based on having the relay sacrifice itself to save other components in a short circuit situation which causes increased future costs in replacement for material and labor.

## Warranty:

Our **5-Year Component Warranty** underscores the confidence we have in our product. Should a product fail, component replacement is very simple as the replacement will simply snap into our panel component retention straps with only a couple of wire connections to be made.