

nuLEDs

Simplified LED Solutions

nuCAB™

Elevator Lighting & Control System

SIMPLE, STABLE & SCALABLE

Unoccupied Intelligence

Elevator lights are generally on 24 hours a day, 365 days a year. When occupied only about 20% of the time this results in wasted energy and frequent maintenance replacing burned out lamps.



nuCAB System

MiniCan™ 2" LED Recessed Downlights

Available in quantities of 4, 6 or 9 fixtures

Passive Infrared Occupancy Sensor

Power System & Controls

Our enclosure includes:

- Emergency back-up battery
- Battery charging power supply
- DCDC converter
- Smooth dimming automated controller
- Terminals for system component connection
- Solid state relay for fan control
(fan not included)

Wiring Harness

Includes quick connects for light fixture installation, a 5 foot lead from power and control enclosure to 5 foot leads for each light fixture.

3 tiers of true CONTROL

1

Reduce Energy

Whether or not you are using fluorescent lamps or filament-based lighting, you can anticipate a lighting energy reduction over 90%.

2

Deter Maintenance

Our LED recessed MiniCan will last 50,000 hours or more leaving the need to replace lamps something to look forward to after 25+ years. We give you permission to throw your box of mix matched lamps away!

3

Lights, Fan, Bell, – All Systems Go

Our controls allow integration of your existing ventilation fan, emergency bell and emergency lighting with the nuCAB system. Reduce inspection failure and take complete control over every aspect of your cab's ambiance and safety.

Control Your Settings



Light Levels

Three levels of illumination allow for personalized settings based on passenger comfort and occupancy. Manufacturer default settings smoothly dim the lights from 95% to 40%, after the cab has been unoccupied for 30 seconds. If your cab loses power, our system will switch to the back-up battery and keeps lighting at the minimum required level per code.

	LIGHT LEVEL	EVENT
HIGH	85%, 90%, 95%* or 100%	Occupied cab
MEDIUM	30%, 40%*, 50% or 60%	Unoccupied cab
LOW	12%*	Loss of power – emergency lighting

*Manufacturer default settings

Timed Dimming

Unoccupied Dimming Delay

You can adjust the delay before lights begin to fade at 15 seconds, 30 seconds, 1 minute or 3 minutes, when cab becomes unoccupied. Manufacturer default setting is for 30 seconds.

Dimming Speed

System is permanently set for smooth-fade dimming that fades to Medium light levels in 8 seconds and rises to high light levels in 2 seconds.

Integration with Fans, Bells

Ventilation Fans

Easily connect existing ventilation fan to our system for added energy savings. Our controls will turn off the ventilation fan simultaneously with lighting when the cab is unoccupied.

Emergency Bell

Connecting your existing emergency bell to our system allows you to have one less component to maintain. Connection terminals are available for the standard 6V or 12V bell.