



# TAC Lighting Control Solutions

## Control Soaring Energy Costs in Commercial Buildings

Is your energy management strategy missing something?  
Simple lighting control improvements pave the way to big savings.

### ISSUE:

Facility managers are under increasing pressure to control operating expenses and offset the rising cost of energy. Lighting can typically account for 40% of the energy used in today's commercial buildings. Managing these costs requires a lighting control solution that provides immediate payback without sacrificing productivity or occupancy comfort. In addition, a lighting control solution must comply with the prevailing energy and electrical codes, and possibly integrate into an existing building automation system. **Is there a simple lighting control solution that can do all that?**

### SOLUTION:

**Yes.** Lighting controls are a proven means to quickly lower energy costs. Occupancy sensors easily retrofit into existing offices, classrooms and warehouses, reducing energy consumption 25-50% in most spaces. Lighting control panelboards can retrofit into existing panelboard enclosures, controlling lighting in large areas, such as open offices and common areas, as well as outdoor parking lots and garages. Energy efficient lighting controls achieve payback periods of 2-3 years on average.



*TAC has teamed up with Square D® to deliver comprehensive lighting control solutions that help commercial building owners take control of their operating expenses. Our combined team will help you identify opportunities, select the right solutions, and assist you through project completion.*

# Comprehensive Lighting Control Solutions for Commercial Buildings



15-50%  
SAVINGS  
POTENTIAL

## WALL SWITCH OCCUPANCY SENSORS

Ideally suited for retrofit applications for small spaces like offices and copier rooms. Installs as quickly as replacing a wall switch.



30-90%  
SAVINGS  
POTENTIAL

## CEILING MOUNT OCCUPANCY SENSORS

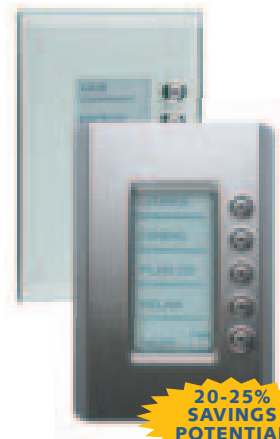
Great for new applications including restrooms and open office areas. Available with different sensing technologies to assure lights won't switch off while the room is occupied.



15-65%  
SAVINGS  
POTENTIAL

## POWERLINK® LIGHTING CONTROL PANELBOARDS

The first choice for controlling lights in warehouses, open public spaces and parking lots. Powerlink lighting control panelboards easily integrate into TAC building automation systems, supporting open system integration using BACnet and Modbus communications. Powerlink lighting control panelboards integrate easily into new construction projects, and retrofit cleanly into existing buildings.



20-25%  
SAVINGS  
POTENTIAL

## CLIPSAL® CONTROL SYSTEM

Distinctive keypads and color touch screens provide users with the ability to switch and dim lights. Also, they can be used with other Clipsal components to automatically reduce lighting levels when natural daylight is available.

LITERATURE AND ADDITIONAL INFORMATION CAN BE FOUND AT:

[WWW.SQUAREDLIGHTINGCONTROL.COM](http://WWW.SQUAREDLIGHTINGCONTROL.COM)



**SQUARE D**

by **Schneider** Electric

*Lighting controls add value to commercial buildings. Energy efficient buildings are worth more than inefficient buildings, making lighting controls a great investment. In your continued efforts to help your customers manage and control their energy consumption, know that TAC and Square D are committed to helping you broaden your offer to include lighting controls. TAC and Square D personnel are available to assist you in identifying opportunities and developing proposals. Please contact your TAC Regional Sales Manager (RSM) to get started.*

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by **Schneider** Electric