

Classroom Occupancy Based Zone Lighting

"Helping students learn is our goal. Controlling the light in the room gives teachers an extra tool to help students focus on important learning activities."

Project Requirements:

- Row Luminaires with dimming
- Occupancy and light sensors to turn off or dim lights to save energy
- Manual-on is required to turn the lights on
- Optional BACnet Gateway for Building Management System integration

Wired - non ILLUMRA Solution:

- 40 hours - 2 electricians to pull wire
- Disruption of classroom during school hours - including repair work from pulling conduit/wires
- Fine tuning sensor location requires moving wires and fasteners

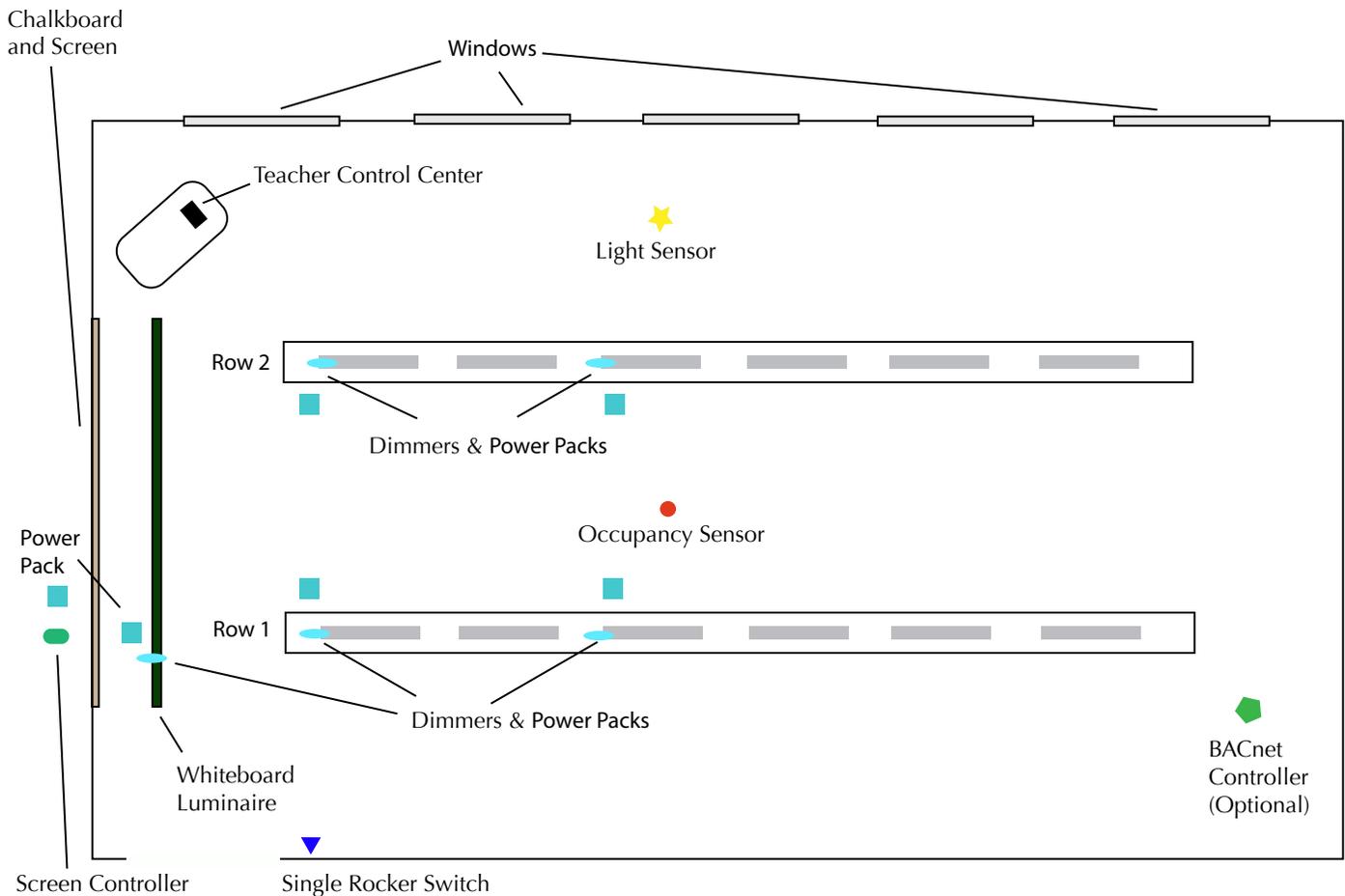
A Better Solution

The ILLUMRA Wireless Way

- 6 hours to complete job - 2 electricians
- No disruption of school (Work performed after school)
- No need to pull wires or repair walls
- 30% energy savings
- No batteries - no maintenance - solar powered
- Sensors easily relocated - no wiring changes



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System Components



Light Sensor (optional)
E3T-SLICP
(Qty 1)



Single Rocker
E3T-S1AWH
(Qty 1)



Occupancy Sensor
E3T-M15-RB24
(Qty 1)



Dimmer Control
E3X-D01FP
(flourescent) or E3X-D02FP (LED)
(Qty 4)



BACnet Controller
E3X-BACFP
(Qty 1)



Teacher Control Center
E3T-S1AWH x2
(Qty 1)



Screen Controller and Power Pack, optional
E3R-MBCFP-02
(Qty 1)



Power Pack
NWO-RHV-0D0
(Qty 6)

Features:

- Occupancy and light Sensors
- Zone Control
- Teacher center station provides easy access to controls
- Optional integration to Building Management System using BACnet

Benefits:

- Optimize teaching environment, focusing students attention where it is most effective
- Energy Savings
- Low impact installation
- Reduce installation costs
- Easy Reconfiguration