

Green Energy Building Controls For Education

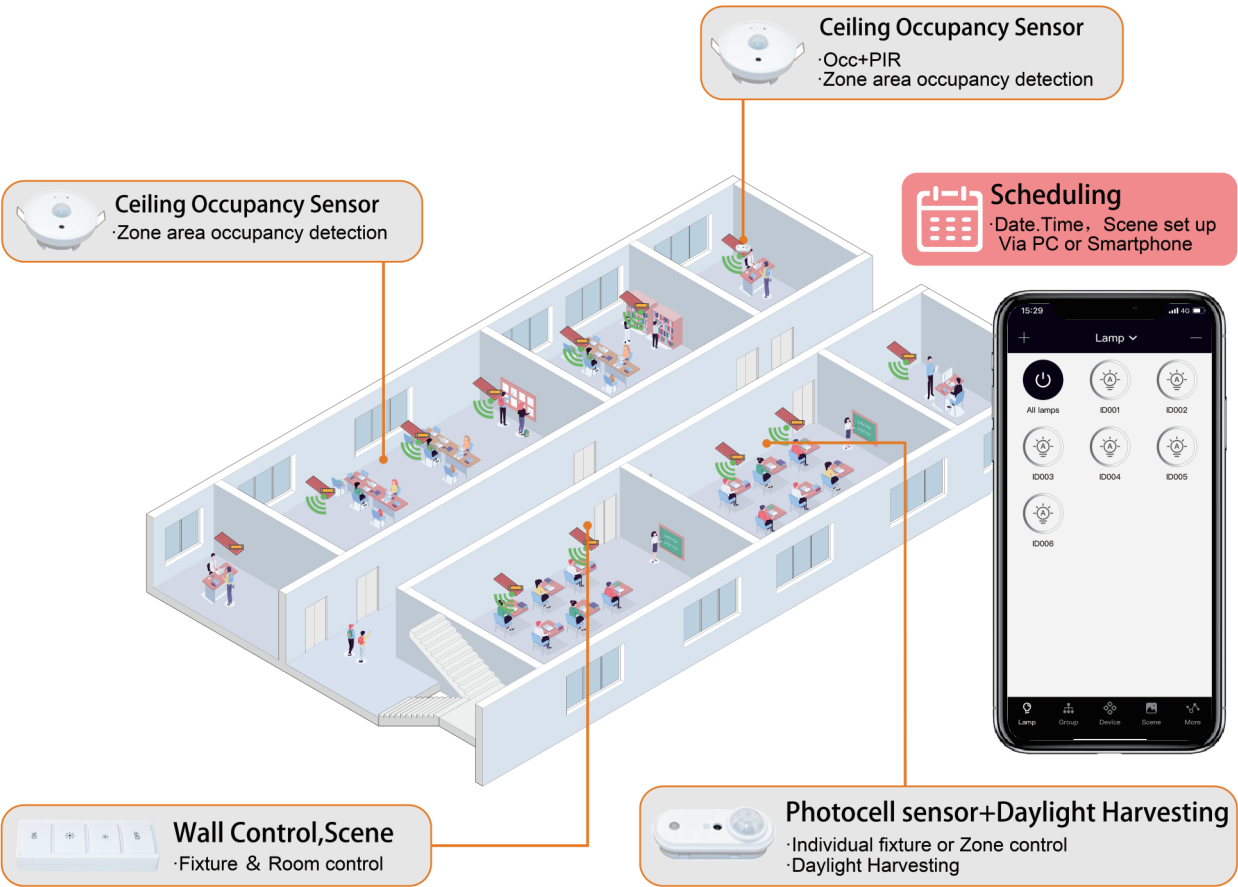
High Efficiency & Flexible with better Performance for school

We understand the pressures that schools face when it comes to delegating their funding. So part of the service we offer for energy reduction is the integration of smart lighting controls. Upgrading the lighting at a school can be more affordable than you think by taking advantage of utility rebates available ,specifically for K-12 schools as well as colleges and universities. There are many important reasons to consider upgrading to LED lighting with advanced controls in your schools.

GEBC smart wireless lighting controls is your best choice

Through GEBC, you can set various scenarios on the mobile app, such as presentations, static activities and study periods to meet your flexible needs, and control the lighting period through Schedule. Intuitive and simple, flexible,remote control functionality will help you easy to control your school lighting across multiple buildings. High efficient ,energy saving,environmental protection,easy operation are the features of GEBC.

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Networking of Luminaires
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Occupancy sensor
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Daylight harvesting
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Zoning performance
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Individual addressability
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Continuous dimming
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Set your schedule
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Luminaires linkage
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Energy monitoring
- 
Scene control
- 
Upgrade OTA
- 
Automatic calibration



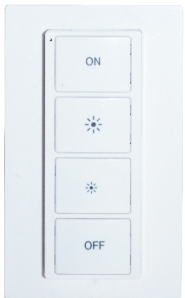
TYPICAL CONTROL PROFILES

| Zone | Scenario | Description |
|---------------------|--|---|
| Classroom and lab | Scene control + daylight harvesting, override switch | Lighting on at 20% of set lux level during daytime, increase to 80-100% with dusk; Change scene to "Lecture" from "study". Override by Teacher for quick presentation |
| Daylight harvesting | Daylight harvesting sensor | Lighting on at 20% of set lux level during daytime, increase to 80-100% with dusk. |
| Teacher prep room | Occupancy sensing | Lighting ON 100% with staff present, 15 mins delay to DIM with no activity, 30mins delay to full OFF. |
| Hallway | Scheduling | 100% On during school hours; 75% for after school hours; 20% dim with scheduled non-working time. |

Fixture Sensor



Wall Switch



Ceiling Sensor



GEBC

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