**Room Controller System Overview**

Using this paper versus standard paper produces the following environmental benefits.

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<tr>
<td>Number of Trees Saved</td>
<td>12</td>
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<tr>
<td>Total Energy Saved – Million BTUs</td>
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<tr>
<td>Gallons of Water Saved</td>
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**Based on Environmental Defense Fund Paper Calculator**

**Version 1.0**

Reduce installation time, ensure code compliance and simplify design for your next project with the most flexible pre-programmed room solution in the industry.
Room Controller Products

**Sample Room Layout**

- Eliminate wiring errors and reduce installation time with Click & Go technology.
- Benefit from advanced features like BMS integration, Egress and Demand Response while meeting energy codes.
- Single package QucikFit makes the Room Controller simple to specify, install and use.

**Occupancy and Daylight Sensors**

- Connect any Greengate low voltage occupancy and new daylight sensors to the Room Controller.
- Maximize energy savings with pre-programmed daylighting and occupancy control.
- Daylighting immediately works on power-up with Click & Go.

**Receptacle Control**

- Guarantee code compliance with ASHRAE 90.1-2010 required receptacle control.
- Ensure non-essential receptacle loads are turned off when the space is vacant.
- Reduce installation time with this no programming required device.

**Room Controller Compatibility**

- GPCS for patient rooms
- Solvable Controls for Classrooms
- Guaranteed compatibility with Cooper Lighting LED and 0-10V Fluorescent Fixtures

**Room Controller**

- Guarantee design integrity 100% of the time with pre-packaged systems.
- Ensure compliance to the strictest energy codes without any interfaces or auxiliary devices.
- Minimize installation and set-up time with smart devices that perform immediately without programming.

**Integrated Capabilities**

- Wallstations and Sliders

- Intuitive and flexible wallstations reduce end user tracking time.
- Click & Go removes wiring errors and speeds installation.
- Manual On/Off/Dimming wallstations makes controlling your space easy.

**Room Controller Compatibility**

- Room Controller Compatibility

- Daylighting immediately works on power-up with Click & Go.
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**Room Controller Compatibility**

- Eliminate wiring errors and reduce installation time with Click & Go technology.
- Benefit from advanced features like LUT, BMS integrations, Egress and Demand Response while meeting energy codes.
- Single-package QuickFit makes the Room Controller simple to specify, install and use.

**Room Controller Products**

- **Occupancy and Daylight Sensors**
  - Connect any Greengate low voltage occupancy and new daylight sensor to the Room Controller.
  - Maximize energy savings with pre-programmed daylighting and occupancy sensing.
  - Daylighting immediately works on power-up with Click & Go technology.

- **Receptacle Control**
  - Guarantee code compliance with ASHRAE 90.1-2010 required receptacle control.
  - Ensure non-essential receptacle loads are turned OFF when the space is vacant.
  - Reduce installation time with this no programming required device.

**Cross Reference Guide**

- **Room Controllers**
  - Room Controllers and receptacle control
  - Lutron Energi Savr

- **Wallstations and Sliders**
  - Intuitive and flexible wallstations reduce end user training time.
  - Click & Go removes wiring errors and speeds installation.
  - Manual On/Off/Dimming wallstations makes controlling your space easy.

- **Room Controller Compatibility**
  - Guaranteed compatibility with Cooper Lighting EZ and 0-10V fluorescent fixtures.
Integrated Capabilities

- Minimize installation and set-up time with smart devices that perform immediately without programming
- Guarantee design integrity 100% of the time with pre-packaged systems
- Ensure compliance to the strictest energy codes without any interfaces or auxiliary devices

Room Controller Products

- Eliminate wiring errors and reduce installation time with Click & Go technology
- Benefit from advanced features like HVAC, BMS integrations, Senses and Demands Response while meeting energy codes
- Single-package QuickFit makes the Room Controller simple to specify, install and use

Room Controller Compatibility

- Connect any any GreenGages low voltage occupancy and daylight sensors to the Room Controller
- Maximize energy savings with pre-programmed daylighting and occupancy control
- Daylighting immediately switches on power-up with Click & Go

Occupancy and Daylight Sensors

- Connect any GreenGages low voltage occupancy and new daylight sensor to the Room Controller
- Maximize energy savings with pre-programmed daylighting and occupancy control
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Receptacle Control

- Guarantee code compliance with ASHRAE 90.1-2010 required receptacle control
- Ensure non-essential receptacle loads are turned off when the space is vacant
- Reduce installation time with this no programming required device

Room Controller Compatibility

- Guarantee compatibility with Cooper Lighting LED and 0-10V fluorescent fixtures

Cross Reference Guide

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>WattStopper</th>
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<th>Savr Note</th>
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| Installation and Programming | Packages | Good, Better, Best Lighting | Pre-Programmed Applications | Connection (RC3DEHC) | Integral Healthcare Pillow Speaker | Integral Adjustable Skylight Control tracks occupancy | Integral BMS Output for Status demand response | Integral Demand Response daylighting control out-of-the-box required four levels of Demand Response required for new egress code satisfaction | Daylighting control out-of-the-box (Required by ASHRAE 90.1-2010) Receptacle Control Pre-Programmed Relay Control | Satisfy code compliance upon system power up with no additional programming. | Guarantee maximum energy saving speaker connection. | UL listed and provides an integral pillow speaker connection. | The only Patient Room Controller that is networkable and software programmable | Reduce interfaces and components to control system and luminaries that are guaranteed to work together from a single manufacturer. Simplify room design by selecting a control application upon system power-up with no pre-programing required installation shows 128 potential savings. | Reduce installation time, ensure code compliance and simplify design for your next project with the most flexible pre-programmed room solution in the industry.


Kilo-watt (kwh) Hours Saved 1702
Solid Waste Reduction— lbs of Waste 683
Gallons of Water Saved 4129
Greenhouse Gas Reduction—lbs of CO2 4391
Total Energy Saved—Million BTU’s 7.9
Number of Trees Saved 12

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Based on Environmental Defense Fund Fuel Paper Calculator

Room Controller System Overview

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**Feature**

- **System Cost**
  - Installation and Programming
- **Packages**
  - Good, Better, Best Lighting
  - Pre-Programmed Applications
  - Connection (RC3DEHC)
- **Integral Healthcare Pillow Speaker**
  - (does not require programming)
- **Integral Adjustable Skylight Control**
  - (does not require programming)
- **Integral BMS Output for Status**
  - (does not require programming)
- **Integral Demand Response**
  - (does not require programming)
- **Daylighting control out-of-the-box**
  - (Required by ASHRAE 90.1-2010)
- **Receptacle Control**
- **Pre-Programmed Relay Control**
  - Satisfy code compliance upon system power-up with no additional programming.
- **Quick Connection Cable**
  - Eliminate wiring errors with quick connection RJ45 cable.

**Networkable and Software Programmable Features:**

Systems that require centralized control to operate or require programming to achieve your applications need these:

- **Export/Import**
  - Data can be exchanged between systems.
- **Distributed Power**
  - Redundant supplies reduce the risk of a system failure.
- **Multi-Zone Lighting**
  - Each zone can have its own settings.
- **Outdoor Sensing**
  - Floor, wall, or ceiling mounted.
- **Sunlight Sensing**
  - Solatubes and other adjustable skylights.
- **System Hardening**
  - Reduces interfaces and components to control system and luminaries that are guaranteed to work together from a single manufacturer.
- **Vision Switch**
  - Pre-programmed for maximum energy savings applications and do not require networking or programming.
- **Vision Touch**
  - Pre-programmed relay control.
- **VisionStep**
  - Multi-zone daylight dimming working out-of-the-box.

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Cooper Controls - Room Controller
WattStopper - DLMAcuity - nLight
Lutron - Energi Savr Node
Finelite Hubbell - A+ Class
Encelium
Leviton - miniZ

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Version 1.0

Printed in USA

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Kilo-watt (kwh) Hours Saved
Solid Waste Reduction— lbs of Waste
Gallons of Water Saved
Greenhouse Gas Reduction—lbs of CO2
Total Energy Saved—Million BTU's
Number of Trees Saved

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Version 1.0

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