nLight Lighting Controls Platform

It's not just smarter. It's easier.

nLight is a sensor-based digital lighting controls solution that offers wired and wireless lighting controls that easily connect luminaires, sensors, and other control devices to create a digital network. The nLight platform of products enables ease in specification, installation, and ownership, making it the go-to digital lighting controls platform for specifiers, contractors, and building owners.
<table>
<thead>
<tr>
<th></th>
<th>TABLE OF CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>Code Requirements for Common Building Spaces</td>
</tr>
<tr>
<td>05</td>
<td>How to Use This Guide</td>
</tr>
<tr>
<td>06</td>
<td>Enclosed Office Solutions</td>
</tr>
<tr>
<td>08</td>
<td>Open Plan Office Solutions</td>
</tr>
<tr>
<td>10</td>
<td>Conference Room Solutions</td>
</tr>
<tr>
<td>12</td>
<td>Classroom Solutions</td>
</tr>
<tr>
<td>14</td>
<td>Lobby Solutions</td>
</tr>
<tr>
<td>16</td>
<td>Corridor Solutions</td>
</tr>
<tr>
<td>18</td>
<td>Restroom Solutions</td>
</tr>
<tr>
<td>21</td>
<td>Stairwell Solutions</td>
</tr>
<tr>
<td>22</td>
<td>Warehouse Storage Solutions</td>
</tr>
<tr>
<td>23</td>
<td>Gymnasium Solutions</td>
</tr>
<tr>
<td>24</td>
<td>Parking Garage</td>
</tr>
<tr>
<td>25</td>
<td>Site Lighting</td>
</tr>
<tr>
<td>26</td>
<td>nLight Hybrid Networked Lighting Control</td>
</tr>
<tr>
<td>27</td>
<td>Requirements Overview</td>
</tr>
<tr>
<td>28</td>
<td>Emergency Lighting</td>
</tr>
<tr>
<td>29</td>
<td>nLight Enabled Luminaires</td>
</tr>
</tbody>
</table>


/ABOUT

About IECC 2018
The International Energy Conservation Code (IECC) 2018 is a residential and commercial building energy code. The IECC has been adopted by many states and municipalities. The intention of this code is to reduce energy consumption by outlining design and construction requirements which include specific constraints for lighting controls. The use of lighting controls to synchronize light levels with daylight, occupancy, and scheduled/manual inputs are required in order to be compliant.

About This Guide
Acuity Brands® offers the nLight® IECC Applications Guide as a reference of typical nLight layouts that help make code compliance quicker and easier. The Acuity Brands Design Services Team is also available to support engineers and contractors with detailed design, submittal, and installation. For additional information, please contact your Acuity Brands Sales Representative.

About nLight
nLight® is a sensor-based digital lighting controls solution that offers wired and wireless lighting controls that easily connect luminaires, sensors, and other control devices to create one digital lighting controls platform to aid in code compliance, reduce energy, and enable advanced networked capabilities. Ideal for practically any application, small to large, indoor to outdoor, nLight offers lighting controls that scale from one room to an entire floor, from one floor to an entire building, from one building to an entire campus.
The chart below is an overview of the Code Requirements for Common Building Spaces. Please use this information as a guide. For specific code requirements please refer to the IECC code.

<table>
<thead>
<tr>
<th>Control Requirement*</th>
<th>Code Provision</th>
<th>Code Summary**</th>
<th>Space Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual-On or AutoOn ≤ 50%</td>
<td>C405.2.1.1.1</td>
<td>Automatically controlled spaces must be controlled to automatically turn the lighting on to not more than 50% power.</td>
<td>Enclosed Office, Open Plan Office, Conference, Meeting, Multipurpose Room, Classroom, Lecture Hall, Training Room, Lobby, Corridor, Public Restroom, Private Restroom, Non-Exit Stairwell, Gymnasium</td>
</tr>
<tr>
<td>Full Automatic-On</td>
<td>C405.2.1.1.2</td>
<td>Automatically controlled spaces are allowed to turn on to full.</td>
<td>✔</td>
</tr>
<tr>
<td>Auto-Off ≤ 50%</td>
<td>C405.2.1.2</td>
<td>Occupancy sensors shall automatically reduce lighting in warehouse storage aisle-ways and open areas by ≤ 50%</td>
<td>✔</td>
</tr>
<tr>
<td>Full Auto-Off via Occupancy Sensor</td>
<td>C405.2.1.1.1 &amp; C405.2.1.3</td>
<td>Fixtures must automatically turn off within 20 minutes of all occupants leaving the space.</td>
<td>✔ (or) (or) (or) (or)</td>
</tr>
<tr>
<td>Time-Switch Controls (via System Controller)</td>
<td>C405.2.2.1</td>
<td>Each area of the building not provided with occupant sensor controls shall be provided with time switch controls. These areas must also be provided with a manual override switch.</td>
<td>✔</td>
</tr>
<tr>
<td>Light Reduction Controls</td>
<td>C405.2.2.2</td>
<td>Spaces shall have a manual control that allows the occupant to reduce the connected lighting load uniformly by not less than 50%.</td>
<td>✔ (or) (or)</td>
</tr>
<tr>
<td>Manual Control (Local Switch)</td>
<td>C405.2.5</td>
<td>Areas shall incorporate a manual control to allow occupants to turn fixtures off.</td>
<td>✔ (or) (or) (or)</td>
</tr>
<tr>
<td>Daylight-Responsive Controls</td>
<td>C405.2.3.1 &amp; C405.2.3.2</td>
<td>Daylight-responsive controls shall be provided within each space with sidelight and toplight daylight zones totaling &gt; 150W.</td>
<td>✔</td>
</tr>
<tr>
<td>Exterior Lighting Controls</td>
<td>C405.2.6</td>
<td>C405.2.6.1 Daylight shutoff C405.2.6.2 Decorative lighting shutoff C405.2.6.3 Lighting setback C405.2.6.4 Exterior time-switch control function</td>
<td>✔</td>
</tr>
</tbody>
</table>

Notes:
* This summary is for general information purposes only and is provided without any warranty as to accuracy, completeness, or otherwise. The user should read the applicable code sections for more complete and detailed descriptions of code requirements and exceptions and should consult with a professional engineer or other competent advisor before making any decision or taking any action based on this summary.
** While energy code is required, safety may preclude the use of a manual controls in these spaces.
For each space type there will be a wired solution on the left and a wireless solution on the right.

### ENCLOSED OFFICE: < 250 sq. ft., Windows, nLight Enabled Fixtures

#### Wired
- Light Fixtures: nWSX PDT LV DX

#### Wireless
- WallPod®: rPODB DX G2

#### Bill of Materials

<table>
<thead>
<tr>
<th>Symbol Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EP3-45-48-48-40</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td>2</td>
<td>nWSX PDT LV DX</td>
<td>Light Fixtures</td>
</tr>
<tr>
<td>1</td>
<td>rPODB DX G2</td>
<td>WallPod®</td>
</tr>
</tbody>
</table>

#### Operational Details
- **Light Fixtures**
  - All fixtures are dimmable to any percentage via programming.
  - Fixtures turn off automatically when room becomes vacant.
  - Fixtures are dimmable when rooms become vacant.
- ** Occupancy Control**
  - For offices, use of motion sensors is optional when fixtures are dimmable.
  - Fixtures can be task tuned to come on automatically when room becomes occupied.

- **Daylight Control**
  - For offices, use of daylight sensors is optional when fixtures are dimmable.
  - Fixtures can be configured to come on automatically when daylight levels exceed certain thresholds.

- **Manual Control**
  - Use of manual control is required for offices if no motion sensors are installed.

#### Additional Options
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE® controller.
- Motion or daylight control can be added to any fixtures, lights, fans, and occupant or daylight sensors. Optional.
- **ECLYPSE® controller** to enable network control or time schedules.

---

**Note:** Contact your local lighting agent for more information on nLight enabled fixtures.

For more information, please see the fixture specification sheet for nLight enabled fixtures.

---

**How to Use This Guide**

- Room description
- Room layout with devices & locations
- Room layout diagram with control, fixture, and wiring type detail
- Required list of devices in order to implement room layout design above
- Operational details describe the functionality provided by the equipment specified in the solution
- Additional options that add control capacity beyond code requirements

---

**IECC 2018: nLight Applications Guide**
ENCLOSED OFFICE: < 250 sq. ft., Windows, nLight Enabled Fixtures

**Wired**

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nWSX PDT LV DX</td>
<td>Wall Switch Occupancy Sensor with On/Off, Raise/Lower</td>
</tr>
</tbody>
</table>

**Operational Details:**

**Light Fixtures:**
- All fixtures are dimmable
- All fixtures can be controlled together or independently
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically up to 50%)
- Fixtures turn off automatically when room becomes vacant

**Daylight Control:**
- Not required for offices without windows or that have loads <150W in sidelit zones

**Manual Control:**
- On/off & raise/lower control of fixtures

**ADDITIONAL OPTIONS:**
- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C405.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE® controller
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

**Wireless**

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight AIR Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod®</td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures turn off automatically when room becomes vacant

**Daylight Control:**
- Not required for offices without windows or that have loads <150W in sidelit zones

**Manual Control:**
- On/off & raise/lower control of fixtures

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
ENCLOSED OFFICE: < 250 sq. ft., Windows, 0-10V Dimming Fixtures

**Wired**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- For emergency lighting control use a power pack with ER option

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>nPP16 D EFP</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nWSX PDT LV DX</td>
<td>Wall Switch Occupancy Sensor with On/Off, Raise/Lower</td>
</tr>
</tbody>
</table>

**Operational Details:**

- Light Fixtures:
  - All fixtures are dimmable
  - All fixtures are controlled together
  - Maximum level can be task tuned to any percentage via programming

- Occupancy Control:
  - Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
  - Fixtures turn off automatically when room becomes vacant

- Daylight Control:
  - Not required for offices without windows or that have loads <150W in sidelit zone

- Manual Control:
  - On/off & raise/lower control of fixtures

**Wireless**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- For emergency lighting control use a power pack with ER option

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>rPP20 DS 24V G2</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rCMS PDT 9 G2</td>
<td>Occupancy and Daylight Sensor</td>
</tr>
</tbody>
</table>

**Additional Options:**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- For emergency lighting control use a power pack with ER option
OPEN PLAN OFFICE: > 300 sq. ft., nLight Enabled Fixtures

**Wired**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures turn off automatically when room becomes vacant
- General lighting must be controlled in zones not greater than 600 sq. ft.

**Daylight Control:**
- Smooth continuous dimming
- Custom grouping of fixtures into separate daylight zones (max. number zones = number of fixtures)
- Not required for offices without windows or that have loads <150W in sidelit zones

**Manual Control:**
- On/off & raise/lower control of fixtures

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture with EMG option</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>nPODM DX</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>nCM PDT 9 RJB</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM ADCX RJB</td>
<td>Daylight Sensor</td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS:**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)
- Occupant sensor controls in open plan office spaces less than 300 sq. ft. in area shall comply with Section C405.2.1.1

**Wired**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)
- Occupant sensor controls in open plan office spaces less than 300 sq. ft. in area shall comply with Section C405.2.1.1

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture with EMG option</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>nPODM DX</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>nCM PDT 9 RJB</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM ADCX RJB</td>
<td>Daylight Sensor</td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS:**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)
- Occupant sensor controls in open plan office spaces less than 300 sq. ft. in area shall comply with Section C405.2.1.1

**Operational Details:**

**Light Fixtures:**
- All fixtures are dimmable
- All fixtures are controlled together or independently
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures turn off automatically when room becomes vacant
- General lighting must be controlled in zones not greater than 600 sq. ft.

**Daylight Control:**
- Smooth continuous dimming
- Custom grouping of fixtures into separate daylight zones (max. number zones = number of fixtures)
- Not required for offices without windows or that have loads <150W in sidelit zones

**Manual Control:**
- On/off & raise/lower control of fixtures

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.

www.acuitybrands.com/nLight • 800-535-2465
**Wired**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Occupant sensor controls in open plan office spaces less than 300 sq. ft. in area shall comply with Section C405.2.1.1

**Light Fixtures:**
- All fixtures are dimmable
- Each row controlled independently
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures turn off automatically when room becomes vacant
- General lighting must be controlled in zones not greater than 600 sq. ft.

**Daylight Control:**
- Smooth continuous dimming
- Daylight zones defined by rows
- Not required for offices without windows or that have loads <150W in sidelit zones

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4</td>
<td>nPP16 D EFP</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nPP16 D ER EFP</td>
<td>Emergency Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>nPODM DX</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>nCM PDT 9 RJB</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM ADCX RJB</td>
<td>Daylight Sensor</td>
</tr>
</tbody>
</table>

**Wireless**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Occupant sensor controls in open plan office spaces less than 300 sq. ft. in area shall comply with Section C405.2.1.1

**Light Fixtures:**
- All fixtures are dimmable
- Each row controlled independently
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures turn off automatically when room becomes vacant
- General lighting must be controlled in zones not greater than 600 sq. ft.

**Daylight Control:**
- Smooth continuous dimming
- Daylight zones defined by rows
- Not required for offices without windows or that have loads <150W in sidelit zones

**Manual Control:**
- On/off & raise/lower control of fixtures

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4</td>
<td>rPP20 DS 24V G2</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rPP20 DS ER G2</td>
<td>Emergency Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rCMS PDT 9 G2</td>
<td>Occupancy and Daylight Sensor</td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS:**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Occupant sensor controls in open plan office spaces less than 300 sq. ft. in area shall comply with Section C405.2.1.1
CONFERENCE ROOM with nLight Enabled Fixtures

**Wired**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

**Operational Details:**

**Light Fixtures:**
- All fixtures are dimmable
- Maximum level can be task tuned to any percentage via programming
- A/V zone can be programmed to control two fixtures in front of the whiteboard

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures turn off automatically when room becomes vacant

**Daylight Control:**
- Smooth continuous dimming
- Custom grouping of fixtures into separate daylight zones (max number zones = number of fixtures)
- Not required for areas without windows or that have loads <150w in sidelit zones

**Manual Control:**
- On/off & raise/lower control of two zones of fixtures

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>See Note</td>
<td>nLight Wired Enabled Linear Fixture</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>See Note</td>
<td>nLight Wired Enabled Downlight Fixture</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nPODM 2P DX</td>
<td>2-Pole On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM PDT 9 RJB</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM ADCX RJB</td>
<td>Daylight Sensor</td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS:**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
CONFFERENCE ROOM with 0-10V Dimming Fixtures

OPERATIONAL DETAILS:

**Light Fixtures:**
- All fixtures are dimmable
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures turn off automatically when room becomes vacant

**Daylight Control:**
- Smooth continuous dimming
- Daylight zones defined by rows
- Not required for areas without windows or that have loads <150W in sidelit zones

**Manual Control:**
- On/off & raise lower control of two zones of fixtures

ADDITIONAL OPTIONS:
- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option

---

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>nPP16 D EFP</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nPOD2 P DX</td>
<td>2-Pole On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM PDT 9 RJB</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM ADCX RJB</td>
<td>Daylight Sensor</td>
</tr>
</tbody>
</table>

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>rPP20 DS 24V G2</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rPOD2 P DX G2</td>
<td>2-Pole On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rCMS PDT 9 G2</td>
<td>Occupancy and Daylight Sensor</td>
</tr>
</tbody>
</table>
**CLASSROOM with nLight Enabled Fixtures**

### Wired

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

### Light Fixtures:
- All fixtures are dimmable
- All fixtures are controlled together or independently
- Maximum level can be task tuned to any percentage via programming

### Occupancy Control:
- Fixtures must be turned on manually (or optionally can be configured to some on automatically to 50%)
- Fixtures automatically turn off when room becomes vacant

### Daylight Control:
- Smooth continuous dimming
- Custom grouping of fixtures into separate daylight zones (max number zones = number of fixtures)
- Not required for areas without windows or that have loads <150W in sidelit zones

### Manual Control:
- On/off & raise/lower control of entire room
- Teacher station with 4 preset scenes

### Operational Details:

#### Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9</td>
<td>nLight Wired Enabled Fixture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nPODM DX</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nWV PDT 16</td>
<td>Dual Technology Wide View Occupancy Sensor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nPODM 4S DX</td>
<td>Teacher Station — 4 Scene Control with Master On/Off &amp; Raise/Lower</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nCM ADCX RJB</td>
<td>Daylight Sensor</td>
</tr>
</tbody>
</table>

**Note:** Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.

### Wireless

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

#### Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9</td>
<td>nLight AIR Enabled Fixture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rPODB 4S DX G2</td>
<td>Teacher Station — 4 Scene Control with Master On/Off &amp; Raise/Lower</td>
</tr>
</tbody>
</table>

**Note:** Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
CLASSROOM with 0-10V Dimming Fixtures

OPERATIONAL DETAILS:

**Light Fixtures:**
- All fixtures are dimmable
- Each row can be controlled independently
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures must be turned on manually (or optionally can be configured to come on automatically to 50%)
- Fixtures automatically turn off when room becomes vacant

**Daylight Control:**
- Smooth continuous dimming
- Daylight zones defined by rows
- Not required for areas without windows or that have loads <150W in sidelit zones

**Manual Control:**
- Master on/off & raise/lower control of entire room
- Teacher station with 4 preset scenes

ADDITIONAL OPTIONS:
- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option

---

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td>3</td>
<td>nPP16 D EFP</td>
<td>Relay Module with 0-10V Dimming Output</td>
</tr>
<tr>
<td><img src="image2.png" alt="Image" /></td>
<td>1</td>
<td>nPODM DX</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td><img src="image3.png" alt="Image" /></td>
<td>1</td>
<td>nW PDT 16</td>
<td>Dual Technology Wide View Occupancy Sensor</td>
</tr>
<tr>
<td><img src="image4.png" alt="Image" /></td>
<td>1</td>
<td>nPODM 4S DX</td>
<td>Teacher Station — 4 Scene Control with Master On/Off &amp; Raise/Lower</td>
</tr>
<tr>
<td><img src="image5.png" alt="Image" /></td>
<td>1</td>
<td>nCM ADCX RJB</td>
<td>Daylight Sensor</td>
</tr>
</tbody>
</table>

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image6.png" alt="Image" /></td>
<td>3</td>
<td>rPP20 DS 24V G2</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td><img src="image7.png" alt="Image" /></td>
<td>1</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
<tr>
<td><img src="image8.png" alt="Image" /></td>
<td>2</td>
<td>rCMS PDT 10 G2</td>
<td>Occupancy and Daylight Sensor</td>
</tr>
<tr>
<td><img src="image9.png" alt="Image" /></td>
<td>1</td>
<td>rPODB 4S DX G2</td>
<td>Teacher Station — 4 Scene Control with Master On/Off &amp; Raise/Lower</td>
</tr>
</tbody>
</table>
LOBBY with nLight Enabled Fixtures

**Wired**

![Wired Diagram](image1)

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="symbol" /></td>
<td>4</td>
<td>See Notes</td>
<td>nLight Wired Enabled Downlight</td>
</tr>
<tr>
<td><img src="image1" alt="symbol" /></td>
<td>1</td>
<td>See Notes</td>
<td>nLight Wired Enabled troffer (recessed)</td>
</tr>
<tr>
<td><img src="image1" alt="symbol" /></td>
<td>1</td>
<td>nPODM DX</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
</tbody>
</table>

**OPERATIONAL DETAILS:**

**Light Fixtures:**
- All fixtures are dimmable
- Maximum level can be task tuned to any percentage via programming

**Occupyance Control:**
- Fixtures automatically go to full bright when occupied
- Fixtures automatically turn off when room becomes vacant

**Daylight Control:**
- Smooth continuous dimming
- Custom grouping of fixtures into separate daylight zones (max number zones = number of fixtures)
- Not required for areas without windows or that have loads ≤150W in sidelit zones

**Manual Control:**
- On/off & raise/lower control of fixtures

**ADDITIONAL OPTIONS:**
- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C405.2.4, C405.2.5)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

**Wireless**

![Wireless Diagram](image2)

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2" alt="symbol" /></td>
<td>4</td>
<td>See Notes</td>
<td>nLight AIR Enabled Downlight</td>
</tr>
<tr>
<td><img src="image2" alt="symbol" /></td>
<td>1</td>
<td>See Notes</td>
<td>nLight AIR Enabled troffer (recessed)</td>
</tr>
<tr>
<td><img src="image2" alt="symbol" /></td>
<td>1</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS:**
- Contact your local lighting agent for more information on nLight enabled fixtures.

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
**OPERATIONAL DETAILS:**

**Light Fixtures:**
- All fixtures are dimmable
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures automatically go to full bright when occupied
- Fixtures automatically turn off when room becomes vacant

**Daylight Control:**
- Smooth continuous dimming
- Daylight zones defined by relay module wiring
- Not required for areas without windows or that have loads <150W in sidelit zones

**Manual Control:**
- On/off & raise/lower control of fixtures

**ADDITIONAL OPTIONS:**
- Room can be connected to nLight backbone to enable network control or time schedules (CA05.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (CA06.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
CORRIDOR with nLight Enabled Fixtures

**Wired**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture with EMG Option</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>nPODM</td>
<td>On/Off WallPod</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>nCM 10 RJB</td>
<td>Occupancy Sensor</td>
</tr>
</tbody>
</table>

**Bill of Materials**

Some nLight enabled EMG fixtures require a normal sense line connection. See fixture spec sheet for details.

**Operational Details:**

**Light Fixtures:**
- All fixtures are dimmable
- All fixtures are controlled together or independently
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures automatically go to full bright when occupied
- Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

**Manual Control:**
- On/off control of fixtures

**Wireless**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7</td>
<td>See Note</td>
<td>nLight AIR Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight AIR Enabled Fixture with Battery Option</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rPODB G2</td>
<td>On/Off WallPod</td>
</tr>
</tbody>
</table>

**Bill of Materials**

Fixtures assumed to be battery backup

**Operational Details:**

**Additional Options:**
- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
### Wired

- **CAT-5e Cable**
- **Line Voltage Wires**
- **Line Power Feed**
- **0-10V Wires**
- **EMG Power Feed**

### Wireless

- **Low Voltage Wires**
- **Line Voltage Wires**
- **Line Power Feed**
- **0-10V Wires**
- **EMG Power Feed**

### BILL OF MATERIALS

#### Wired

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="rPP20 DS 24V G2" /></td>
<td>1</td>
<td>nPP16 D EFP</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td><img src="image" alt="rPP20 DS ER G2" /></td>
<td>1</td>
<td>nPP16 D ER EFP</td>
<td>Emergency Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td><img src="image" alt="rCMS 10 G2" /></td>
<td>4</td>
<td>nCM 10 RJB</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td><img src="image" alt="rPODB G2" /></td>
<td>3</td>
<td>nPODM</td>
<td>On/Off WallPod</td>
</tr>
</tbody>
</table>

#### Wireless

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="rPP20 DS 24V G2" /></td>
<td>1</td>
<td>nPP16 D EFP</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td><img src="image" alt="rPP20 DS ER G2" /></td>
<td>1</td>
<td>nPP16 D ER EFP</td>
<td>Emergency Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td><img src="image" alt="rCMS 10 G2" /></td>
<td>4</td>
<td>nCM 10 RJB</td>
<td>Occupancy Sensor</td>
</tr>
<tr>
<td><img src="image" alt="rPODB G2" /></td>
<td>3</td>
<td>nPODM</td>
<td>On/Off WallPod</td>
</tr>
</tbody>
</table>

### OPERATIONAL DETAILS:

- **Light Fixtures:**
  - All fixtures are dimmable
  - Maximum level can be task tuned to any percentage via programming

- **Occupancy Control:**
  - Fixtures automatically go to full bright when occupied
  - Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

- **Manual Control:**
  - On/off control of fixtures

### ADDITIONAL OPTIONS:

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller
PUBLIC RESTROOM with nLight Enabled Fixtures

Wired

- All fixtures are dimmable
- All fixtures are controlled together or independently (per room)
- Maximum level can be task tuned to any percentage via programming

Occupancy Control:
- Fixtures automatically go to full bright when occupied (or optionally can be configured to come on automatically to 50%)
- Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

Manual Control:
- On/off & raise/lower control of fixtures
- If switch poses safety concerns, optionally can be programmed for "on only"

Additional Options:
- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

Wireless

- Fixtures assumed to be battery backup

Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight Wired Enabled Fixture with the EMG Option</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>nPODM DX</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
</tbody>
</table>

Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight AIR Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>See Note</td>
<td>nLight AIR Enabled Fixture with the Battery Option</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
</tbody>
</table>

Operational Details:

- All fixtures are controlled together or independently (per room)
- Maximum level can be task tuned to any percentage via programming

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
PUBLIC RESTROOM with 0-10V Dimming Fixtures

**Light Fixtures:**
- All fixtures are dimmable
- All fixtures are controlled together or independently (per room)
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures automatically go to full bright when occupied (or optionally can be configured to come on automatically to 50%)
- Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

**Manual Control:**
- On/off & raise/lower control of fixtures
- If switch poses safety concerns, optionally can be programmed for "on only"

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>nPP16 D EFP</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>nPP16 D ER EFP</td>
<td>Emergency Module with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>nPODM DX</td>
<td>On/Off &amp; Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>nCM PDT 9 RJB</td>
<td>Occupancy Sensor</td>
</tr>
</tbody>
</table>

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>rPP20 DS 24V G2</td>
<td>Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rPP20 DS ER G2</td>
<td>Emergency Relay Pack with 0-10V Dimming Output</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rPODB DX G2</td>
<td>On/Off &amp; Raise/Lower WallPod</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rCMS PDT 9 G2</td>
<td>Occupancy Sensor</td>
</tr>
</tbody>
</table>

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
PRIVATE / SINGLE RESTROOM with nLight Enabled Fixture

**Wired**

- **Light Fixtures:**
  - All fixtures are dimmable
  - Maximum level can be task tuned to any percentage via programming

- **Occupancy Control:**
  - Fixtures automatically go to full bright when occupied (or optionally can be configured to come on automatically to 50%)
  - Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

- **Manual Control:**
  - On/off & raise/lower control of fixtures
  - If switch poses safety concerns, optionally can be programmed for “on only”

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>See Notes</td>
<td>nLight Wired Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>nWSX LV DX</td>
<td>Occupancy Wall Switch, On/Off, Raise/Lower</td>
</tr>
</tbody>
</table>

**Wireless**

- **Light Fixtures:**
  - All fixtures are dimmable
  - Maximum level can be task tuned to any percentage via programming

- **Occupancy Control:**
  - Fixtures automatically go to full bright when occupied (or optionally can be configured to come on automatically to 50%)
  - Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

- **Manual Control:**
  - On/off & raise/lower control of fixtures
  - If switch poses safety concerns, optionally can be programmed for “on only”

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>See Notes</td>
<td>nLight AIR Enabled Fixture</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rPODB DX G2</td>
<td>On/Off, Raise/Lower WallPod</td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS:**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

**Note:** Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
NON-EXIT STAIRWELL with nLight Enabled Fixtures/0-10V Dimming Fixtures

Wireless with nLight Enabled Fixtures

**OPERATIONAL DETAILS:**

**Light Fixtures:**
- All fixtures are dimmable
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures automatically go to full bright when occupied
- Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

**Manual Control:**
- Safety may preclude the use of a manual control in these areas

**ADDITIONAL OPTIONS:**
- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>See Note</td>
<td>nLight AIR Enabled Fixture</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>See Note</td>
<td>nLight AIR Enabled Fixture with Battery Option</td>
<td></td>
</tr>
</tbody>
</table>

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.

Wireless with 0-10V Dimming Fixtures

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>rPP20 DS 24V G2</td>
<td>Relay Pack with 0-10V Dimming Output</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rPP20 DS 24V ER G2</td>
<td>Emergency Relay Pack with 0-10V Dimming Output</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rCMS 10 G2</td>
<td>Occupancy and Daylight Sensor</td>
<td></td>
</tr>
</tbody>
</table>

Fixtures assumed to be battery backup
WAREHOUSE STORAGE Wireless Enabled Fixtures/0-10V Dimming Fixtures

Wireless with nLight Enabled Fixtures

Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 IBG Series</td>
<td>20</td>
<td>rPP20 DS 24V G2 Relay Pack with 0-10V Dimming Output</td>
<td></td>
</tr>
<tr>
<td>15 IBG Series</td>
<td>15</td>
<td>rPP20 DS ER G2 Emergency Relay Pack with 0-10V Dimming Output</td>
<td></td>
</tr>
<tr>
<td>3 rPODB 2P G2</td>
<td>3</td>
<td>2-Pole On/Off WallPod</td>
<td></td>
</tr>
<tr>
<td>12 rCMS 6 G2</td>
<td>12</td>
<td>Occupancy Sensor</td>
<td></td>
</tr>
</tbody>
</table>

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.

OPERATIONAL DETAILS:

- **Light Fixtures:**
  - All fixtures are dimmable
  - Maximum level can be task tuned to any percentage via programming

- **Occupancy Control:**
  - Fixtures automatically go to full bright when occupied
  - Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

- **Daylight Control:**
  - Daylight responsive controls lights to full off when adequate daylight present
  - Not required for spaces without skylights or that have loads <150W in toplit zones

ADDITIONAL OPTIONS:

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

Wireless with 0-10V Dimming Fixtures

Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 rPP20 DS 24V G2</td>
<td>6</td>
<td>Relay Pack with 0-10V Dimming Output</td>
<td></td>
</tr>
<tr>
<td>6 rPP20 DS ER G2</td>
<td>6</td>
<td>Emergency Relay Pack with 0-10V Dimming Output</td>
<td></td>
</tr>
<tr>
<td>3 rPODB 2P G2</td>
<td>3</td>
<td>2-Pole On/Off WallPod</td>
<td></td>
</tr>
<tr>
<td>12 rCMS 6 G2</td>
<td>12</td>
<td>Occupancy Sensor</td>
<td></td>
</tr>
</tbody>
</table>
Wireless with nLight Enabled Fixtures

Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td>18</td>
<td>See Notes</td>
<td>nLight AIR Enabled Fixture</td>
</tr>
<tr>
<td><img src="image2.png" alt="Image" /></td>
<td>6</td>
<td>See Notes</td>
<td>nLight AIR Enabled Fixture with EM Option</td>
</tr>
<tr>
<td><img src="image3.png" alt="Image" /></td>
<td>2</td>
<td>rPODB 2P G2</td>
<td>2-Pole On/Off WallPod</td>
</tr>
</tbody>
</table>

---

**OPERATIONAL DETAILS:**

**Light Fixtures:**
- All fixtures are dimmable
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures automatically go to full bright when occupied
- Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

**Daylight Control:**
- Daylight responsive controls lights to full off when adequate daylight present
- Not required for spaces without skylights or that have loads <150W in toplit zones

---

**ADDITIONAL OPTIONS:**

- Room can be connected to nLight backbone to enable network control or time schedules (C405.2.1 - Time-Switch Controls), and also qualify for Enhanced Digital Lighting Controls (C406.4)
- HVAC control available through system-wide BACnet® interface option on the ECLYPSE controller or through occupancy sensor auxiliary relay (AR) contact option
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.
**Wireless Parking Garage**

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15</td>
<td>See Notes</td>
<td>nLight AIR Enabled Fixture</td>
</tr>
</tbody>
</table>

**OPERATIONAL DETAILS:**

**Light Fixtures:**
- All fixtures are dimmable
- All fixtures can be controlled together or independently
- Maximum level can be task tuned to any percentage via programming

**Occupancy Control:**
- Fixtures automatically go to full bright when occupied
- Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

**Daylight Control:**
- Daylight responsive controls lights to full off when adequate daylight present

**Note:** Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.

**ADDITIONAL OPTIONS:**
- Devices can be connected to nLight backbone to enabled network control or time schedules, including astronomical time schedules for shutoff (C405.2.6.2), lighting setback (C405.2.6.3), & exterior time-switch control (C405.2.6.4)
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLCC) (C405.2.1, C405.2.4, C405.2.5)
Wireless Site Lighting

OPERATIONAL DETAILS:

Light Fixtures:
- All fixtures are dimmable
- All fixtures can be controlled together or independently
- Maximum level can be task tuned to any percentage via programming

Occupancy Control:
- Fixtures automatically go to full bright when occupied
- Fixtures automatically turn off or optionally can be configured to drop to low dim setting when space becomes vacant

Daylight Control:
- Daylight responsive controls lights to full off when adequate daylight present

ADDITIONAL OPTIONS:
- Devices can be connected to nLight backbone to enabled network control or time schedules, including astronomical time schedules for shutoff (C405.2.6.2), lighting setback (C405.2.6.3), & exterior time-switch control (C405.2.6.4)
- Wireless fixture embedded control and occupancy/daylighting sensor options available, please see the fixture specification sheet
- nLight enabled fixtures comply with monitoring and configuration requirements of Luminaire Level Lighting Controls (LLLC) (C405.2.1, C405.2.4, C405.2.5)

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2018 CODE.

Bill of Materials

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚡️</td>
<td>5</td>
<td>See Notes</td>
<td>nLight AIR Enabled Area Fixture</td>
</tr>
<tr>
<td>⚡️</td>
<td>5</td>
<td>See Notes</td>
<td>nLight AIR Enabled Wall Mount</td>
</tr>
</tbody>
</table>

IECC 2018: nLight Applications Guide
Some nLight enabled EMG fixtures require a normal sense line connection. See fixture spec sheet for details.

**Bill of Materials**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Symbol" /></td>
<td>1</td>
<td>nBRG 8 KIT</td>
<td>8-Port Backbone Bridge</td>
</tr>
<tr>
<td><img src="image2" alt="Symbol" /></td>
<td>1</td>
<td>nECY MVOLT ENC</td>
<td>nLight ECLYPSE Network System Controller and Optional BMS Interface</td>
</tr>
<tr>
<td><img src="image3" alt="Symbol" /></td>
<td>1</td>
<td>nECYD NLTAIR G2</td>
<td>nLight AIR Adapter</td>
</tr>
</tbody>
</table>

**Programmable Time Clock Control:**

Although not pictured within each of the individual room design guides, each nLight controlled space can be connected via an nLight backbone to create a networked nLight lighting control system capable of meeting the requirements of IECC 2018 Provision C405.2.2.1, Time-Switch Controls. A networked system also enables astronomical time clock control.
## APPENDIX B: Requirements Overview

<table>
<thead>
<tr>
<th>Control Requirement</th>
<th>Code Provision</th>
<th>nLight Solution Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual Control (Local Switch)</td>
<td>C405.2.5</td>
<td>nLight WallPod devices provide a user with local control of lighting within an nLight controlled space. WallPods are available in multiple styles – each with varying features and user experiences.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Push-Button WallPod</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Graphic WallPod</strong>*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Traditional tactile buttons and LED user feedback. Full-color touch screen provides a sophisticated look and feel.</td>
</tr>
<tr>
<td>Time-Switch Controls and Exterior Lighting Control (via System Controller)</td>
<td>C405.2.2.1, C405.2.6.2, C405.2.6.3, C405.2.6.4</td>
<td>Individual nLight control groups (i.e.: rooms) can be easily networked together across an entire building simply by connecting them into a “backbone” made up of one or more nLight bridge devices and/or nLight AIR adapters and an nLight ECLYPSE system controller. The system controller provides programmable time clock functionality for an nLight network as well as interfaces to the SensorView suite of web-based software applications (via an Ethernet LAN / WAN connection).</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Network System Controller</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Additional benefits of installing an nLight backbone include remote status monitoring, system-wide configuration changes, and BMS interface capability.</td>
</tr>
<tr>
<td>Full Auto-Off via Occupancy Sensor</td>
<td>C405.2.1.1.1</td>
<td>nLight occupancy sensors utilize 100% digital passive infrared (PIR) detection, come in several mounting styles, and offer multiple coverage pattern options. Additionally, nLight sensors are available with patented Microphonics™ dual technology detection for rooms with obstructions. Configuring for full off vs. partial off control is done with system programming.</td>
</tr>
<tr>
<td>Manual On, Auto-On &lt;=50%, Full Automatic On</td>
<td>C405.2.1.1.2</td>
<td><strong>360° Occupancy Sensor</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>120° WideView Corner Sensor</strong>*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Surface mounts to ceiling tiles or sheetrock/plaster. Directly mounts in corner or to ceiling via repositionable ceiling bracket.</td>
</tr>
<tr>
<td>Light-Reduction Controls</td>
<td>C405.2.2.2</td>
<td>nLight provides multiple options for controlling continuous dimming luminaires. This allows spaces with several lighting types and technologies to be controlled together and with a common user experience.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>nLight Enabled Acuity Brands Fixtures</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Dimming Relay Packs</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acuity Brands offers a wide variety of LED fixtures with factory installed integrated nLight controls that provide smooth continuous dimming. nLight dimming relay enable control of any 0-10VDC dimmable LED luminaire.</td>
</tr>
<tr>
<td>Light-Level Controls</td>
<td>C405.2.3.1, C405.2.3.2</td>
<td>nLight offers standalone daylight harvesting sensors as well as occupancy sensors with integrated daylight harvesting. Sensors are available in various housings and provide continuous dimming control of any/all networked nLight enabled fixtures or dimming relay packs, each capable of being its own daylight zone.</td>
</tr>
<tr>
<td>Daylight-Responsive Controls</td>
<td></td>
<td><strong>Ceiling Mount Dimming Photocell</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Recessed Mount Dimming Photocell</strong>*</td>
</tr>
</tbody>
</table>

*Available with nLight Wired products only.

Note: This summary is for general information purposes only and is provided without any warranty as to accuracy, completeness, or otherwise. The user should read the applicable code sections for more complete and detailed descriptions of code requirements and exceptions and should consult with a professional engineering or other competent advisor before making any decision or taking any action based on this summary.
2018 IECC and Emergency Lighting

IECC lighting controls requirement C405.2 (and subsection 405.2.5 for exterior lighting controls) provides exceptions for emergency and egress lighting, indicating that lighting controls are not required for the following types of lighting:

- Areas designated as security or emergency areas that are required to be continuously lighted.
- Interior exit stairways, interior exit ramps and exit passageways.
- Emergency egress lighting that is normally off.
- Lighting for covered vehicle entrances or exits from buildings or parking structures where required for safety, security or eye adaptation.

Generally speaking, lighting that is normally on during occupied periods, normally dimmed or off during unoccupied periods, and also used to provide for egress during emergency power conditions should be controlled in compliance with C405.2. nLight features various UL924 listed options that can be specified to provide both lighting control in compliance with IECC and emergency operation in compliance with locally enforced fire codes.

Additional specification details and information can be found on the nLight platform webpage at [www.acuitybrands.com/nLight](http://www.acuitybrands.com/nLight).
**nLight Enabled Fixtures**

Acuity Brands offers the industry’s broadest portfolio of controls enabled fixtures. Please scan the QR code to see the current nLight enabled fixtures.

**Mobile Apps**

Quick and Easy Lighting Configuration and Control In the Palm of Your Hand

**nLight Wired**

nLight BLE Radio Module

nLight wired uses the nIO BT (Bluetooth® Low Energy radio module) to communicate with the nConfig app to modify the settings and operation of the devices in an nLight zone.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Acuity Brands Lighting is under license.

**nLight AIR**

nConfig™

The nConfig mobile app is for nLight wired controls startups. It’s a quick and easy alternative to SensorView software for smaller projects and simple programming.

**CLAIRITY™ Pro**

The CLAIRITY Pro mobile app allows you to start up, configure and troubleshoot nLight AIR wireless controls from a compatible smartphone or tablet.
Additional Resources

Acuity Controls Typical Layout Drawings

IECC
http://www.iccsafe.org/

Use the Following Sections of the IECC 2018 Code as Reference:

- Section C405.2.1.1.1 – Full Auto-Off via Occupancy Sensor
- Section C405.2.1.1.2 – Manual-On or Partial-On
- Section C405.2.1.1.2 – Full Automatic On
- Section C405.2.1.3 – Local Switch
- Section C405.2.2.1 – Programmable Timeclock
- Section C405.2.3 – Daylight-Responsive Controls
- Section C405.2.5 – Manual Lighting Reduction
- Section C405.2.6 – Exterior Lighting Controls
- Section C406.4 – Enhanced Digital Lighting Controls

Explore Acuity Academy
Acuity Academy provides educational resources for individuals wanting to expand their lighting, controls and building management technical knowledge. On Acuity Academy, you can register for instructor-led classes, take e-learning courses or watch videos and recorded content.
https://www.acuitybrands.com/resources/training-and-education

nLight Lighting Controls Platform Page
www.acuitybrands.com/nlight

A+ Certified solutions from Acuity Brands help you quickly and confidently select and implement lighting systems that are both compatible and consistent.

For lighting applications, A+ means verified consistent performance, visual appearance and system interoperability of all luminaires and controls within the certified solutions. For lighting professionals it means confidence that all parts of the lighting system will work together and meet common Acuity Brands specifications.

Go to www.acuitybrands.com/solutions/a-certified or contact your local Acuity Brands representative for more information.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Acuity Brands Lighting is under license.