

## Advanced Wireless Lighting Control

Robust environmental and electrical protection make this advanced Wireless Dimming Control of the highest reliability for LED and HID applications, with voltages from 120VAC - 480VAC.



### DCC Sensor Option

INTEGRATES WITH EXISTING OCCUPANCY SENSORS FOR DIM-TO-BRIGHT ON MOTION



### WALI Twistlock

WIRELESS NODE  
3-PIN & 7-PIN MODELS



### WALI Wall Pack

WIRELESS NODE FOR  
WALL MOUNT LIGHTING



### Gateway Controller

MANAGES THE COMMUNICATIONS,  
SCHEDULING AND CONTROL OF  
ALL WALI NODES



## WALI Wireless Control System Options

### WALI XT

- Will accommodate hundreds of WALI nodes per site
- Advanced web based system with energy management
- Integrates with Building Management Systems via BACnet
- On / Off / Dim / Control / Monitoring of WALI nodes
- Advanced 365-Day Zone Scheduling with holidays
- Remote access with mobile devices and browsers
- Manage multiple sites with one Executive Dashboard

### WALI EZ

- Will accommodate up to 100 WALI nodes per site
- Simple, mobile (only) access and control
- Both iPhone and Android mobile devices supported
- On / Off / Dim Control of WALI Twistlocks and Wall Packs
- Basic 7-Day Zone Scheduling
- Plug & Play System, easy deployment



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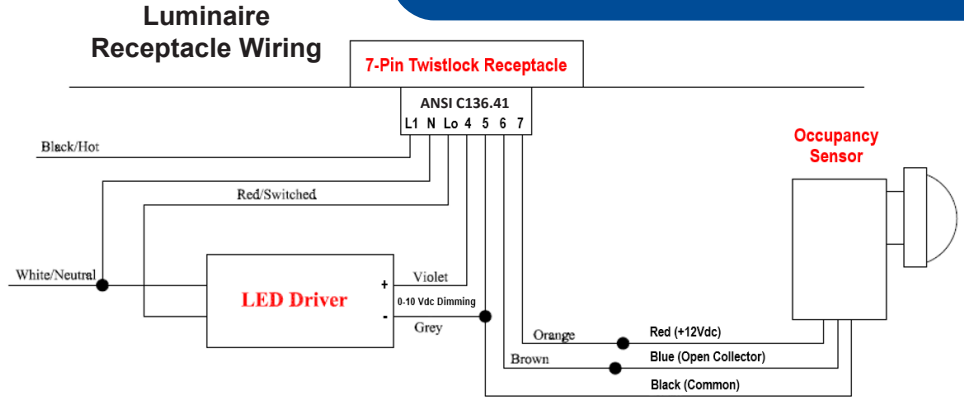
#### WALI Twistlock Node

- ANSI C136.41 twistlock
- 3-Pin for On-Off only control
- 5 & 7-Pin for On-Off-Dimming



#### WALI Wall-Pack Node

- Ideal - wall mounted light fixtures
- Outdoor single gang round box
- Hard wiring for On-Off-Dimming



## Electrical Information

|                                |                                                                                                    |                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <b>Load Rating</b>             | 1,000W Max Across all Voltages                                                                     | Tested to 15,000 operations on LED and HID Induction loads             |
| <b>Dimming Circuit</b>         | 0-10 Vdc Dimming Class 1                                                                           | 5mA max Sinking current, 20mA max Sourcing current                     |
| <b>Surge Protection</b>        | 20,000 Amps                                                                                        | 760 Joule MOV protection                                               |
| <b>Power Consumption</b>       | < 2.0 Watts @ 105-305 VAC                                                                          | < 3.6 Watts @ 312-530 VAC                                              |
| <b>In-rush Current Limit</b>   | 250 Amps max                                                                                       | Total In-rush current per LED fixture shall not exceed 250A            |
| <b>TRIAC Assist</b>            | Increased Relay Life with TRIAC assist                                                             | TRIAC with Zero Cross Switching minimizes inrush current               |
| <b>Occupancy Sensor Option</b> | 12Vdc (30mA max) supplied from WALI                                                                | WALI input connects to dry contact or open collector Occ sensor output |
| <b>Dusk to Dawn Controls</b>   | In the event of communications loss to ZigBee® gateway, node will switch to dusk to dawn operation |                                                                        |
| <b>Firmware Upgrades</b>       | OTA (Over The Air) upgrades                                                                        | Upgrades can be deployed wireless through WALI mesh network            |
| <b>FCC Listings</b>            | FCC PART 15, Class B                                                                               | Canadian ICES-003, Class B                                             |
| <b>Certifications</b>          | Conforms to UL STD 773                                                                             | Certified to CSA STD C22.2 #55                                         |

## Mechanical Data

|                               |                                             |                                                                          |
|-------------------------------|---------------------------------------------|--------------------------------------------------------------------------|
| <b>Photosensor</b>            | Bat Eye Circuit, immune to artificial light | Eliminates fixture cycling, north window facing orientation not required |
| <b>Operating Temperature</b>  | -40°C to +70°C                              | -40°F to +158°F                                                          |
| <b>Cover</b>                  | Conforms to IP65, Polycarbonate             | Smoked Grey = 105-305 VAC, Smoked Brown = 312-530 VAC                    |
| <b>Base</b>                   | Polycarbonate 140°C                         | UL94HB Flame Class Rating                                                |
| <b>Gasket</b>                 | Neoprene                                    | ASTM D 1056                                                              |
| <b>Operating Light Levels</b> | Turn-on: 1.5 FC, 1.5:1 Off/On Ratio         | +/- .25 FC, 3-5 Sec Turn-off Delay                                       |

## Model Numbers

|                         |                         |                                                                                  |
|-------------------------|-------------------------|----------------------------------------------------------------------------------|
| <b>WALI-124-M*</b>      | 105 - 305 VAC, 50/60 Hz | Twistlock, standard voltage, installs on ANSI C136 twistlock receptacle          |
| <b>WALI-124-1-WP-M*</b> | 105 - 305 VAC, 50/60 Hz | Wall Pack, standard voltage in a single gang round box for hard wire connections |
| <b>WALI-480-M*</b>      | 312 - 530 VAC, 50/60 Hz | Twistlock, high voltage, installs on ANSI C136 twistlock receptacle              |
| <b>WALI-480-1-WP-M*</b> | 312 - 530 VAC, 50/60 Hz | Wall Pack, high voltage in a single gang round box for hard wire connections     |

\* Note: Use 'M' when integrating a Motion (Occ) Sensor - Leave blank when not using a Motion (Occ) Sensor