

## 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





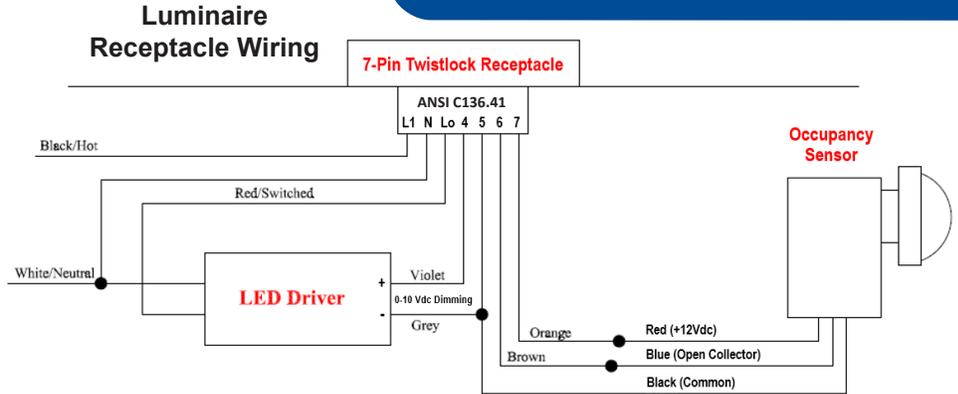
**WALI Twistlock Node**

- 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

