

Advanced Wireless Lighting Control



OCC 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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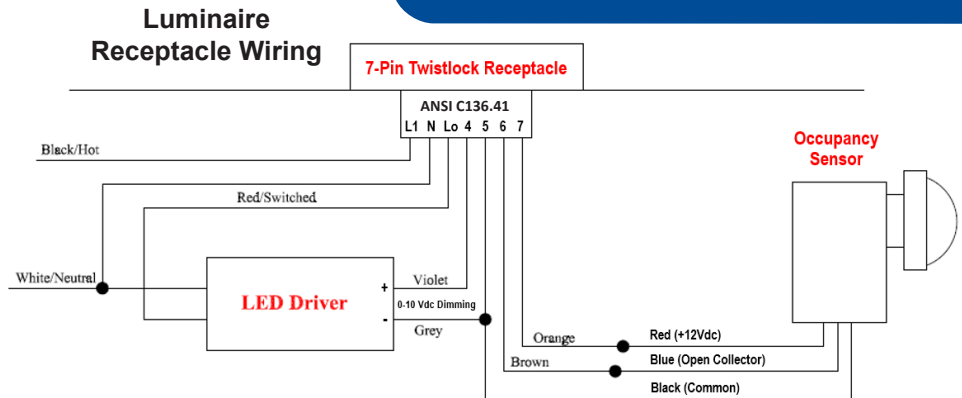
WALI Twistlock Node

- 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

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

Mechanical Data

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

Model Numbers

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