

Description

Unsurpassed construction with robust environmental protections make this advanced Wireless Outdoor Lighting Controller with dimming capabilities the highest grade wireless photocontrol on the market today.

The Autani WALI ZigBee® wireless node will work with any ANSI C136.41 receptacle (3-pin, 5-pin or 7-pin) and will provide advanced remote and networked control of your LED fixtures.



Features

- LED On / Off / Dimming Controls
- Flexible Zone Scheduling
- Mobile / Remote Control Options
- Twistlock = Easy Deployment
- Voltages available: 120V, 208V, 277V, 347V and 480V
- Robust ZigBee Mesh Network
- Secure wireless communications with Autani EnergyCenter devices

Electrical

- Input voltage range: 100-277VAC
- Frequency: 47 - 63Hz
- AC Relay Switched Current: <20A Resistive
- AC Zero Cross Switching
- Input Current Module Power: <0.05A for Units power use

Ordering Information

SKU	Description
WALI-277	105-305VAC WALI Outdoor Fixture Controller Twistlock, standard voltage, with ANSI C136.41, 7-pin twistlock connector
WALI-277-1-WP	105-305VAC WALI Outdoor Fixture Controller Wall Pack, standard voltage in a single gang round box for hard wire connections
WALI-480	310-530 VAC, 50/60 Hz Twistlock, high voltage, with ANSI C136.41, 7-pin twistlock connector
WALI-480-1-WP	312-530 VAC, 50/60 Hz Wall Pack, high voltage in a single gang round box for hard wire connections



Electrical

Parameter		
Load Rating	1,000W/1,800 VA	Tested to 15,000 operations on maximum LED and Induction load
Dimming Circuit	0-10 Vdc PWM Dimming Class 1	Must use with LED fixture which supports 0-10Vdc dimming
Surge Protection	20,000 Amps	760 Joule MOV protection
Dielectric Strength	5,000 Volts	Between current carrying parts
TRIAC Assist	Relay assist with Zero Cross Switching	Prolongs relay life and reduces in-rush current and electrical noise
Firmware Upgrades	OTA	Over the Air firmware upgrades
Power Consumption	< 2.0 Watts @ 105-305 VAC	< 3.6 Watts @ 312-530 VAC
Certifications	ETL Intertek	Conforms to UL STD 773, Certified to CSA STD C22.2 #55
FCC Listings	FCC ID	Canadian IC
Dusk to Dawn Controls	In the event of communications loss to ZigBee® gateway, node will switch into dusk to dawn operation	

Mechanical

Parameter		Notes/Conditions
Bat Eye Circuit	Blind to artificial light	North orientation not required, <0.5% Drift over 10 Years
Operating Temperature	-40°C to +70°C	-40°F to +158°F
Cover	Durable Polycarbonate	Smoked Grey = Standard Voltage, Smoked Brown = High Voltage
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 Ration	+/- .25 FC, 3-5 Sec Turn-off Delay