



LODESTAR+

Wireless Outdoor Lighting Controllers



LODESTAR+ Twist-Lock Controller

- ANSI C136.41 twist-lock
- 3-Pin for on/off control only
- 5-Pin or 7-Pin for on/off and dimming



LODESTAR+ Wall Pack Controller

- Ideal for fixtures without a twist-lock socket
- Outdoor single gang round box
- Hard wiring for on/off and dimming

FEATURES

- Provides remote and networked control of LED fixtures
- Works with any ANSI C136.41 receptacle (3, 5, or 7-Pin)
- Pre-programmed at the factory and field adjustable
- Easy adjustments via LODESTAR+ Mobile App
- Flexible scheduling and zoning of outdoor fixtures
- Automatic software updates
- Remote access when connected to LAN/WAN
- Robust wireless mesh network

DESCRIPTION

LODESTAR+ is a simple wireless outdoor lighting control system consisting of twist-lock controllers, wall pack controllers, a gateway and a mobile app (Android & iOS). LODESTAR+ removes the complexity from outdoor control systems and delivers the most important features for on/off and dimming control.

LODESTAR+ comes pre-programmed from the factory with each controller already "assigned" to the gateway before shipping. Factory pre-programming reduces installation complexity inherent with many other control systems.

TECHNICAL DATA

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 Must be used with LED fixture that supports 0-10VDC dimming
Surge Protection	20,000 Amps, 780 Joule MOV protection
Power Consumption	<2.0 Watts @ 105-305 VAC, <3.6 Watts @ 312-530 VAC
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
Dusk-to-Dawn Controls	In the event of a communications loss to ZigBee® gateway, node will switch to dusk-to-dawn operation
Certifications	ETL Interek 5016169 Conforms to UL STD 773, Certified to CSA STD C22.2 #55
FCC Listings	FCC ID: W7Z-ZICM357SP0, Canadian IC: 8254A-ZICM357SP0
Electrical Circuit	Blind to artificial light North orientation not required, <0.5% drift over 10 Years
Operating Temperature	-40°F to +158°F
Polycarbonate Cover	Available in 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 ratio +/- .25 FC, 3-5 second turn-off delay

ORDERING INFORMATION

Product

TLC-W-120

TLC-W-480

TLC-W-WP-120

TLC-W-WP-480

Description

LODESTAR+ 120V Wireless Twist-lock Controller

LODESTAR+ 480V Wireless Twist-lock Controller

LODESTAR+ 120V Wireless Wall Pack Controller

LODESTAR+ 480V Wireless Wall Pack Controller

