



TL5-B1

Twist Lock Lighting Controller



Includes Photocell and Power Monitoring

Specification Data	
Job Name	
Type	
Catalog #	
Comments	

Product Overview

The **TL5-B1** is an intelligent wireless lighting controller that provides light monitoring and control with utility-grade power monitoring. Each TL5-B1 provides intelligent ON/OFF switching, dimming, control, and constant status monitoring of your lighting fixtures.

Key Features:

- Integrated Photocell
- ANSI C136.41 5-pin Dimming Receptacle Support
- Utility grade power monitoring
- Remote control and scheduling
- Flexible Dimming Controls
- Secure, over-the-air upgrades to support future enhancements
- Seamless integration into the SimplySNAP lighting control system

Product #	Description
TL5-B1	Twist-lock Wireless Lighting Control with Built in Photocell

Dimensions	4.53" W x 2.68" H (115mm W x 68mm H)
Input Power	100 to 277 +/- 10% (Max 305V), 50/60Hz
Operating Environment	-40°C to +70°C; 20% to 90% RH non-condensing; IP66
Switched Output	Default ON
Load Rating	5A @ 100V to 277V (+/- 10%)
Dimming Control	0-10 V with short circuit protection
Dimming Output	Maximum Current 10 mA
Radio	SNAP 2.4GHz; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity
Power Monitoring	Utility Grade - 2% Accuracy
Power Readings	Voltage, Watts
Certifications	FCC, IC, cULus
Warranty	5 Years

Lighting Controls

To learn more, call or visit:
synapsewireless.com
 (877) 982-7888



TL5-B1 Wiring Diagram

