



# 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

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

Lighting Controls

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



# TL5-B1 Wiring Diagram

