



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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

