

Teralux **Spotlight Series** User Manual

CE RoHS



Teralux Office

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Teralux Spotlight Series

TERALUX Spotlight delivers flexible warm-to-cool white lighting with high color accuracy and a focused, elegant beam. Support differ protocol like 0/1-10V, TRIAC, and Zigbee that offers smooth app and voice control via Tuya, Alexa, and Google Assistant, all wrapped in a premium recessed design for modern interiors.

Features

Easily adjust lighting from warm to cool white to match different moods, activities, or times of day with smooth, precise control.

Delivers natural and true-to-life colors, enhancing interior details, textures, and finishes with premium light quality.

Ensures fast, reliable, and low-latency performance for responsive smart lighting control within your smart home system.

Supports smooth brightness and color temperature control when paired with compatible dimmers and control systems.

Designed with a refined beam angle to create clean, stylish lighting accents without glare.

Built with durable aluminum housing and elegant reflector options, combining efficient heat management with modern aesthetics.

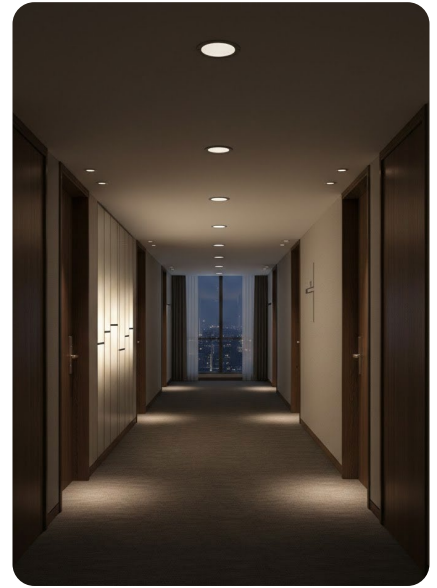
Device Function



Suitable for Commercial



Suitable for Residential



Suitable for Hospitality Applications

Technical Parameter

Category

Specification









Model	Teralux Spotlight P0 Series
CRI	Ra ≥90 CRI
Beam Angle	15° / 24° / 36°
Body Color	White
Reflector Color	Black Glossy, Silver Glossy, Black Matte, Silver Matte
Certification	CE RoHS

Color Temperature and Sizing

Lumens

5W	10W	12W	15W	20W	25W	30W
560 - 595 lm	560 - 595 lm	1100 - 1320 lm	1470 - 2205 lm	1974 - 2961 lm	2436 - 3654 lm	3150 - 4725 lm

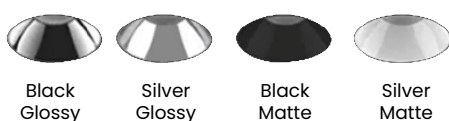
Sizing

P01 <5W	P02 8-12W	P03 12-20W	P04 20-30W
			
63mm	78mm	108mm	123mm
63mm	85mm	104mm	136mm
			
Cut Hole ø58mm	Cut Hole ø75mm	Cut Hole ø95mm	Cut Hole ø106mm

Beam Angle



Reflector Option



CRI

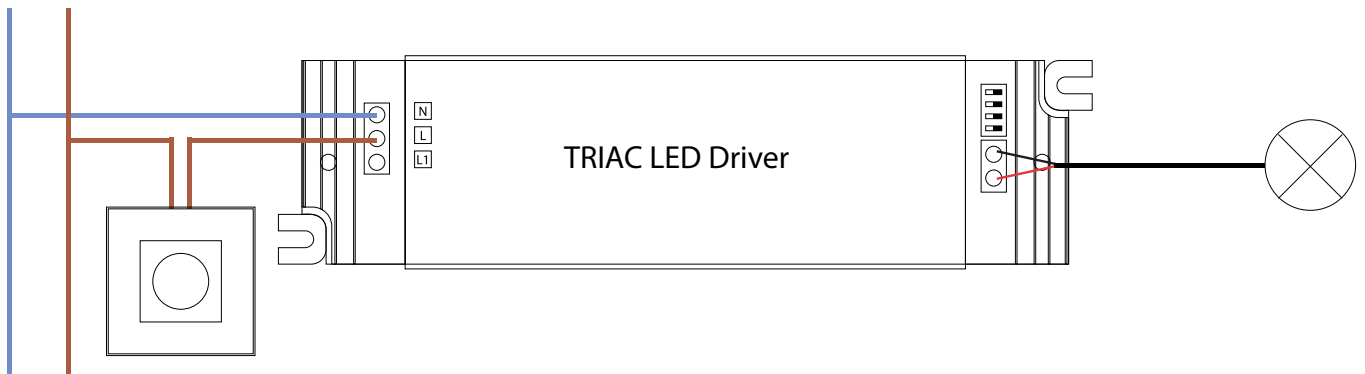
>90RA

Electrical

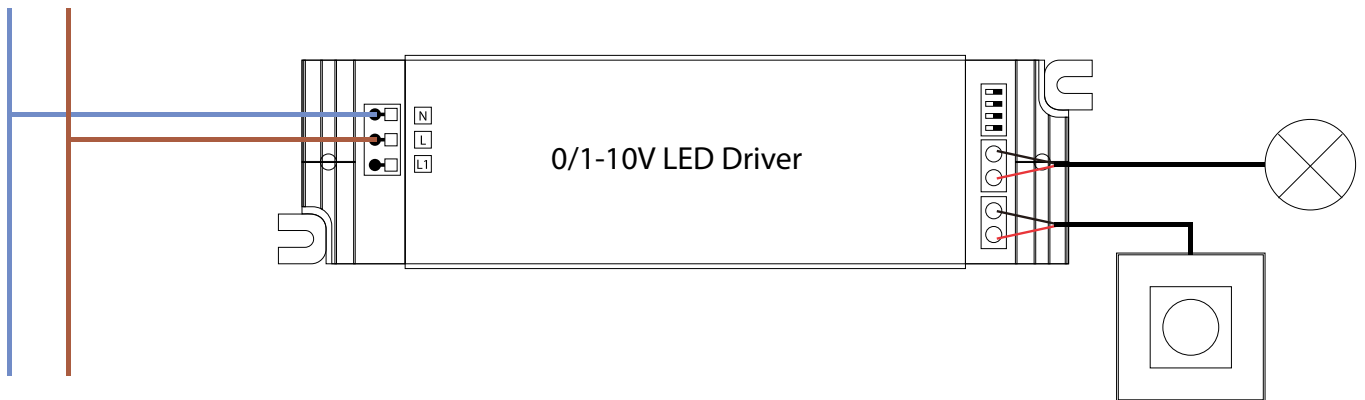
Input	100-265VAC
Output	Low Voltage Constant Current

Wiring Diagram

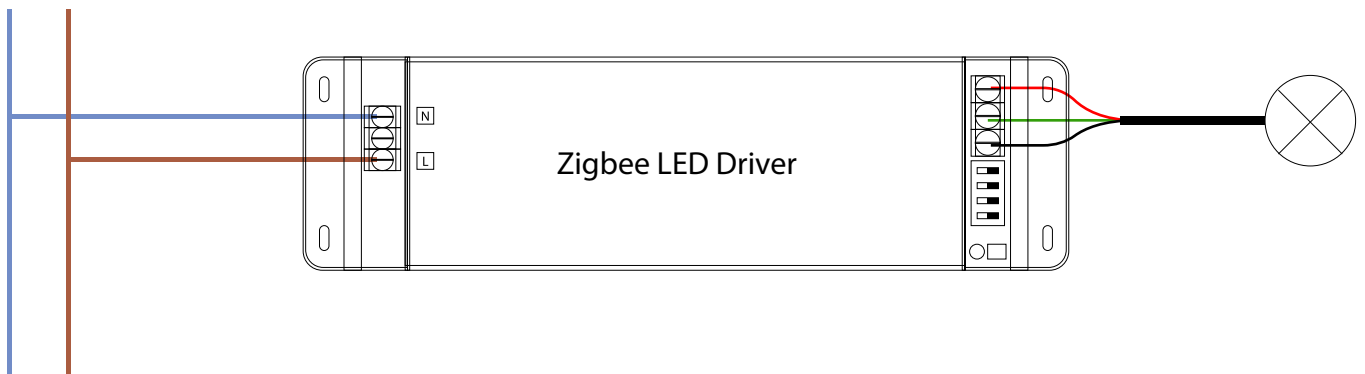
- **Using Triac Protocol**



- **Using 0/1-10v Protocol**

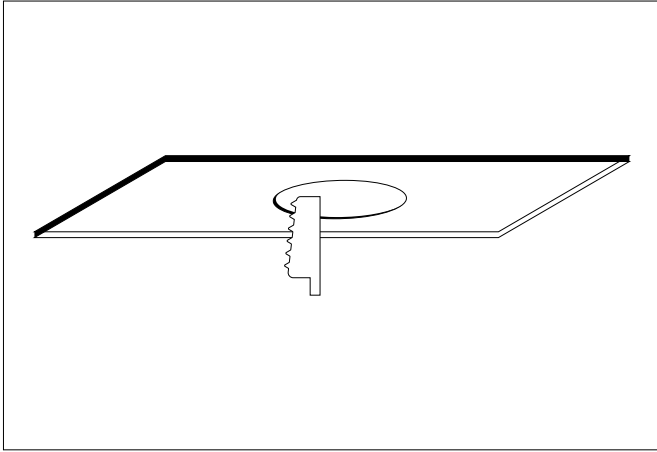


- **Using Zigbee Wireless Protocol**

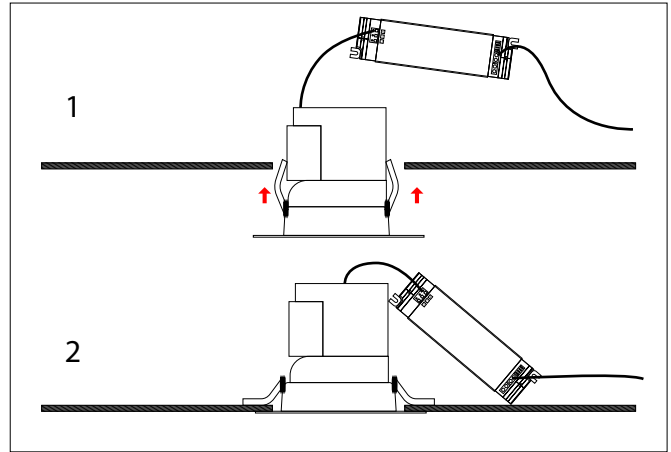


Mounting Instruction

Before starting the installation, turn off the main electrical power. Determine the installation location for the downlight and cut the ceiling hole according to the downlight size (TH02–TH06). Connect the LED controller/driver to the power supply in accordance with the wiring diagram. Insert the downlight into the ceiling hole, then release the spring clips so the downlight is securely fixed in place.



Cut the ceiling hole based on the downlight's size.



Connect the driver to the electrical power, push panel spring (1) and release after the downlight are installed (2).



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