

Ingy Mesh Compact DALI Book 20 Wireless Controller

Overview

- Single Channel DALI Wireless Controller
- Zhaga Book 20 Compliant (Mounts to 1/2" Knockout)
- Compatible with Ingy Wirepas Mesh Systems
- Features High and Low-End Trim Adjustment, Zoning & Continuous Dimming
- DALI Zhaga D4i Certified
- Compact Design



Applications

The PSC-ZBD-WCM-100-WPS-NG is a Single Channel DALI Zhaga Book 20 D4i Wireless Fixture Controller. The controller is designed to work with a Wirepas mesh system by converting standard Bluetooth SIG mesh protocol to DALI protocol.

The product includes a Book 20 connector-based wiring harness to simplify installation. The controller mounts in a 1/2" knockout and is secured by the included optional clips or via the threaded body.

The controller communicates directly with DALI drivers and is controlled wirelessly via Bluetooth Mesh technology.

Operation

Ingy Wirepas Mesh: The PSC-ZAD-I sensor-controller is compatible with a Wirepas mesh network and configured via Ingy software.

Single Channel Control: The controller provides a single channel of D4i compatible DALI output for driver control.

Quick Connector: The controller is compatible with Zhaga Book 20 C22-T1A and includes a Book 20 wiring harness.

See the Ingy Commissioning User Manual for more information.

Summary

Product Type:
Wireless DALI Controller

Input Voltage | Current Consumption:
DALI Bus | 50 mA

DALI: Complies with DALI Zhaga D4i Specifications

Mounting: Zhaga Book 20 C22-T1A
(or 1/2" Knockout)

Max Wireless Range¹:
100ft (30.4m)

Operating Temperature:
-40°F to 158°F (-40°C to 70°C)

Storage Temperature:
-40°F to 185°F (-40°C to 85°C)

Relative Humidity:
90-95% non-condensing

Color: White

Warranty: 5 years

Note:

1. Wireless Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for Bluetooth range accuracy.

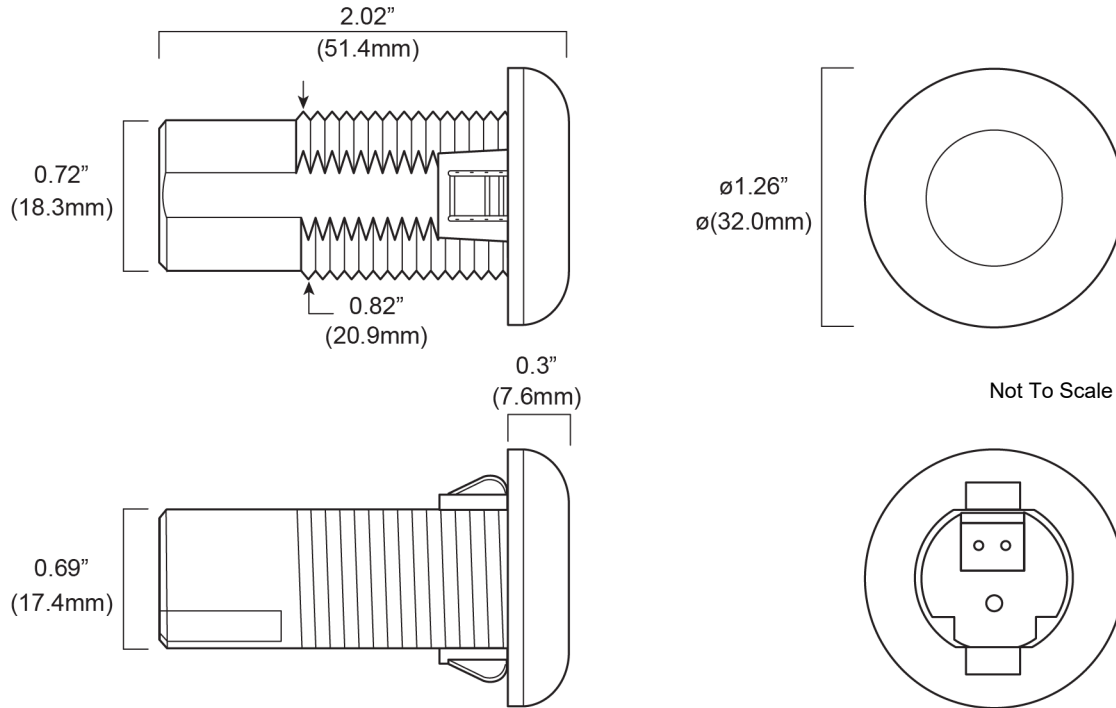
Accessories

The controller operates on power from the DALI Bus. See the Wiring Table for designation of wiring tabs/slots.

Project

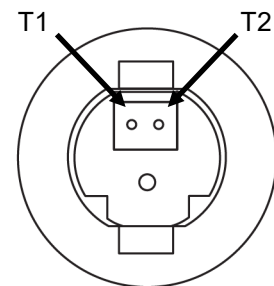
Location/Type

Physical Dimensions

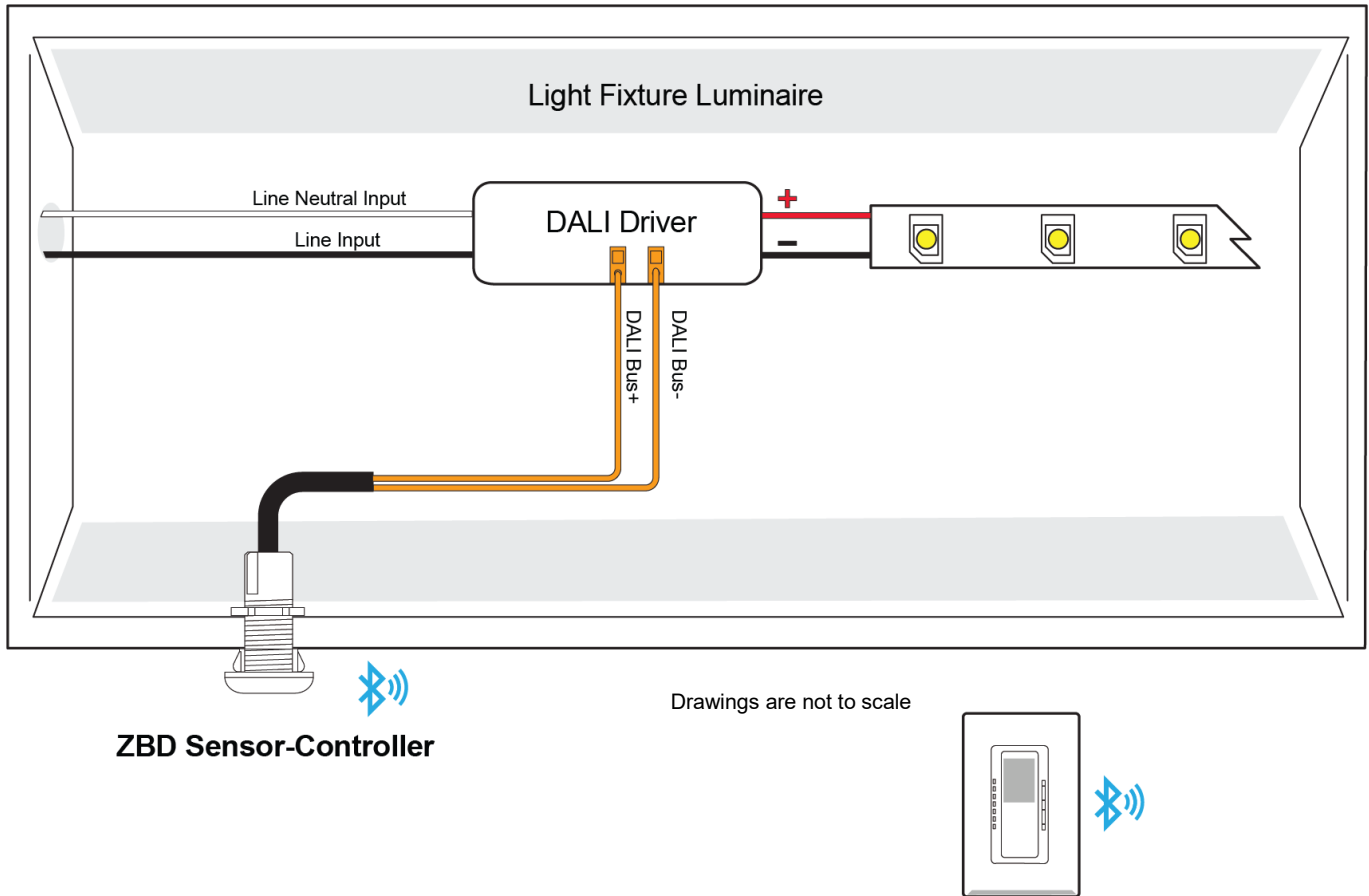


Controller Wiring

Tab/Slot	Designation	Notes
T1	DALI Bus (Communication & Power)	Black Wire (22AWG)
T2	DALI Bus (Communication & Power)	Black Wire (22AWG)



Example Application: Controller Installed with DALI Driver



How To Order

Model No.	Description	Input Voltage	Output
PSC-ZBD-WCM-100-WPS-NG	DALI Luminaire Controller, Ingy Wirepas Mesh Technology White Finish	DALI Bus (~16VDC)	DALI

Design and specifications are subject to change without notice.