Product Overview

Radiar ZD is BLE 5.2 wireless 12-24VDC powered DALI controller that comes within a Zhaga book 18 form factor. This compact product has a single DALI output channel to control an LED driver. This IP65 rated plug and play device is specially designed for UFO high-bay fixtures, shoeboxes, wall packs, streetlights applications.

The Lumos Controls ecosystem comprises controllers, sensors, switches, modules, drivers, gateways, and analytical dashboards It is listed by the Design Lights Consortium (DLC), qualifying it for energy conservation incentive programs and rebates by utility companies.

Features

- BLE5.2 wireless communication
- 12-24VDC powered
- DALI output for controlling the LED driver
- Compact sized for easy installation
- IP65 rated for outdoor applications
- Supports Over-the-Air (OTA) firmware updates

Specifications

Electrical

Specifications	Value
Input voltage	12-24VDC
Max. Input current	30mA

Bluetooth

Specifications	Value
Operation frequency	2.4-2.483GHz
Transmission power	8dBm
Range	up to 45m(147.6ft)

Environmental

Specifications	Value
Working temperature	-20 to 70°C(-4 to 158°F)
IP rating	IP65

Dimming

Specifications	Value
Output channel	DALI/30mA, 0-100% range