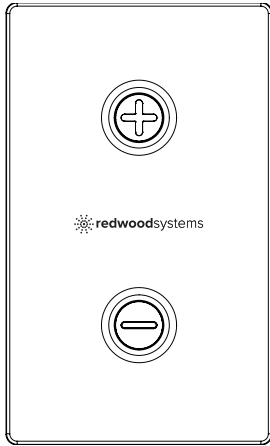


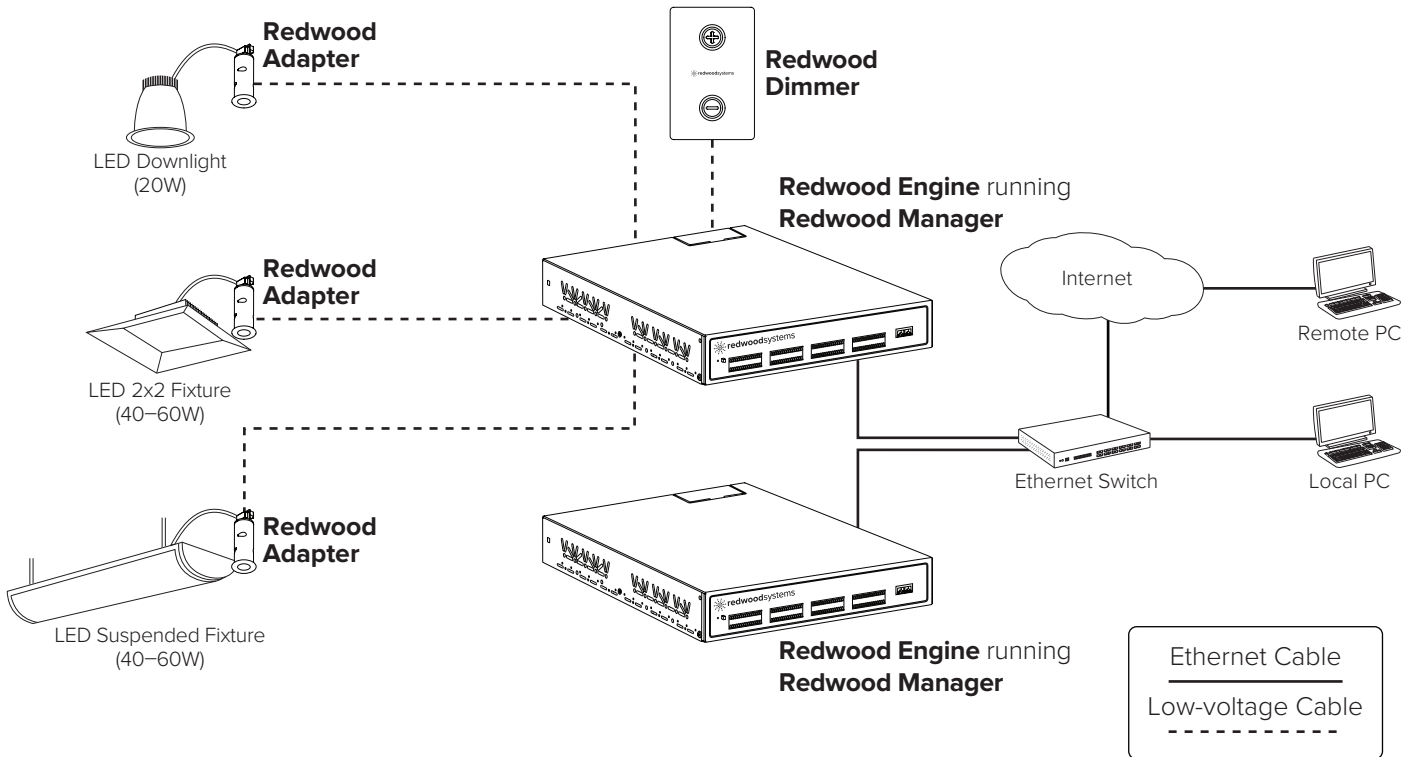
Redwood Dimmer



Redwood Dimmer

The Redwood Dimmer allows occupants to dim and control individual LED fixtures or groups of fixtures in a room. With its set of motion, light-level, and ambient temperature sensors, it augments the measurement capabilities of the Redwood Adapters deployed with each fixture. The Redwood Engine powers and communicates with the Dimmer via Class 2, low-voltage cabling.

Redwood Platform Application Diagram



Project name

Project number

Date

Redwood Dimmer Specifications

MECHANICAL SPECIFICATIONS

- Dimensions: 3" W X 5.0" H X 1.0" D
- Weight: 0.5lbs (0.23kg)
- For indoor use only
- Operating Temp: 0°C to 50°C
- Storage Temp: -20°C to 70°C
- Operating Humidity: 10% to 80% RH
- Storage Humidity: 5% to 95% RH
- Designed for attachment on wall with electrical switch box

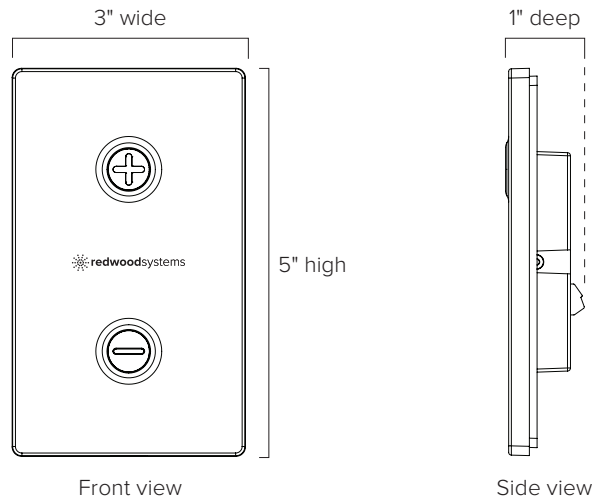
ELECTRICAL / DATA SPECIFICATIONS

- Input/Output to Redwood Engine: 1 channel via 18-24 AWG, field-terminated, 2 Conductor Unshielded cable
- Power consumption: 300mW
- Up/down paddle switch with dimming levels
- Ambient temperature sensor
- Infrared (IR) sensor for motion
- Light-level sensor

COMPLIANCE

- Class 2 electrical device
- Designed for California Title 24-2008 compliance
- UL8750 and UL60950
- CE Compliant
- FCC Class A Part 15
- RoHS compliant
- Made in the U.S.A.

Please consult with a Redwood representative for detailed project specification.



Part number

RG-1G - W