

# Lumina RF Full Phase 600W Dimmer

lumina rf



## BASIC OPERATION

Introducing the Lumina™ RF 600W Dimmer (DL6HD), a line-powered component of the Lumina RF Solutions product line. This device allows dimming of full phase loads as part of the Lumina Gateway and Lumina RF Eco-System. Lumina RF products ensure energy savings in new construction and retrofits and the Lumina Gateway functions as an energy management coordinator, allowing for wireless automated control of loads via remote control from a tablet or smartphone app.

The DL6HD is a robust manual rocker dimmer switch used to provide wireless control of lighting loads including high-inrush LED loads. The DL6HD Wall Dimmer is compatible with 2.4 GHz Lumina RF wireless products. When connected with a Lumina Gateway it allows facilities to create scalable wireless energy management systems.

Connect other Lumina RF devices and add the OmniTouch 7 Touchscreen Interface for seamless centralized control, scheduling and remote access. The DL6HD is the optimal solution for retrofit applications where LED, incandescent or fluorescent lighting controls are required and additional wiring devices are cost prohibitive.

## APPLICATIONS

- Retrofits
- Conference Rooms
- Lounges
- Restaurants
- Executive offices
- New construction
- Transceiver: 2-way communication with acknowledgement

## FEATURES

- **Use with the Lumina RF Eco-System**
- **Aesthetically pleasing intuitive design** – rocker switch and slender raise/lower side bar for ON/OFF, raise/lower control
- **Wireless mesh network** – self-healing mesh network feature has no hardwired backbone and connects all products together for a more robust and reliable system without wires
- **Code compliant energy management functionality** – meets energy code requirements for ASHRAE 90.1 and California Title 24
- **LED flexibility** – enable, disable or turn OFF LED lights after five seconds for applications where brightness is a factor (i.e. hospitality)
- **LED Indicator** – inconspicuous LED light level indicator for locating in a dark room
- **3-way switching applications** – pair with Lumina Gateway for an energy management solution
- **Standard size for seamless installation** – the DL6HD fits in a standard single-gang wall box
- **Complies with IEEE 802.15.4 standards** – for domestic and international wireless networks

## Leviton Manufacturing Co., Inc. Global Headquarters

201 N. Service Rd. Melville, NY 11747-3138 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538

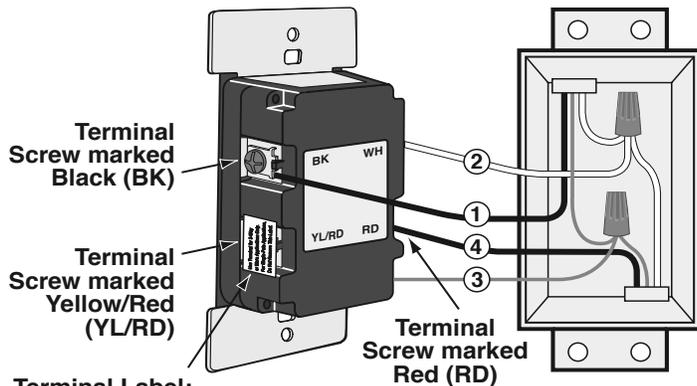
## Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation.

4330 Michoud Blvd., New Orleans, LA, 70129 Tel: 1-504-736-9810 Fax: 1-504-253-2954

Visit our Website at: [www.leviton.com/gateway](http://www.leviton.com/gateway)

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**WIRING DIAGRAM**

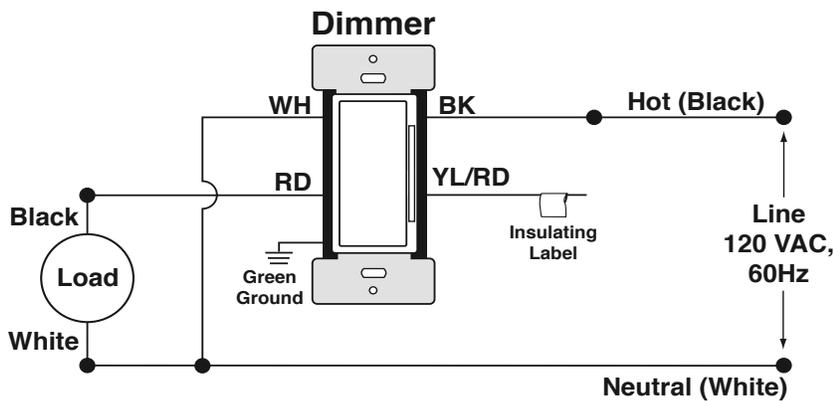


**Terminal Label:**  
 Use terminal for 3-way or more applications.  
 For single-pole applications, DO NOT remove label.

**SPECIFICATIONS**

Communication Frequency: 2.4GHz
Range: Up to 75' between Lumina RF devices
Load Ratings: 300W Dimmable LED and CFL; 600W Incandescent

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**ORDERING INFORMATION**

DESCRIPTION	CAT. NO.
Lumina RF Full Phase 600W Dimmer	DL6HD-1BZ

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