

# LED-HWBDIM2-24-40

Hardwire Box with 40W Dimmable LED 2-Wire Driver  
Cabinet, Cove & Display

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

## Features

### Electrical Performance

- Operating voltage 120V, 50/60Hz.
- Forward phase control.
- Max. load: 40W (output).
- Thermally protected.
- Open and short circuit protection.
- Power factor > 0.90 at 40W.
- THD < 20% at 40W.
- 24V DC output.

### Dimming

- Continuous, flicker-free dimming from 100% to 1%.
- Dimmable using selected Nova T<sup>®</sup>, Maestro Wireless<sup>®</sup>, Radio RA<sup>®</sup> 2, HomeWorks<sup>®</sup> QS, Grafik Eye<sup>®</sup> QS, Grafik System<sup>™</sup>, Quantum<sup>®</sup> and Stanza<sup>®</sup> dimmers (see page 2 for complete dimming list).

### Environmental Performance

- Class A sound rating.
- Relative humidity: max. 90% non-condensing.
- Min. operating temperature: 0°C.

### Linkage

- The LED driver is equipped with a 2.1 DC jack and 6' of 18AWG SPT cord on the output side for linking to 24V LED tape and strip.
- Lead length from driver to LED light source shall not exceed 10' (3.1m).

### Construction

- 20 gauge painted steel box with dedicated compartment for hard-wiring (120V).
- Five 7/8" knockouts for maximum

flexibility in positioning and in-line installation.

- Provided with push-in wire connectors for fast and easy wiring.

### Certifications

- Class 2 output.
- FCC part 15 compliant.

### Compatibility

- Compatible with all single colour Liteline<sup>®</sup> 24 volt LED lighting, including:
- LED-TP series LED tape.
  - LED-STR series LED strip.



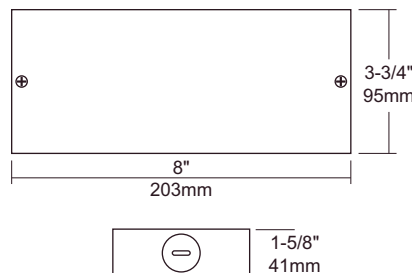
## Description

A high performance 2-wire dimming solution suitable for constant voltage (24V DC) LED fixtures.

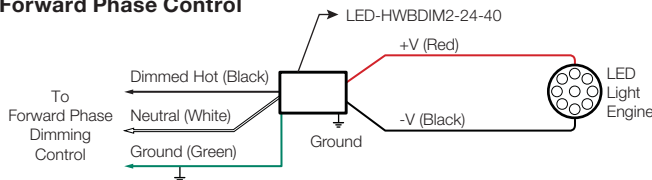
**CAVUS**  
Recognized driver

**LUTRON**

**Notes:** Not for use in outdoor applications. Accessories should be ordered separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.



## Wiring Diagram for Forward Phase Control



## Ordering Guide



**LED-HWBDIM2-24-40**  
Hardwire box with 40W 2-Wire dimmable LED driver.

## Compatible Controls

Product*	Part Number	Fixtures per Control (120V only)	Measured Light Output Range
Nova T®	NTLV-600-CPN0199	1 – 8	100% – 1%
Maestro Wireless®	MRF2-6ND-120	1 – 8	100% – 1%
RadioRA® 2 1000 W	RRD-10ND	1 – 13	100% – 1%
RadioRA® 2 Adaptive dimmer	RRD-6NA	1 – 8	100% – 1%
RadioRA® 600 W	RA-6ND	1 – 8	100% – 1%
RadioRA® 1000 W	RA-10ND	1 – 13	100% – 1%
HomeWorks® QS 600 W	HQRD-6ND	1 – 8	100% – 1%
HomeWorks® QS 1000 W	HQRD-10ND	1 – 13	100% – 1%
HomeWorks® QS Adaptive dimmer	HQRD-6NA	1 – 8	100% – 1%
HomeWorks® QS WPM	HQRJ-WPM-6D-120	1 – 10 (per output)	100% – 1%
HomeWorks® 600 W dimmer	HRD-6ND	1 – 8	100% – 1%
HomeWorks® 1000 W dimmer	HWD-10ND, HRD-10ND	1 – 13	100% – 1%
HomeWorks® WPM	HWI-WPM-6D-120	1 – 10 (per output)	100% – 1%
GRAFIK Eye® QS	QSGR-, QSGRJ-	1 – 10 (per output)	100% – 1%
GRAFIK Eye® 3000	GRX-3100, GRX-3500	1 – 10 (per output)	100% – 1%
RPM-4U Module (LCP, HomeWorks®, GRAFIK Systems™, Quantum®)	HW-RPM-4U-120, LP-RPM-4U-120	1 – 10 (per output)	100% – 1%
RPM-4A Module (LCP, HomeWorks®, GRAFIK Systems™, Quantum®)	HW-RPM-4A-120, LP-RPM-4A-120	1 – 13 (per output)	100% – 1%
GP Panels	Various	1 – 26	100% – 1%
Stanza®	SZ-6ND	1 – 8	100% – 1%

\* Supplied by Lutron.



**Notes:** For additional options please consult your Liteline representative.



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