

LED-HWBDIM3-24-40

Hardwire Box with 40W Dimmable LED 3-Wire Driver
Cabinet, Cove & Display

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

Features

Electrical Performance

- Operating voltage 120V-277V, 50/60Hz.
- 3 wire line voltage 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%.
- Consistent dimming performance with standard Lutron 3-wire LED driver controls (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 hardwiring (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® 24 volt LED lighting, including:
- LED-TP series LED tape.
 - LED-STR series LED strip.



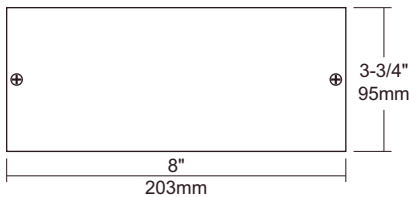
Description

A high performance 3-wire dimming solution suitable for constant voltage (24V DC) LED fixtures.

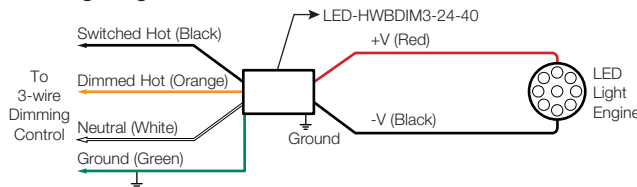

Recognized driver



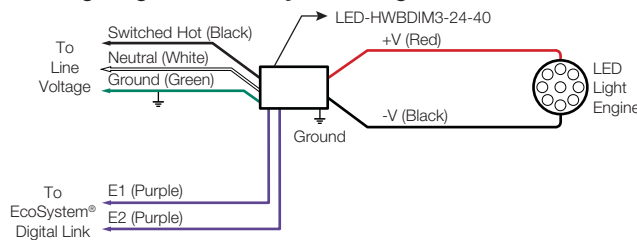
Notes: Not for use in outdoor applications. Accessories should be ordered separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Wiring Diagram for 3-Wire Control



Wiring Diagram for EcoSystem® Digital Control



Ordering Guide



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Hardwire box with 40W 3-Wire dimmable LED driver.

Compatible Controls

Product*	Part Number		Fixtures per Control†		Measured Light Output
	120 V	277 V	120 V	277 V	
Nova T®	NTF-10-	NTF-10-277-	1 – 41	1 – 44	100% – 1%
	NTF-103P-	NTF-103P-277-	1 – 20	1 – 33	100% – 1%
Nova®	NF-10-	NF-10-277-	1 – 41	1 – 44	100% – 1%
	NF-103P-	NF-103P-277-	1 – 20	1 – 33	100% – 1%
Vareo®	VF-10-		1 – 20	–	100% – 1%
Skylark®	SF-10P-	SF-12P-277-	1 – 20	1 – 33	100% – 1%
	SF-103P-	SF-12P-277-3	1 – 20	1 – 33	100% – 1%
Diva®	DVF-103P-	DVF-103P-277-	1 – 20	1 – 33	100% – 1%
	DVSCF-103P-	DVSCF-103P-277-	1 – 20	1 – 33	100% – 1%
Ariadni®	AYF-103P-	AYF-103P-277-	1 – 20	1 – 44	100% – 1%
Vierti®	VTF-6A-		1 – 15	1 – 33	100% – 1%
Maestro®	MAF-6AM-	MAF-6AM-277-	1 – 15	1 – 33	100% – 1%
	MSCF-6AM-	MSCF-6AM-277-	1 – 15	1 – 33	100% – 1%
Maestro Wireless®	MRF2-F6AN-DV-		1 – 15	1 – 33	100% – 1%
RadioTouch®	RTA-RX-F-		1 – 41	1 – 88	100% – 1%
Spacer System®	SPSF-6A-	SPSF-6A-277-	1 – 15	1 – 33	100% – 1%
	SPSF-6AM-	SPSF-6AM-277-	1 – 15	1 – 33	100% – 1%
Lyneo® Lx	LXF-103PL-	LXF-103PL-277-	1 – 20	1 – 33	100% – 1%
RadioRA® 2	RRD-F6AN-DV-		1 – 15	1 – 33	100% – 1%
HomeWorks® QS	HQRD-F6AN-DV		1 – 15	1 – 33	100% – 1%
Interfaces	PHPM-3F-120		1 – 41	–	100% – 1%
	PHPM-3F-DV		1 – 41	1 – 88	100% – 1%
	GRX-FDBI-16A		1 – 41	1 – 88	100% – 1%
PowPak™ dimming Module with EcoSystem®	RMJ-ECO32-DV-B		32 per EcoSystem link		100% – 1%
Energi Savr Node™ with EcoSystem®	QSN-1ECO-S, QSN-2ECO-S		64 per EcoSystem link		100% – 1%
GRAFIK Eye® QS with EcoSystem®	QSGRJ-_E, QSGR-_E		64 per EcoSystem link		100% – 1%
Quantum®	Various		64 per EcoSystem link		100% – 1%

† Fixtures per control value assumes a 40W fixture. Number of fixtures may be higher if wattage is less than 40W and may be lower if ganged.

* Supplied by Lutron.



Notes: For additional options please consult your Liteline representative.



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