



Bodine Dimmable Type B TLED Inverter

Leading the way in innovative design and greater ease of installation

The Bodine BTB15D is an emergency inverter designed for dimmable Type B TLED fixtures where a standard emergency driver or inverter are not compatible. The slim form factor (390mm x 58mm x 30mm) allows for simplified installation and greater flexibility. Models with and without a conduit are available.

BTB15D emergency lighting inverter works in conjunction with dimmable Type B TLED lamps to create an emergency lighting system when a standard emergency driver or inverter will not.

Dimming Application – greater ease of installation

The BTB15D features a patent pending phase-cut dimming control output similar to the same dimmers used for incandescent and some LED retrofit lamps. This dimming capability allows a lighting load with up to a 15W maximum input power to be dimmed to up to 12.5VA emergency output power.

The emergency mode output dimming voltage is automatically controlled by the BTB15D electronic circuitry to maintain up to 12.5VA output throughout the loss of AC power. The BTB15D passes the normal room switched/phase-cut AC mains during normal operation (AC mains on) so normal dimming operation of the fixture is not affected.



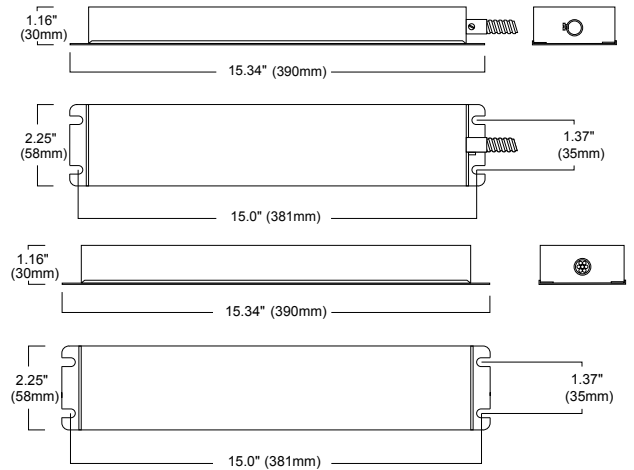
BTB15D 15W Phase-Cut Dimmable Inverter

Key Benefits

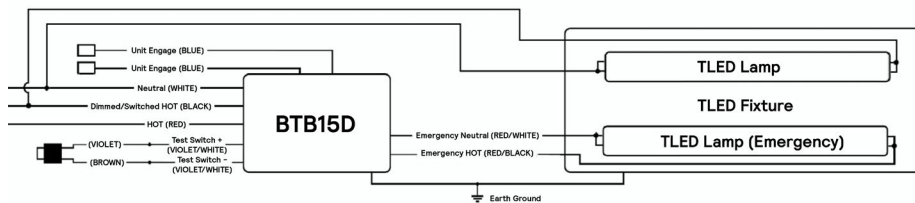
- Compatible with dimmable Type B TLED lamps (up to 15W)
- With the phase-cut dimming capability, it allows a lighting load with up to a 15W maximum input power to be dimmed to a 12.5VA maximum emergency output power.
- The small size helps simplify installation, takes up less space and provides flexibility
- The phase-cut dimming control output is similar to the same dimmers used for incandescent and some LED retrofit lamps
- Works in Type B TLED applications when a standard emergency LED driver will not
- Use in field-installed TLED Type B retro-fit luminaires or factory luminaires
- Meets California Energy Commission Title 20 efficiency requirements
- Remote mounting up to 250 feet

Dimensions

15.34" x 2.25" x 1.16" (mounting center - 15.0")
(390mm x 58mm x 30mm)



Wiring Schematic



Two Models Available

Part Number	12NC Number	Description
BTB015B2UK45L1AD1I	913702489201	Metal housing without conduit
BTB015B2UK45C1AD1I	913702489301	Metal housing with conduit

Specifications

UL Listed for US and Canada	Listed to UL924 and tested to CSA 22.2, No. 141. For Field or Factory Installation (Indoor and Damp)
Maximum Connected Load	15W
Maximum Output Power	12.5VA into load
Illumination Time	90 Minutes
AC Input Voltage and Current	120 through 277VAC, 50/60 Hz, 80 mA (charging)
Recharge Time	24 Hours
Charging Indicator Light / Test Switch	Integrated LED Test Switch
Battery	Maintenance-Free Li-ion Battery
Output Voltage, Emergency	120 VAC +/- 10%
Output Frequency	60 Hz, ± 5%
Dimming	Reverse Phase-Cut Type
Transfer Time	Up to 5 seconds
Temperature Rating (Ambient)	32° F to 113° F (0° C to 45° C)
Dimensions	15.34" L x 2.25" W x 1.16" H (390mm x 58mm x 30mm) Mount center - 15.0" (381mm)
Weight	2.72 lbs. (1.23kg)
Warranty	5 years (NOT pro-rata)

For more information, visit www.bodine.com/BTB15D



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