

PHILIPS

Emergency Inverter

TLED Inverter

PTB15D Dimmable (Type-B)



Leading the way in innovative design and greater ease of installation

Philips PTB15D is an emergency inverter designed for dimmable Type B TLED fixtures where a standard emergency driver isn't compatible. The slim form factor (15.34" x 2.25" x 1.16") allows for simplified installation and greater flexibility. Models with and without a conduit are available.

PTB15D emergency lighting Inverter works in conjunction with dimmable Type B TLED lamps to create an emergency lighting system when a standard emergency driver will not.

PTB15D 15W Phase-Cut Dimmable Inverter

Dimming Application - greater ease of installation

The PTB15D features a 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 a 12.5VA maximum emergency output power.

The emergency mode output dimming voltage is automatically controlled by the PTB15D electronic circuitry to maintain up to 12.5VA output throughout the loss of AC power. The PTB15D 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.

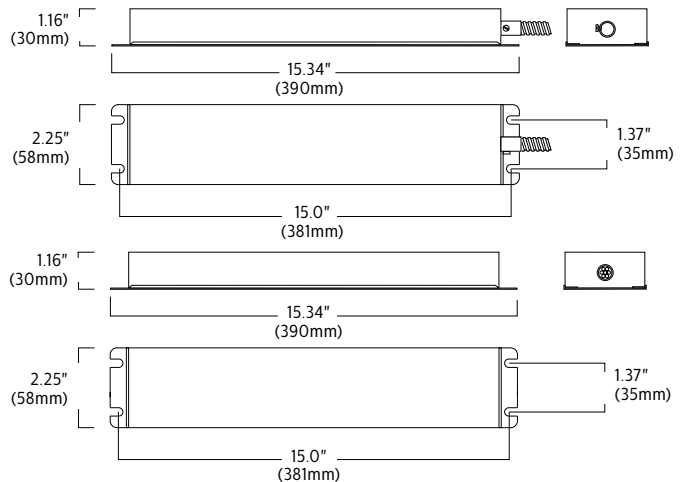


Key Benefits

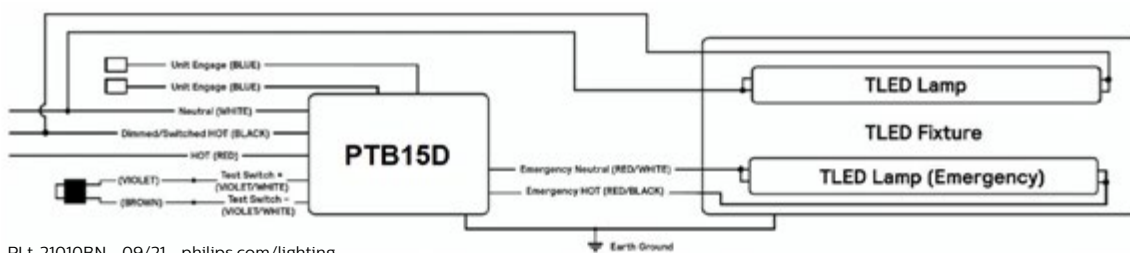
- Compatible with dimmable Type B TLED lamps (up to 15W)
- With the phase-cut dimming capability, it allows a lighting load with up to a 15W maximum input power to be dimmed to a 12.5VA maximum emergency output power
- The small size helps simplify installation, takes up less space and provides flexibility
- 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" (390mm x 58mm x 30mm) /
mounting center - 15.0" (381mm)



Wiring Schematic



PTB15D 15W Phase-Cut Dimmable Inverter

Two Models Available

Part Number	12 NC Number	Description
PTB015B2UK45L1PDI1	913702489401	Metal housing without conduit
PTB015B2UK45C1PDI1	913702489501	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)

Compatible TLEDs

6NC	Product Description	Model No.
563452	9.9T8/COR/48-835/MF15/G 10/1	9290024837
563460	9.9T8/COR/48-840/MF16/G 10/1	9290024838
563478	9.9T8/COR/48-850/MF16/G 10/1	9290024839
563486	12T8/COR/48-830/MF17/G 10/1	9290024840
563494	12T8/COR/48-835/MF17/G 10/1	9290024841
563502	12T8/COR/48-840/MF18/G 10/1	9290024842
563510	12T8/COR/48-850/MF18/G 10/1	9290024843
563528	14.5T8/COR/48-830/MF20/G 10/1	9290024844
563536	14.5T8/COR/48-835/MF20/G 10/1	9290024845
563544	14.5T8/COR/48-840/MF21/G 10/1	9290024846
563551	14.5T8/COR/48-850/MF21/G 10/1	9290024847
575480	10.5T8/MAS/48-835/MF15/P 10/1	9290023251
575498	10.5T8/MAS/48-840/MF16/P 10/1	9290023252
575506	10.5T8/MAS/48-850/MF16/P 10/1	9290023253
575514	14.5T8/MAS/48-830/MF20/P 10/1	9290023254
575522	14.5T8/MAS/48-835/MF20/P 10/1	9290023255
575530	14.5T8/MAS/48-840/MF21/P 10/1	9290023256
575548	14.5T8/MAS/48-850/MF21/P 10/1	9290023257
575555	16.9T8/MAS/48-840/MF24/P 10/1	9290024395
575563	16.9T8/MAS/48-835/MF25/P 10/1	9290024424
575571	16.9T8/MAS/48-850/MF25/P 10/1	9290024425

For more information please visit philips.com/mainsfit



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