

LED Type B T5

Ballast bypass



LED compatible replacement for linear fixtures that operate independently of ballasts.

Reasons to choose the LED Type B T5 from TCP

- Greater than 40% energy savings
- Long life: 50,000 hour rate life
- Highly durable SHATTERPROOF plastic (4, 3 and 2 foot tubes)
- Bypass Application: 120-277 line voltage
- Instant on/off
- Non-flickering
- Single End Construction
- UL rate for enclosed fixtures
- No energy losses due to fluorescent ballast

Ideal Applications

- Offices
- Retail Stores
- Schools
- Restaurants
- Lobbies
- Hospital

Specifications:

Base Types.....G5
 ConstructionSingle ended
 Wattage:..... 9W, 12W, 13W, 16W, 25W
 Minimum Starting Temperature Range:..... -22F / -30C
 Safety UL Classified
 Environment..... Damp/Dry Locations

Enclosed..... Suitable for enclosed luminaires
 Rated Life..... L70 50,000+ hours
 Beam Angle 4, 3 & 2 foot 180°
 Field Angle 4, 3 & 2 foot 280°
 Non-shunted lampholders

Specifications:

Listing

UL Classified and Component
Recognized Component ETL

Warranty

Five years against defects in manufacturing

Shatterproof PET Coated Glass



G5 base

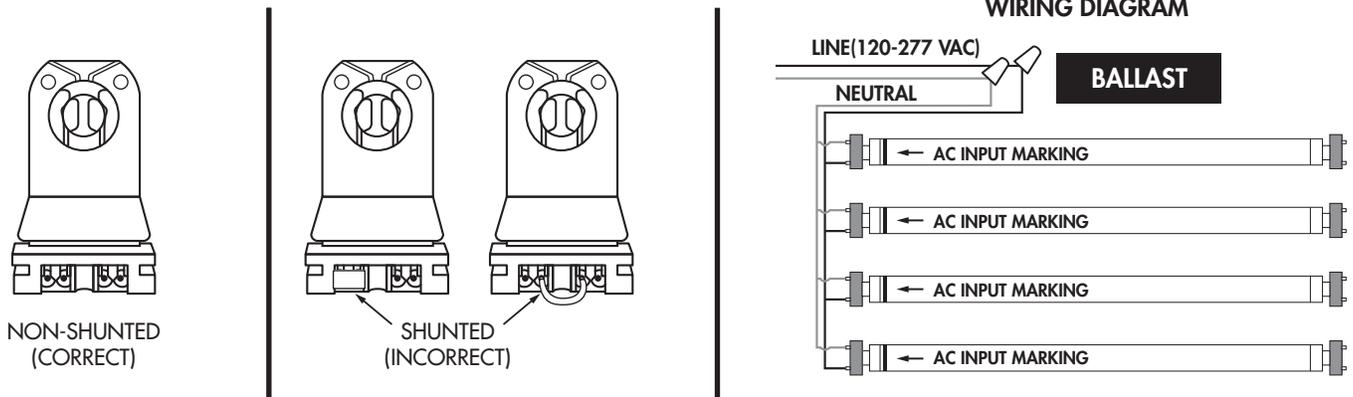
LED Ballast Bypass T5 Tubes – 4', 3' and 2'

Item#	Description	DLC QPL	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
LED 12 WATT T5 TUBE – 2 FOOT											
LT5HO12B130K	LED 12W 2' T5 BYPASS 30K SC		12	120-277V	24W	1450	120.8	G5	3000K	80	25
LT5HO12B135K	LED 12W 2' T5 BYPASS 35K SC		12	120-277V	24W	1450	120.8	G5	3500K	80	25
LT5HO12B141K	LED 12W 2' T5 BYPASS 41K SC		12	120-277V	24W	1450	120.8	G5	4100K	80	25
LT5HO12B150K	LED 12W 2' T5 BYPASS 50K SC		12	120-277V	24W	1450	120.8	G5	5000K	80	25
LED 16 WATT T5 TUBE – 3 FOOT											
LT5HO16B130K	LED 16W 3' T5 BYPASS 30K SC		16	120-277V	39W	1850	115.6	G5	3000K	80	25
LT5HO16B135K	LED 16W 3' T5 BYPASS 35K SC		16	120-277V	39W	1850	115.6	G5	3500K	80	25
LT5HO16B141K	LED 16W 3' T5 BYPASS 41K SC		16	120-277V	39W	1850	115.6	G5	4100K	80	25
LT5HO16B150K	LED 16W 3' T5 BYPASS 50K SC		16	120-277V	39W	1850	115.6	G5	5000K	80	25
LED 25 WATT T5 TUBE – 4 FOOT (DLC LOOK-UP LT5HO25B1XXK)											
LT5HO25B130K	LED 25W 4' T5 BYPASS 30K SC	*	25	120-277V	54W	3200	128.0	G5	3000K	80	25
LT5HO25B135K	LED 25W 4' T5 BYPASS 35K SC	*	25	120-277V	54W	3200	128.0	G5	3500K	80	25
LT5HO25B141K	LED 25W 4' T5 BYPASS 41K SC	*	25	120-277V	54W	3200	128.0	G5	4100K	80	25
LT5HO25B150K	LED 25W 4' T5 BYPASS 50K SC	*	25	120-277V	54W	3200	128.0	G5	5000K	80	25
LED 9 WATT T5 TUBE – 2 FOOT											
LT5HE09B130K	LED 9W 2' T5 BYPASS 30K SC		9	120-277V	14W	1100	127.7	G5	3000K	80	25
LT5HE09B135K	LED 9W 2' T5 BYPASS 35K SC		9	120-277V	14W	1100	127.7	G5	3500K	80	25
LT5HE09B141K	LED 9W 2' T5 BYPASS 41K SC		9	120-277V	14W	1150	127.7	G5	4100K	80	25
LT5HE09B150K	LED 9W 2' T5 BYPASS 50K SC		9	120-277V	14W	1200	127.7	G5	5000K	80	25

LED Ballast Bypass T5 Tubes – 4', 3' and 2'

Item#	Description	DLC QPL	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
LED 12 WATT T5 TUBE – 3 FOOT											
LT5HE12B130K	LED 12W 3' T5 BYPASS 30K SC		12	120-277V	21W	1350	112.5	G5	3000K	80	25
LT5HE12B135K	LED 12W 3' T5 BYPASS 35K SC		12	120-277V	21W	1350	112.5	G5	3500K	80	25
LT5HE12B141K	LED 12W 3' T5 BYPASS 41K SC		12	120-277V	21W	1350	112.5	G5	4100K	80	25
LT5HE12B150K	LED 12W 3' T5 BYPASS 50K SC		12	120-277V	21W	1350	112.5	G5	5000K	80	25
LED 13 WATT T5 TUBE – 4 FOOT (DLC LOOK-UP LT5HE13B1XXK)											
LT5HE13B130K	LED 13W 4' T5 BYPASS 30K SC	*	13	120-277V	28W	1650	126.9	G5	3000K	80	25
LT5HE13B135K	LED 13W 4' T5 BYPASS 35K SC	*	13	120-277V	28W	1650	126.9	G5	3500K	80	25
LT5HE13B141K	LED 13W 4' T5 BYPASS 41K SC	*	13	120-277V	28W	1650	126.9	G5	4100K	80	25
LT5HE13B150K	LED 13W 4' T5 BYPASS 50K SC	*	13	120-277V	28W	1650	130.7	G5	5000K	80	25

Inspect lamp holders, ballast, and wiring to ensure these lamp holders are NON SHUNTED LAMP HOLDERS. TCP LiberaT5 Series lamps do not require a ballast to operate. They have an internal LED driver that operates on 120-277V. These tubes require power to only one end of the fixture, called the “power” side. The TCP LiberaT5 lamp is clearly marked at one end to signify power end. This must be installed in “power” end. The lamp holders (or tombstones) must be non-shunted as the power flows through the LED T5 tube. (Shunt means “an electrical conductor joining two points of a circuit, through which more or less of a current may be diverted”). Both “power” end and opposite end must both have unshunted tombstones. The “opposite” end acts as simply a mechanical holder with TCP LED LiberaT5 lamps.



For the most up-to-date specs and warranty information, please visit www.tcp.com

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