



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 compared to fluorescent
- Long life: 50,000 hour rated life
- Shatterproof Glass
- Bypass Application: 120-277 line voltage
- Instant on/off
- Non-flickering
- Single End and Double End Construction
- UL rated for enclosed fixtures
- No energy losses due to fluorescent ballast

Ideal Applications

- Offices
- Retail Stores
- Schools
- Restaurants
- Lobbies
- Hospitals

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..... Single End Tubes
 Non-shunted or Shunted..... Double End Tubes

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 LT5H025B1XXK)											
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 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

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

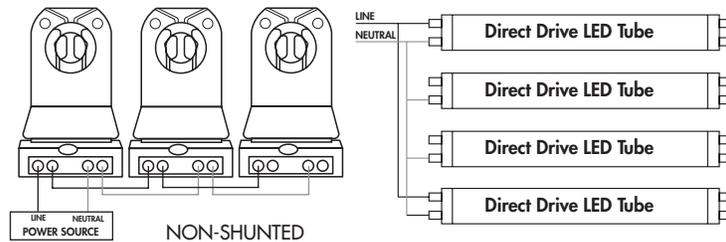
Item#	Description	DLC QPL	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
LT5HE12B141K	LED 12W 3' T5 BYPASS 41K SC		12	120-277V	21W	1350	112.5	G5	4100K	80	25
LT5HE12B150K	LED 12W 3' T5 BYPASS 50K SC		12	120-277V	21W	1350	112.5	G5	5000K	80	25
LED 13 WATT T5 TUBE – 4 FOOT (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

LED Ballast Bypass Double End T5 Tubes – 4'

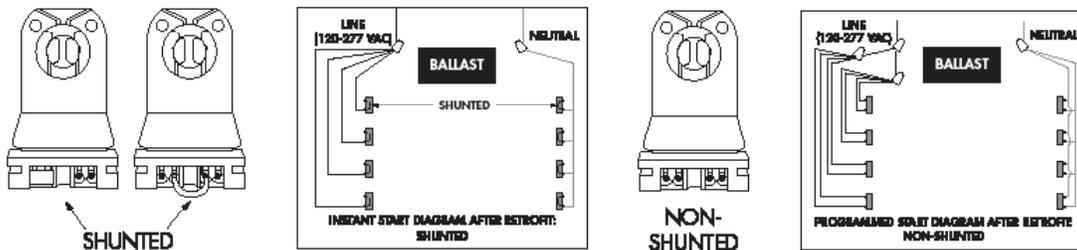
Item#	Description	DLC QPL	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
LED 25 WATT T5 TUBE – 4 FOOT (DLC LOOK-UP LT5HO25B2XXK)											
LT5HO25B241K	LED 25W 4' T5 BY 2E 41K SC	*	25	120-277V	54W	3300	132.0	G5	4100K	80	25
LT5HO25B250K	LED 25W 4' T5 BY 2E 50K SC	*	25	120-277V	54W	3400	136.0	G5	5000K	80	25

Wiring Diagrams:

Single Ended Wiring



Double Ended Wiring



Complete instructions tcp.com / Business Resources / Business Resource Center

Emergency Ballasts Compatible with LED LiberaT5™

- Bodine - ELS-20
- Bodine - ELS-100
- IOTA - ILBLP CP30 HE SD HV

TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit tcp.com

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