



Liberal8TM
LED



BALLAST BYPASS

LED Type B T8

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

Limitless Options
for the following applications:

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



5 YEAR
WARRANTY

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LED LiberaT8™ Tubes

Features and Benefits

>40% energy savings
Long life: 50,000
Bypass Application: 120-277 line voltage
Instant on/off
Non-flickering
Double ended construction
Shunted or non-shunted lampholders
UL rated for enclosed fixtures
No energy losses due to fluorescent ballast
Can be wired single ended

Specifications

Base Types: G13
Construction: Double ended
Wattage: 13.5w, 15w, 19w, 22w, 25w
Minimum starting temperature range: -22F / -30C
Safety: UL Classified and ETL Classified
Environment: Damp/dry locations
Enclosed: Suitable for enclosed luminaires
Rated life: L70 50,000+ hours
Beam Angle: 190°
Field Angle: 300°

Listing

UL Classified
Recognized Component ETL

Warranty

Five years against defects in manufacturing

Shatterproof PET Coated Glass

4 foot



G5 base

All Glass

4 foot



G5 base

Plastic

4 foot



G5 base



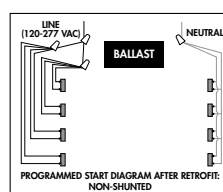
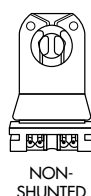
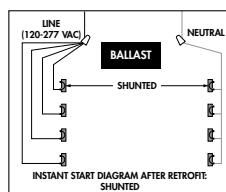
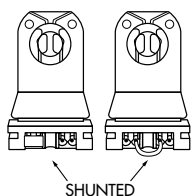
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5 YEAR WARRANTY

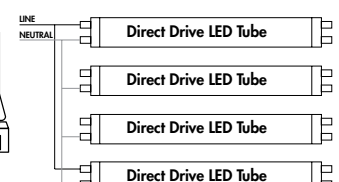
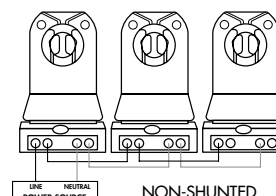


To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.

Double Ended Wiring



Single Ended Wiring





LED Ballast Bypass Double Ended T8 Tubes

Item#	Description	DLC	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
ALL GLASS											
LED 13.5 WATT ALL GLASS T8 TUBE – 4 FOOT (BULK PACK)										COMING SOON	
LT813B230KBP	LED 13.5W 4' T8 2E BYPASS 30K (BULK PACK)		13.5	120-277V	32W	1800	133.3	G13	3000K	80	25
LT813B235KBP	LED 13.5W 4' T8 2E BYPASS 35K (BULK PACK)		13.5	120-277V	32W	1800	133.3	G13	3500K	80	25
LT813B241KBP	LED 13.5W 4' T8 2E BYPASS 41K (BULK PACK)		13.5	120-277V	32W	1900	140.7	G13	4100K	80	25
LT813B250KBP	LED 13.5W 4' T8 2E BYPASS 50K (BULK PACK)		13.5	120-277V	32W	2000	148.1	G13	5000K	80	25
LED 15.5 WATT ALL GLASS T8 TUBE – 4 FOOT (DLC LOOK UP T80415XXE)											
LT815B230K	LED 15.5W 4' T8 2E BYPASS 30K	★	15	120-277V	32W	1850	123.3	G13	3000K	80	25
LT815B235K	LED 15.5W 4' T8 2E BYPASS 35K	★	15	120-277V	32W	1900	126.6	G13	3500K	80	25
LT815B241K	LED 15.5W 4' T8 2E BYPASS 41K	★	15	120-277V	32W	1950	130	G13	4100K	80	25
LT815B250K	LED 15.5W 4' T8 2E BYPASS 50K	★	15	120-277V	32W	2000	133.3	G13	5000K	80	25
LED 15 WATT ALL GLASS T8 TUBE – 4 FOOT (DLC LOOK UP T80407XXE)											
T8040730EBP	4' GLASS LED T8 Type B DE 30K (BULK PACK)	★	15	120-277V	32W	1750	114.8	G13	3000K	80	25
T8040735EBP	4' GLASS LED T8 Type B DE 35K (BULK PACK)	★	15	120-277V	32W	1800	118.0	G13	3500K	80	25
T8040741EBP	4' GLASS LED T8 Type B DE 41K (BULK PACK)	★	15	120-277V	32W	1850	121.3	G13	4100K	80	25
T8040750EBP	4' GLASS LED T8 Type B DE 50K (BULK PACK)	★	15	120-277V	32W	1850	121.3	G13	5000K	80	25
LED 19 WATT ALL GLASS T8 TUBE – 4 FOOT (DLC LOOK UP T80454XXE)										COMING SOON	
LT819B241K	LED 19W 4' T8 2E BYPASS 41K SC	★	19	120-277V	32W	2500	131.5	G13	4100K	80	25
LT819B250K	LED 19W 4' T8 2E BYPASS 50K SC	★	19	120-277V	32W	2500	131.5	G13	5000K	80	25
LED 22 WATT ALL GLASS T8 TUBE – 4 FOOT (DLC LOOK UP T80417XXE)										COMING SOON	
LT822B241K	LED 22W 4' T8 2E BYPASS 41K SC	★	22	120-277V	32W	2900	131.8	G13	4100K	80	25
LT822B250K	LED 22W 4' T8 2E BYPASS 50K SC	★	22	120-277V	32W	2900	131.8	G13	5000K	80	25
LED 25 WATT ALL GLASS T8 TUBE – 4 FOOT										COMING SOON	
LT825B241K	LED 25W 4' T8 2E BYPASS 41K SC		25	120-277V	32W	3200	128	G13	4100K	80	25
LT825B250K	LED 25W 4' T8 2E BYPASS 50K SC		25	120-277V	32W	3200	128	G13	5000K	80	25
PLASTIC											
LED 15 WATT PLASTIC T8 TUBE – 4 FOOT (BULK PACK) (DLC LOOK UP T80414XXE)											
T8041430EBP	4' PLASTIC LED T8 Type B DE 30K (BULK PACK)	★	15	120-277V	32W	1750	114.8	G13	3000K	80	25
T8041435EBP	4' PLASTIC LED T8 Type B DE 35K (BULK PACK)	★	15	120-277V	32W	1800	118	G13	3500K	80	25
T8041441EBP	4' PLASTIC LED T8 Type B DE 41K (BULK PACK)	★	15	120-277V	32W	1800	118	G13	4100K	80	25
T8041450EBP	4' PLASTIC LED T8 Type B DE 50K (BULK PACK)	★	15	120-277V	32W	1850	121.3	G13	5000K	80	25



LED Ballast Bypass Double Ended T8 Tubes (cont.)

Item#	Description	DLC	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
PET COATED GLASS											
LED 9 WATT PET COATED GLASS T8 TUBE – 2 FOOT (DLC LOOK UP L9T8BY50XXK)											
L9T8BY5030K	LED 9W 2' T8 BYPASS 30K	★	9	120-277V	17W	1125	125	G13	3000K	80	25
L9T8BY5035K	LED 9W 2' T8 BYPASS 35K	★	9	120-277V	17W	1125	125	G13	3500K	80	25
L9T8BY5041K	LED 9W 2' T8 BYPASS 41K	★	9	120-277V	17W	1200	133.3	G13	4100K	80	25
L9T8BY5050K	LED 9W 2' T8 BYPASS 50K	★	9	120-277V	17W	1250	138.8	G13	5000K	80	25
LED 12 WATT PET COATED GLASS T8 TUBE – 3 FOOT											
L12T8BY5030K	LED 12W 3' T8 BYPASS 30K		12	120-277V	25W	1200	100	G13	3000K	80	25
L12T8BY5035K	LED 12W 3' T8 BYPASS 35K		12	120-277V	25W	1200	100	G13	3500K	80	25
L12T8BY5041K	LED 12W 3' T8 BYPASS 41K		12	120-277V	25W	1200	100	G13	4100K	80	25
L12T8BY5050K	LED 12W 3' T8 BYPASS 50K		12	120-277V	25W	1200	100	G13	5000K	80	25
LED 13 WATT PET COATED GLASS T8 TUBE – 4 FOOT (DLC LOOK UP L13T8BY50XXK)											
L13T8BY5030K	LED 13.5W 4' T8 BYPASS 30K	★	13.5	120-277V	32W	1800	133.3	G13	3000K	80	25
L13T8BY5035K	LED 13.5W 4' T8 BYPASS 35K	★	13.5	120-277V	32W	1800	133.3	G13	3500K	80	25
L13T8BY5041K	LED 13.5W 4' T8 BYPASS 41K	★	13.5	120-277V	32W	1900	140.7	G13	4100K	80	25
L13T8BY5050K	LED 13.5W 4' T8 BYPASS 50K	★	13.5	120-277V	32W	2000	148.1	G13	5000K	80	25
LED 19 WATT PET COATED GLASS T8 TUBE – 4 FOOT (DLC LOOK UP T80454XXE) COMING SOON											
LPT819B230K	LED 19W 4' T8 2E BYPASS 30K SC		19	120-277V	32W	2500	131.5	G13	3000K	80	25
LPT819B235K	LED 19W 4' T8 2E BYPASS 35K SC	★	19	120-277V	32W	2500	131.5	G13	3500K	80	25
LPT819B241K	LED 19W 4' T8 2E BYPASS 41K SC	★	19	120-277V	32W	2500	131.5	G13	4100K	80	25
LPT819B250K	LED 19W 4' T8 2E BYPASS 50K SC	★	19	120-277V	32W	2500	131.5	G13	5000K	80	25
LED 22 WATT PET COATED GLASS T8 TUBE – 4 FOOT (DLC LOOK UP T80417XXE) COMING SOON											
LPT822B230K	LED 22W 4' T8 2E BYPASS 30K SC		22	120-277V	32W	2900	131.8	G13	3000K	80	25
LPT822B235K	LED 22W 4' T8 2E BYPASS 35K SC	★	22	120-277V	32W	2900	131.8	G13	3500K	80	25
LPT822B241K	LED 22W 4' T8 2E BYPASS 41K SC	★	22	120-277V	32W	2900	131.8	G13	4100K	80	25
LPT822B250K	LED 22W 4' T8 2E BYPASS 50K SC	★	22	120-277V	32W	2900	131.8	G13	5000K	80	25
LED 25 WATT PET COATED GLASS T8 TUBE – 4 FOOT COMING SOON											
LPT825B230K	LED 25W 4' T8 2E BYPASS 30K SC		25	120-277V	54W	3200	128.0	G13	3000K	80	25
LPT825B235K	LED 25W 4' T8 2E BYPASS 35K SC		25	120-277V	54W	3200	128.0	G13	3500K	80	25
LPT825B241K	LED 25W 4' T8 2E BYPASS 41K SC		25	120-277V	54W	3200	128.0	G13	4100K	80	25
LPT825B250K	LED 25W 4' T8 2E BYPASS 50K SC		25	120-277V	54W	3200	128.0	G13	5000K	80	25

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APPLIES TO ALL TUBES ON THIS PAGE