TCP

LiberaT8™ LED

BALLAST BYPASS

LED LiberaT8™ Tubes

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

Limitless Options
for the following applications:

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

c UL us · CLASSIFIED c UL us · RECOGNIZED COMPONENT ETL Intertek 4005203 · 5 YEAR WARRANTY

CONFORMS TO NSF STD. 2

we know light.™

LED LiberaT8™ Tubes

Features and Benefits

>40% energy savings
Long life: 50,000
Bypass Application: 120-277 line voltage
Instant on/off
Double ended construction for safety
Shunted or non-shunted lampholders
Highly durable SHATTERPROOF plastic (4, 3 and 2 foot tubes)
UL rated for enclosed fixtures
No energy losses due to fluorescent ballast

SHATTERPROOF PLASTIC

4 foot

3 foot

2 foot

G13 base

Specifications

Base Types: G13, R17d, Fa8
Construction: Double ended
Wattage: 9w, 12w, 13.5w, 43w
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 190° / 8 foot 230°
Field Angle: 4, 3 & 2 foot 300° / 8 foot 330°

GLASS

8 foot
R17d base

8 foot
Fa8 base

Listing

UL Classified
Recognized Component ETL

RECOGNIZED COMPONENT
Intertek
4005203

CONFORMS TO NSF STD. 2

Warranty

Five years against defects in manufacturing

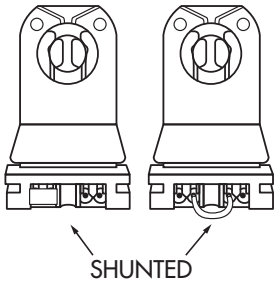
5 YEAR WARRANTY

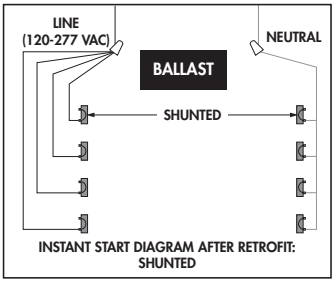
To view our DLC qualifed products, please consult the DLC Qualifed Products List.

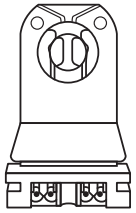
LED LiberaT8™ Tubes

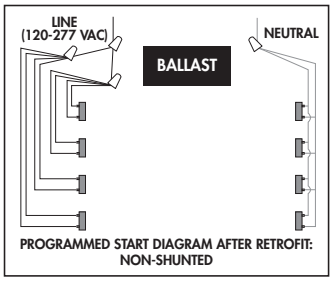
LED Ballast Bypass T8 Tubes – 4', 3' and 2'

Item#	Description	DLC QPL	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
LED 13.5 WATT T8 TUBE – 4 FOOT G13 BASE											
L13T8BY5030K	LED 13.5W Ballast Bypass 4' T8 30K	*	13.5	120-277V AC	32W	1800	133.3	G13	3000K	80	25
L13T8BY5035K	LED 13.5W Ballast Bypass 4' T8 35K	*	13.5	120-277V AC	32W	1800	133.3	G13	3500K	80	25
L13T8BY5041K	LED 13.5W Ballast Bypass 4' T8 41K	*	13.5	120-277V AC	32W	1900	140.7	G13	4100K	80	25
L13T8BY5050K	LED 13.5W Ballast Bypass 4'T8 50K	*	13.5	120-277V AC	32W	2000	148.1	G13	5000K	80	25
LED 12 WATT T8 TUBE – 3 FOOT G13 BASE											
L12T8BY5030K	LED 12W Ballast Bypass 3' T8 30K		12	120-277V AC	25W	1200	100.0	G13	3000K	80	25
L12T8BY5035K	LED 12W Ballast Bypass 3' T8 35K		12	120-277V AC	25W	1200	100.0	G13	3500K	80	25
L12T8BY5041K	LED 12W Ballast Bypass 3' T8 41K		12	120-277V AC	25W	1200	100.0	G13	4100K	80	25
L12T8BY5050K	LED 12W Ballast Bypass 3' T8 50K		12	120-277V AC	25W	1200	100.0	G13	5000K	80	25
LED 9 WATT T8 TUBE – 2 FOOT G13 BASE											
L9T8BY5030K	LED 9W Ballast Bypass 2' T8 30K	*	9	120-277V AC	17W	1125	125.0	G13	3000K	80	25
L9T8BY5035K	LED 9W Ballast Bypass 2' T8 35K	*	9	120-277V AC	17W	1125	125.0	G13	3500K	80	25
L9T8BY5041K	LED 9W Ballast Bypass 2' T8 41K	*	9	120-277V AC	17W	1200	133.3	G13	4100K	80	25
L9T8BY5050K	LED 9W Ballast Bypass 2' T8 50K	*	9	120-277V AC	17W	1250	138.8	G13	5000K	80	25







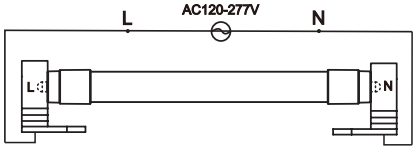


LED Ballast Bypass T8 Tubes – 8'

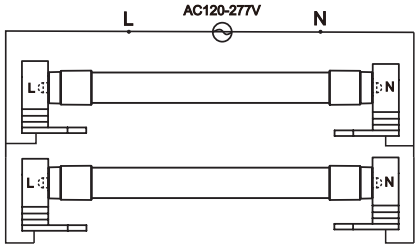
Item#	Description	DLC QPL	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Bulk Pack
LED 43 WATT T8 TUBE – 8 FOOT R17D BASE											
LT8R43B230KBP	LED 43W 8' T8 R17d DE BY 30K		43	120-277V AC	75W	5100	118.6	R17d	3000K	80	10
LT8R43B235KBP	LED 43W 8' T8 R17d DE BY 35K		43	120-277V AC	75W	5500	127.9	R17d	3500K	80	10
LT8R43B240KBP	LED 43W 8' T8 R17d DE BY 40K		43	120-277V AC	75W	5500	127.9	R17d	4100K	80	10
LT8R43B250KBP	LED 43W 8' T8 R17d DE BY 50K		43	120-277V AC	75W	5500	127.9	R17d	5000K	80	10
LED 43 WATT T8 TUBE – 8 FOOT FA8 BASE											
LT8F43B230KBP	LED 43W 8' T8 Fa8 DE BY 30K		43	120-277V AC	75W	5100	118.6	Fa8	3000K	80	10
LT8F43B235KBP	LED 43W 8' T8 Fa8 DE BY 35K	*	43	120-277V AC	75W	5500	127.9	Fa8	3500K	80	10
LT8F43B240KBP	LED 43W 8' T8 Fa8 DE BY 40K	*	43	120-277V AC	75W	5500	127.9	Fa8	4100K	80	10
LT8F43B250KBP	LED 43W 8' T8 Fa8 DE BY 50K	*	43	120-277V AC	75W	5500	127.9	Fa8	5000K	80	10

Wiring Instructions – Electronic Ballast

RETROFIT LUMINAIRE WITH 1 LAMP



RETROFIT LUMINAIRE WITH 2 LAMPS



Wiring Instructions – Magnetic Ballast

RETROFIT LUMINAIRE MAGNETIC BALLAST