

TGL Xcaliber T8 Bypass LED Tubes - Technical Specifications

Type	Model Number	Voltage (V)	Watts (W)	Lumen LM	Colour Temp	Beam Angle	CRI	Rated Life (Hours)	LM/W	UL/ETL	Energy Star/DLC
4FT T8	TGL-VBP4FT-9.8W-850	120-347V	9.8W	1700	5000K	330	80	50,000	173	CUL	DLC
4FT T8	TGL-VBP4FT-9.8W-840	120-347V	9.8W	1700	4000K	330	80	50,000	173	CUL	DLC
4FT T8	TGL-VBP4FT-9.8W-835	120-347V	9.8W	1700	3500K	330	80	50,000	173	CUL	DLC
3FT T8	TGL-VBP3FT-12W-850	120-347V	12W	1600	5000K	330	80	50,000	133	CUL	DLC
3FT T8	TGL-VBP3FT-12W-840	120-347V	12W	1600	4000K	330	80	50,000	133	CUL	DLC
3FT T8	TGL-VBP3FT-12W-835	120-347V	12W	1600	3500K	330	80	50,000	133	CUL	DLC
2FT T8	TGL-VBP2FT-7W-850	120-347V	7W	950	5000K	330	80	50,000	136	CUL	DLC
2FT T8	TGL-VBP2FT-7W-840	120-347V	7W	950	4000K	330	80	50,000	136	CUL	DLC
2FT T8	TGL-VBP2FT-7W-835	120-347V	7W	950	3500K	330	80	50,000	136	CUL	DLC
4FT T8HO	TGL-VBP4FT-15W-850	120-347V	15W	2200	5000K	330	80	50,000	147	CUL	DLC
4FT T8HO	TGL-VBP4FT-15W-840	120-347V	15W	2200	4000K	330	80	50,000	147	CUL	DLC
4FT T8HO	TGL-VBP4FT-15W-835	120-347V	15W	2200	3500K	330	80	50,000	147	CUL	DLC



**High Efficiency 173 LM/W Bypass Tubes
Eliminate Ballast Maintenance Costs**



Maximum Safety

Maximum Efficiency

**High Efficiency design with Advanced Safety Features
Unmatched Efficiency - Over 65% Energy Savings**



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Maximize Energy & Maintenance Cost Savings

- World Class High Efficiency 173 Lumen per watt LED Chips and our 120-347V internal driver operates directly on line voltage Type B and does not require a ballast to operate making it one of the most energy efficient bypass tubes on the market today.
- Energy Savings of over 65% versus T8 Fluorescent lamps provides paybacks under 1yr in 7/24 areas.
- Xcaliber LED tube also **eliminates the energy consumption** of the ballast and **maintenance costs** of changing ballasts in the future,

Advanced Safety Features

Internal Safety Switch

Provides safety to installers by cutting power until both ends of the tube are engaged.

Protection for Unintended Use

If the tube is installed into a fixture with a ballast the tube will detect the ballast and safely power down.

TGL Thundershock™

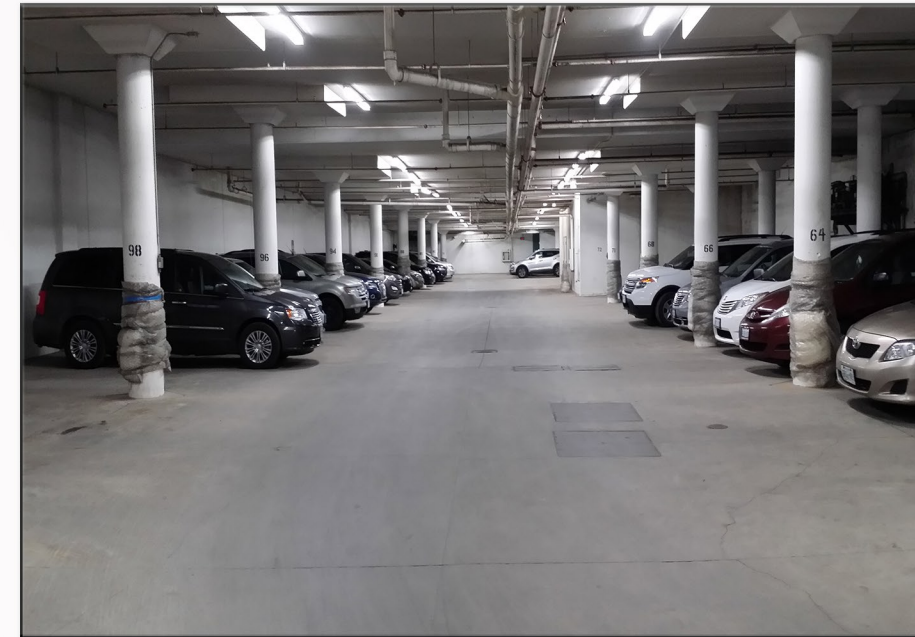
Protects from overheating due to power surges and electrical arcing from sockets. If tubes overheats then it will power off, then resumes function once its cool.

Fire Proof Construction

Fire proof frosted glass and PC Endcaps.



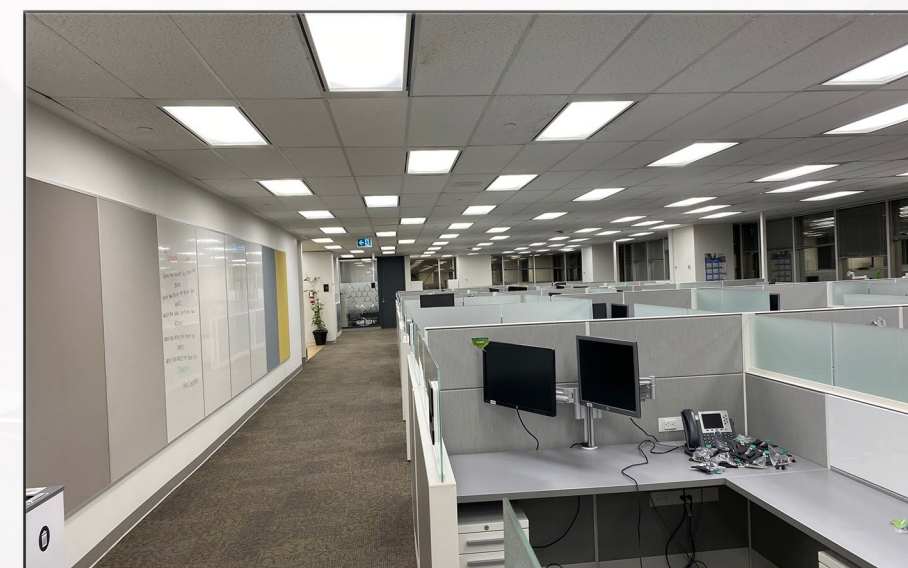
Reduce Maintenance on LED Upgrades Underground Parking



LED retrofit saves energy and eliminates electrical work needed for maintenance of ballasts.

- Raise light levels
- Improve Colour visibility
- Great for security cameras
- Works Perfectly in Cold weather
- Vibration Proof
- No bulb changes 5yrs Guaranteed
- Energy & Maintenance Savings

Amazing Energy Savings and paybacks (Offices)



Improve aesthetics while saving energy and reducing maintenance costs.

- No Pulsing
- No Flickering
- Reduce Eye Strain
- Sharpen colour visibility
- Save over 65% vs T8 Fluorescent
- Great paybacks