

TGL Premium T8 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	PREM-12W-4FT-500K	120-347V	12W	1800	5000K	120	80	50,000	160	ETL	DLC
4FT T8	PREM-12W-4FT-410K	120-347V	12W	1800	4100K	120	80	50,000	160	ETL	DLC
4FT T8	PREM-12W-4FT-350K	120-347V	12W	1750	3500K	120	80	50,000	145	ETL	DLC
3FT T8	TGL-14W-3FT-500K	120-347V	14W	1600	5000K	120	80	50,000	114	ETL	LDL
3FT T8	TGL-14W-3FT-410K	120-347V	14W	1550	4100K	120	80	50,000	111	ETL	LDL
3FT T8	TGL-14W-3FT-350K	120-347V	14W	1500	3500K	120	80	50,000	107	ETL	LDL
2FT T8	TGL-9W-2FT-500K	120-347V	9W	990	5000K	120	80	50,000	110	ETL	DLC
2FT T8	TGL-9W-2FT-410K	120-347V	9W	850	4100K	120	80	50,000	94	ETL	DLC
2FT T8	TGL-9W-2FT-350K	120-347V	9W	770	3500K	120	80	50,000	86	ETL	DLC

Performance According to Ballast Factor

Model Number	Bare Lamp			Avg. System (Lamp + T8 Balast)			Lumen Output		
	Low	Normal	High	Low	Normal	High	Low	Normal	High
	.78	.88	1.18	.78	.88	1.18	.78	.88	1.18
4FT PREM-12W-4FT-500K	9.9	11	12.1	10.8	12	13.2	1620	1800	1980
4FT PREM-12W-4FT-410K	9.9	11	12.1	10.8	12	13.2	1620	1800	1980
4FT PREM-12W-4FT-350K	9.9	11	12.1	10.8	12	13.2	1570	1750	1910
3FT TGL-14W-3FT-500K	10	12	14	12	14	16	1360	1600	1820
3FT TGL-14W-3FT-410K	10	12	14	12	14	16	1320	1550	1750
3FT TGL-14W-3FT-350K	10	12	14	12	14	16	1290	1500	1700
2FT TGL-9W-2FT-500K	7	7.9	10.6	8	9	12.1	891	990	1168
2FT TGL-9W-2FT-410K	7	7.9	10.6	8	9	12.1	750	850	1150
2FT TGL-9W-2FT-350K	7	7.9	10.6	8	9	12.1	690	770	1030



TGL Inc. 2370 Meadowvale Blvd., Unit 4 Mississauga ON L5N 5P9
Tel: 416-855-3842 www.thinkgreenled.com



Premium High Efficiency Commercial Grade LED Tubes



Safe

Energy Efficient

Reliable

High Efficiency Driverless Design
Unmatched Efficiency - Over 63% Energy Savings vs. T8

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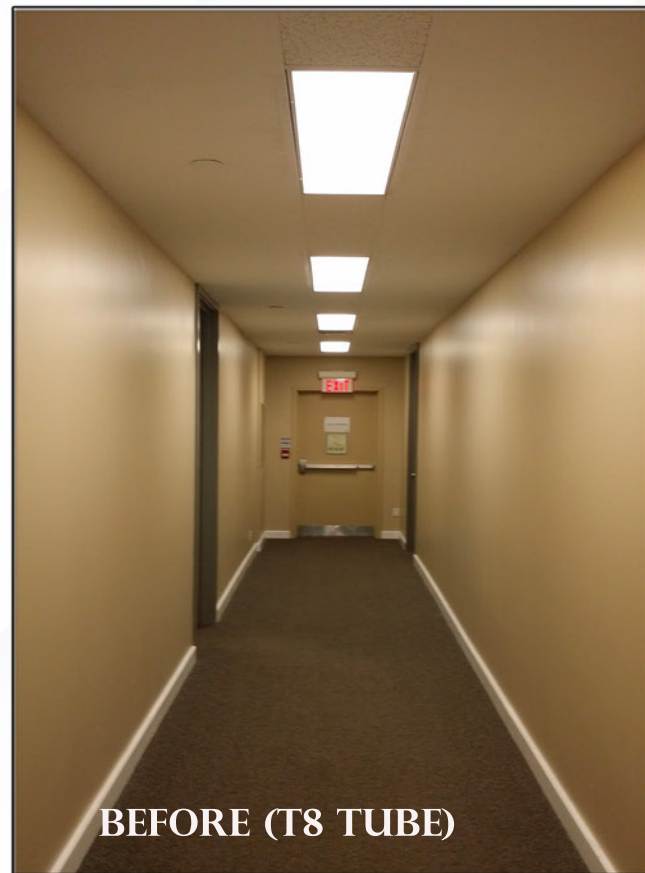
Maximize Energy Savings with Next Generation Technology

- World Class High Efficiency LED Chips integrated with *AC Direct™* driverless design results in one of the **MOST ENERGY EFFICIENT LED tubes** on the market today.
- Energy Savings of over 63% versus T8 Fluorescent lamps provides paybacks under 1yr in 7/24 areas

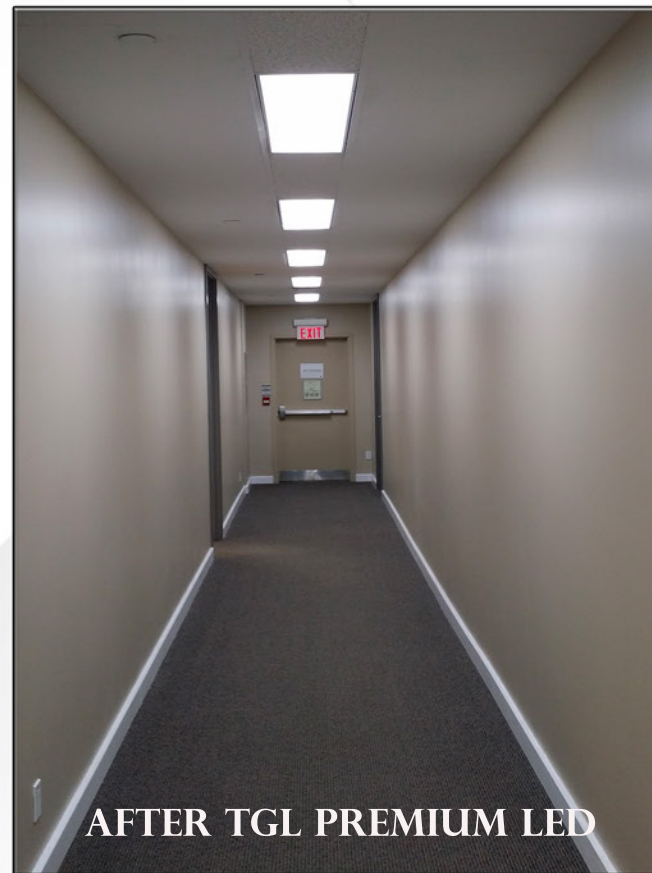
Commercial Grade Design for Safety & Reliability

- AC-Direct™* technology allows Direct Replacement into T8 Fixtures at 120V to 347V.
- No electrical wiring needed, works with existing T8 instant start electronic ballast.
- Industrial Grade Premium quality construction made to withstand the toughest electrical conditions

IMPROVE LIGHTING LEVELS



BEFORE (T8 TUBE)



AFTER TGL PREMIUM LED

EASY LED UPGRADE UNDERGROUND PARKING



TGL PREMIUM LED

T8 TUBE

Quick cost effective LED retrofit with no electrical work needed.

- 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
- Payback of .77yrs for 7/24 hr underground parking garages.

AMAZING ENERGY SAVINGS AND PAYBACKS (OFFICES)



Lighting Output allows reduction in energy and number of T8 tubes

Save over 63% vs. T8 Fluorescent

- No Pulsing
- No Flickering
- Maintain Even Light Levels
- Great for reducing eye strain
- Sharpen colour visibility