



# T8 LED TUBE LIGHTS

INFORMATION AND SPECIFICATIONS



# FEATURES AND BENEFITS

- Direct replacement of conventional T8 bulbs
- LED life of 50,000 hours of continuous operation
- No hazardous Mercury or Lead - environmentally friendly
- No moving parts - shock and vibration resistant
- Major reduction in operating costs
- Very low heat generation
- No fluorescent flickering
- Durable, shatter proof protective lighting
- Internal power supply with high power factor and low harmonic current

## OPTIONS

### 4 FOOT - 12 W

**PART#** EGT-T8-3K-12-O (3000K - OPAQUE LENS)  
EGT-T8-4K-12-O (4000K - OPAQUE LENS)  
EGT-T8-5K-12-O (5000K - OPAQUE LENS)  
EGT-T8-3K-12-C (3000K - CLEAR LENS)  
EGT-T8-4K-12-C (4000K - CLEAR LENS)  
EGT-T8-5K-12-C (5000K - CLEAR LENS)

### 4 FOOT - 20 W

**PART#** EGT-T8-3K-20-O (3000K - OPAQUE LENS)  
EGT-T8-4K-20-O (4000K - OPAQUE LENS)  
EGT-T8-5K-20-O (5000K - OPAQUE LENS)  
EGT-T8-3K-20-C (3000K - CLEAR LENS)  
EGT-T8-4K-20-C (4000K - CLEAR LENS)  
EGT-T8-5K-20-C (5000K - CLEAR LENS)

### 4 FOOT - 20 W - DIMABLE

**PART#** EGT-T8-3K-20-O-D (3000K - OPAQUE LENS)  
EGT-T8-4K-20-O-D (4000K - OPAQUE LENS)  
EGT-T8-5K-20-O-D (5000K - OPAQUE LENS)  
EGT-T8-3K-20-C-D (3000K - CLEAR LENS)  
EGT-T8-4K-20-C-D (4000K - CLEAR LENS)  
EGT-T8-5K-20-C-D (5000K - CLEAR LENS)

### 8 FOOT - 40 W

**PART#** EGT-T8-3K-40-O (3000K - OPAQUE LENS)  
EGT-T8-4K-40-O (4000K - OPAQUE LENS)  
EGT-T8-5K-40-O (5000K - OPAQUE LENS)  
EGT-T8-3K-40-C (3000K - CLEAR LENS)  
EGT-T8-4K-40-C (4000K - CLEAR LENS)  
EGT-T8-5K-40-C (5000K - CLEAR LENS)

# ENERGY SAVINGS AND OPERATING COSTS

## COST TO RUN PER BULB

Day (12H)  
Month  
Year

### FLORESCENT (32W)

\$0.04  
\$1.16  
\$14.16

### T8 LED (12W)

**\$0.01**  
**\$0.44**  
**\$5.31**

### FLORESCENT (40W)

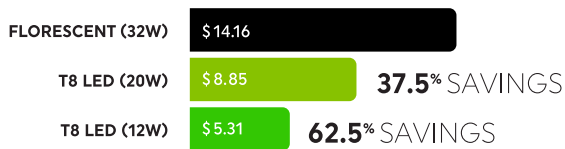
\$0.05  
\$1.45  
\$17.70

### T8 LED (20W)

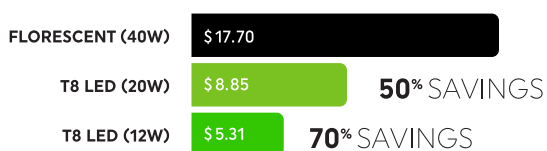
**\$0.02**  
**\$0.73**  
**\$8.85**

\* COST OF POWER - \$0.101 (COMMERCIAL RATE)

## FLORESCENT 32W VS T8 LED COST TO RUN PER BULB PER YEAR



## FLORESCENT 40W VS T8 LED COST TO RUN PER BULB PER YEAR



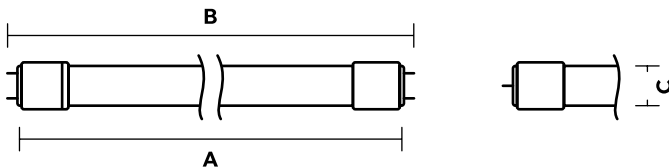
**THE COST TO  
PURCHASE THE  
LIGHTS WILL BE  
PAID OFF BY YOUR  
POWER SAVING IN  
1-2 YEARS**

# SPECIFICATIONS AND INSTALLATION

<b>WORKING VOLTAGE</b>	100– 265 VAC auto sensing technology
<b>LUMENS</b>	100 lumens per watt
<b>LIFESPAN</b>	50,000 hours
<b>LENSES</b>	Clear or opaque
<b>WORKING ENVIRONMENT</b>	-20 to 40 C
<b>COLOUR</b>	3000K, 4000K, 5000K
<b>SOCKET TYPE</b>	G13
<b>CRI</b>	80
<b>LED</b>	SMD 2835
<b>BEAM ANGLE</b>	120°
<b>MATERIALS</b>	PVC cover & aluminum alloy body
<b>IP RATING</b>	IP44
<b>WARRANTY</b>	3 years

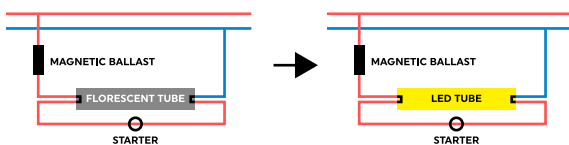


DIMENSIONS	A	B	C
EGT-T8 12W, 20W	1198 mm	1208 mm	26 mm
EGT-T8 40W	2396 mm	2416 mm	26 mm

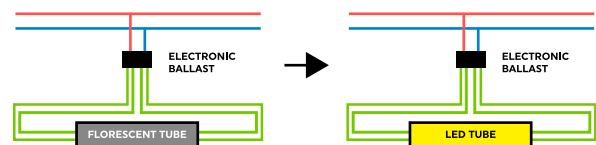


## INSTALLATION - WIRING DIAGRAM

### Magnetic Ballast \*



### Electronic Ballast \*



\* Direct replacement for both magnetic and electronic ballasts. **No rewiring required.**