



griffin & ray

# Energy Saving Lighting

Energy Saving Tube Light



## Applications

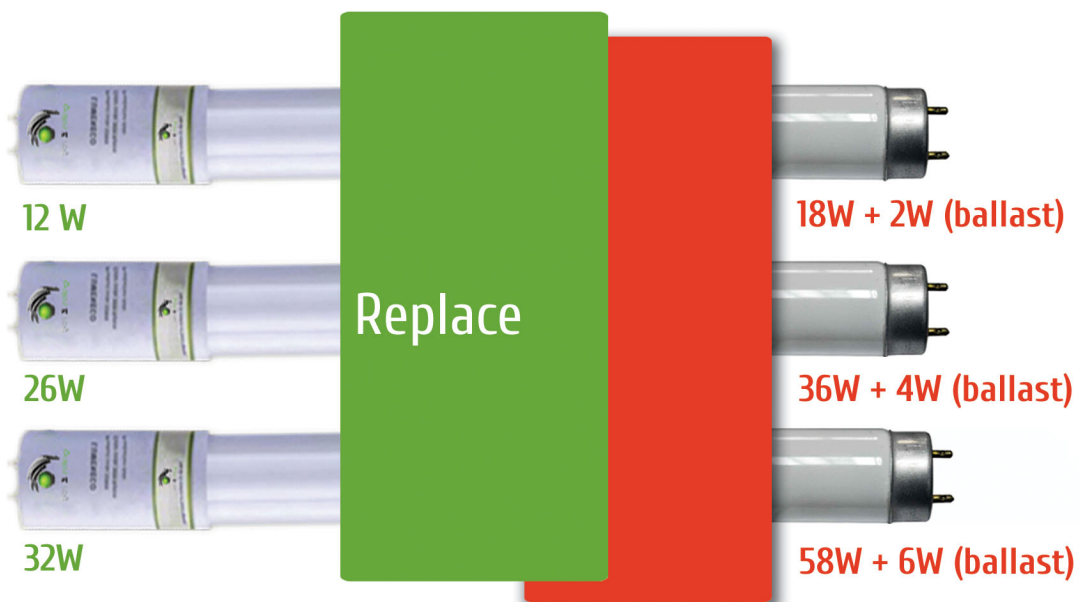
Energy Saving Tube lights are suitable for all sorts of applications such as in Hotels, Hospitals, Museums, Universities, Bars & Restaurants, Showroom, Airport, Office, School, Shopping Mall etc.

No compromise on the quality of lighting in terms of Lumen requirement and aesthetics. Looks like the traditional Tube lights with a potential saving up to 50 %.

### Easy to Replace

Replacement of Griffin & Ray Tubelight to the traditional T8 Tube is so simple; its similar to the replacement method of traditional fluorescent tubes. No Labour and no wiring cost. It's can be direct plugged into the existing fixture of T8 lamps.

No need to install additional electronic ballast. No modification to the existing lamps fixture. Due to no labour cost involved in the retrofitting project, total investment can be returned less than 6 – 9 months.



### Performance of the Product

1. Work voltage range 220-240v
2. Nominal and rated lamp luminous flux 95 lm/w
3. 100hr later, power rates + 2%
4. Color rendering index (Ra) of the Lamp Ra:85
5. Mercury content of Inner tube 3mg - 5mg
6. Colour temperature of the lamp 2700K 3000K 4000K 6500K
7. Ambient temperature at which the lamp was designed it luminous flux 25 + 50 Degrees





# Energy Saving T8-Tube Lights

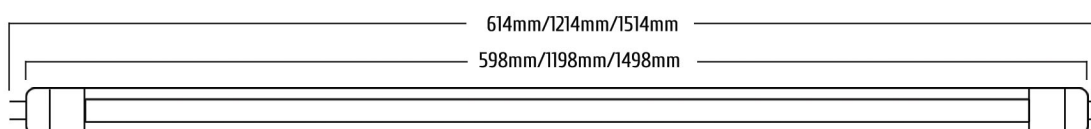


## Features

- ▶ Cold start technology.
- ▶ Energy saving, Can save up to 50%.
- ▶ Perfect replacement for traditional tubes.
- ▶ Long lifespan.
- ▶ Low Luminous Decay and high light efficiency.
- ▶ Low temperature of 38 °C constant temperature control design.
- ▶ Eco-Friendly Light Source.
- ▶ Reduces Carbon Foot Print.

Product Code	Voltage (V)	Watts (W)	Lumens (Lm)	Length	CRI	CCT	Power Factor	Socket	Average Life(h)
GRESTL12WW-2F	110-230AC	12	95/W	600mm	RA:85	2700K-3000K	> 0.95	T8	20000
GRESTL26WW-4F	110-230AC	26	95/W	1200mm	RA:85	2700K-3000K	> 0.95	T8	20000
GRESTL32WW-5F	110-230AC	32	95/W	1500mm	RA:85	2700K-3000K	> 0.95	T8	20000
GRESTL12CW-2F	110-230AC	12	95/W	600mm	RA:85	4000K-6500K	> 0.95	T8	20000
GRESTL26CW-4F	110-230AC	26	95/W	1200mm	RA:85	4000K-6500K	> 0.95	T8	20000
GRESTL32CW-5F	110-230AC	32	95/W	1500mm	RA:85	4000K-6500K	> 0.95	T8	20000

## Dimentions



[www.griffin-ray.com](http://www.griffin-ray.com)



## Griffin & Ray Inc.

5201,  
Great America Park way,  
Suite 256  
Santa Clara  
California  
USA.

+1 408 8459411

+1 408 7776375

[www.griffin-ray.com](http://www.griffin-ray.com)

[info@griffin-ray.com](mailto:info@griffin-ray.com)