



LED Lighting Manufacturer

Data Sheet

MODEL:T8G24

600MM 9W LED



790 Lumens

50 000 Hours L70 rated life

2835 SMD LED Green Series

Easy Installation

3 Year Warranty

Made in South Africa

2FT



Our locally manufactured LED Tubes have been carefully crafted in our state of the art facility to ensure that they compete with the very best tubes in the industry while also making the transition to solid state lighting as an affordable and viable long term energy saving solution. eLighting TM LED tubes achieve close to 90 lm/w at a >0.96 power factor while still achieving an average CRI of >75. Our 3 year warranty ensures superior LED chips using 99.9 % gold thread and are capable of producing exceptionally high lumen output and quality. Our highly durable polycarbonate lenses are robust and disperse light at 150 degrees .



Product information

An industry leading versatile LED solution that guarantees the best quality of light presently available in the LED tube light market.

Application: The T8G24 LED meets a variety of lighting needs across three different applications: architectural, area lighting and signage.

Structures and materials

Durable lightweight aircraft aluminium alloy heat sink housing providing an advanced cooling system ensuring the longevity of this class leading luminaire.

Shatterproof design, which is free of glass and

Electrical and gear compartment

High-efficiency Constant Current Driver

Output 50V -85V

CE-EMC Certification.

Driver to remodulate current to LEDs

Power Factor: = 0.96 nominal

Input Voltage: 100-277V, 50/60Hz

Operating Temperature Range: -25°C - + 45°C

Total Harmonic Distortion: < 20%

Durable Long life aluminium electrolytic capacitors

Radio Frequency Interference Free

Optics

Upgrades existing T8 fluorescent lamps to more energy efficient eco friendly alternative. Universally compatible with most existing T8 Fittings, offering the ultimate in flexibility.

Instant start, Flicker free and Silent

Up to 50% energy savings with a payback of less than 2 years compared to ineffective fluorescents

Virtually eliminates costly re-lamping, offering significant maintenance savings

Industry leading CRI renders colours accurately and consistently throughout the lamps lifetime.

Safe, Single ended input design.

LED Maintenance

70% lumen maintenance at 50,000 hours.

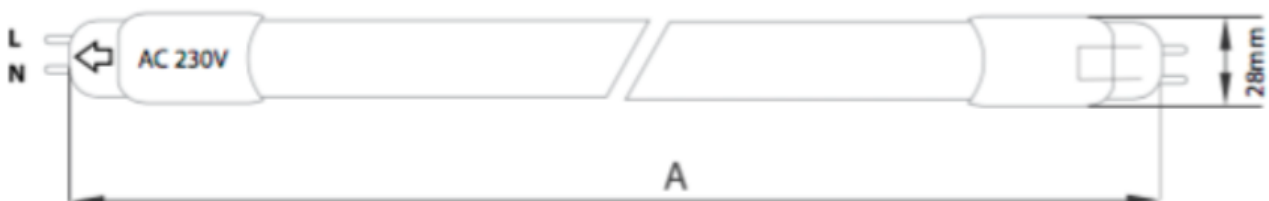
Rated at LM70

Installation

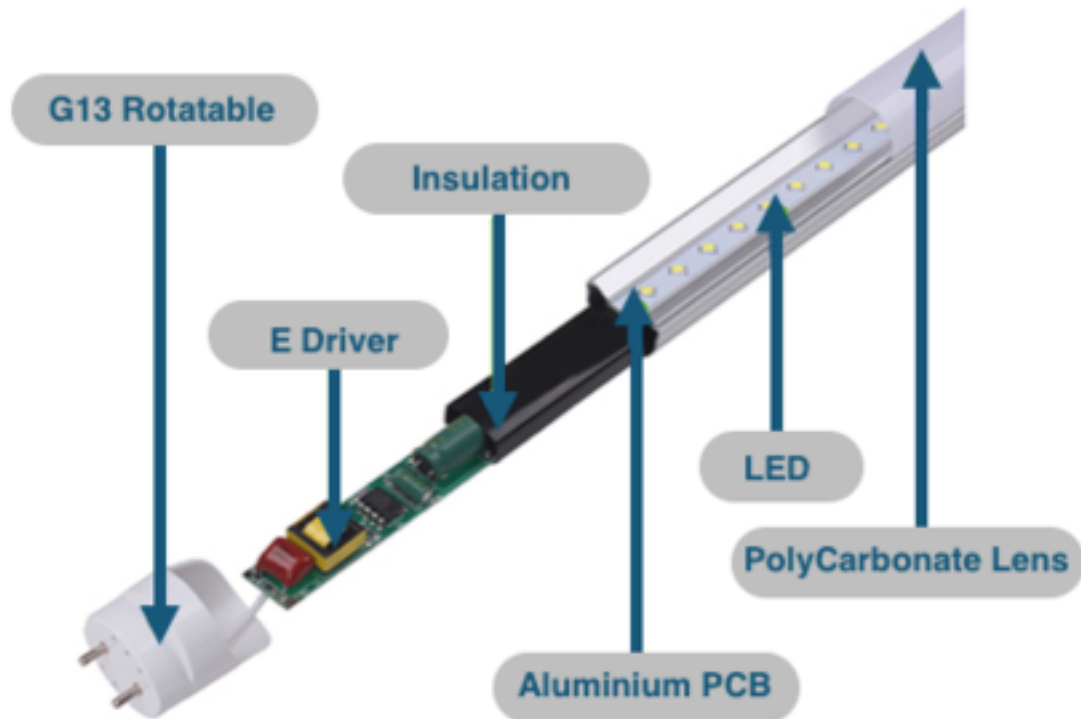
Wall mounting bracket which is fully adjustable and easy to install.

Specifications & Data

Model	T8G24
Wattage	9W
Luminous Flux	790lm
Luminous Efficacy	90lm/w
Colour Rendering Index	80
Correlated Colour Tempereature	6000K, 4000K
Ingress Protection Rating	IP44
Beam Angle	140°
Input Voltage	100-277V AC
Power Factor	0.95
Housing	Aluminium extrusion
Lens	Polycarbonate Optic Diffuser
Total Harmonic Distortion	20%
Operating Temperature	-20C + 40C
Environment	Indoor
Life Span	50000 hours LM70
Warranty	3 years



Core Components



[T8G24.pdf](#)