LED Lighting Manufacturer

Data Sheet

MODEL:T8C65



1.8M 27W LED

- 2674 Lumens
- 50 000 Hours L70 rated life
- 2835 SMD LED Commercial Series
- Easy Installation
- 5 Year Warranty
- Made in South Africa

6FT

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 100 lm/w at a >0.96 power factor while still achieving an average CRI of >75. Our 5 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 .



information

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 T8C65 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

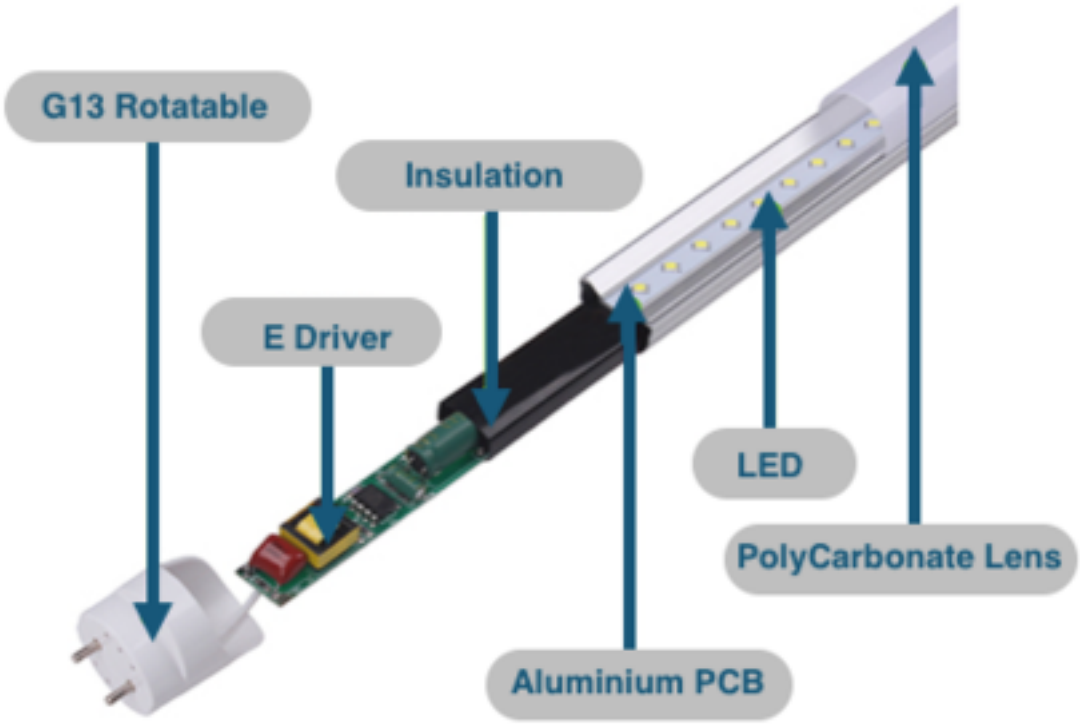
Wall mounting bracket which is fully adjustable and easy to install.

Specifications & Data

Model	**T8C65**
Wattage	**27W**
Luminous Flux	**2674lm**
Luminous Efficacy	**100lm/w**
Colour Rendering Index	**80**
Correlated Colour Tempereature	**6000K, 5000K, 4000K, 3000K**
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	**5 years**



Core Components



T8C65.pdf.