



LED T8S TUBE

QET8S DATASHEET

The LED T8S tube is specifically designed and engineered by QE Global to solve the universal fitting problem when replacing fluorescent tubes with LED tubes.

With the T8S, there's no need to modify your existing installation, simply fit the tube and switch it on, even with a high-frequency/electrical ballast.*


It's manufactured using the highest grade materials and designed to provide a bright light output, a genuine alternative to fluorescent tubes.

Our tubes use 70% less energy and have a lifespan of over three to four times longer than an equivalent fluorescent tube.

All our tubes are recyclable and conform to CE, RoHS and UL regulations.

*For mechanical ballasts, we recommend simply removing starter.

APPLICATION AREAS

-  Education
-  Food retail
-  Healthcare
-  Hospitality
-  Industry
-  Office
-  Retail

FEATURES & BENEFITS

Existing installation modification not required
Engineered using highest grade materials
Reduced down-time
Reduced fitting-time
No flicker
No UV
No glass
No mercury
No phosphor
No maintenance for the life of the light
3 year QE Global warranty

ECA INFO

Our LED T8S tubes qualify for the Enhanced Capital Allowance (ECA) scheme. The Carbon Trust offer up to 4 year interest free loans to qualifying companies, meaning your organisation can claim back the tax on the purchase and installation in the tax year end. See www.carbontrust.co.uk for more details.



QET8S DATASHEET

TECHNICAL SPEC

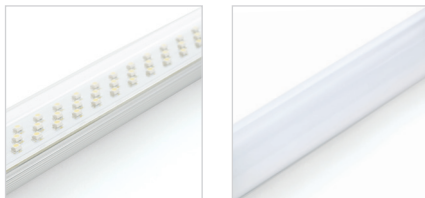
Electrical parameters	
Input voltage	85V to 280V
Frequency	50Hz to 60Hz
Power supply efficiency	85%
Power	2ft=11W 3ft=16W 4ft=20W 5ft=23W 6ft=25W
Power factor conversion	0.93

Optical parameters	
Luminaire efficiency	90%
LED quantity	2ft=162pcs 3ft=243pcs 4ft=315pcs 5ft=396pcs 6ft=477pcs
Lumen output	2ft=935lm 3ft=1,360lm 4ft=1,700lm 5ft=1,955lm 6ft=2,125lm
Colour rendering index	80Ra
LED efficiency	85lm/W
Colour temperatures	3,500K 3,600K (Pink) 4,200K 5,000K 6,000K
Beam spread	160°

Other parameters	
Operating temperatures	-25°C to +60°C -13°F to +140°F (humidity 15% to 70%)
Storage temperatures	-20°C to +50°C -4°F to +122°F
Sizes	Ø1.2in x 2ft (30mm x 605mm) 3ft (910mm) 4ft (1,215mm) 5ft (1,515mm) 6ft (1,778mm)
Main materials	Aluminium V0 rated polycarbonate
Appearance	Clear Milky
IP rating	IP54
Life span	50,000 hours

LENS OPTIONS

Our LED T8S tubes come with a choice of clear or milky lenses.



FITTING GUIDE

Our LED T8S tubes are designed to fit into existing T8 or T10 fittings with no changes required.

For mechanical ballasts, we recommend simply removing starter.



PAYBACK ON ENERGY USAGE (ON AVERAGE)



TESTING ON EVERY SINGLE LIGHT BEFORE DESPATCH



RECYCLING OF ALL OF OUR LED LIGHTS BY QE GLOBAL



ENERGY USED COMPARED TO A STANDARD LIGHT (ON AVERAGE)



MINIMUM LIGHT OUTPUT COMPARED TO A STANDARD LIGHT

