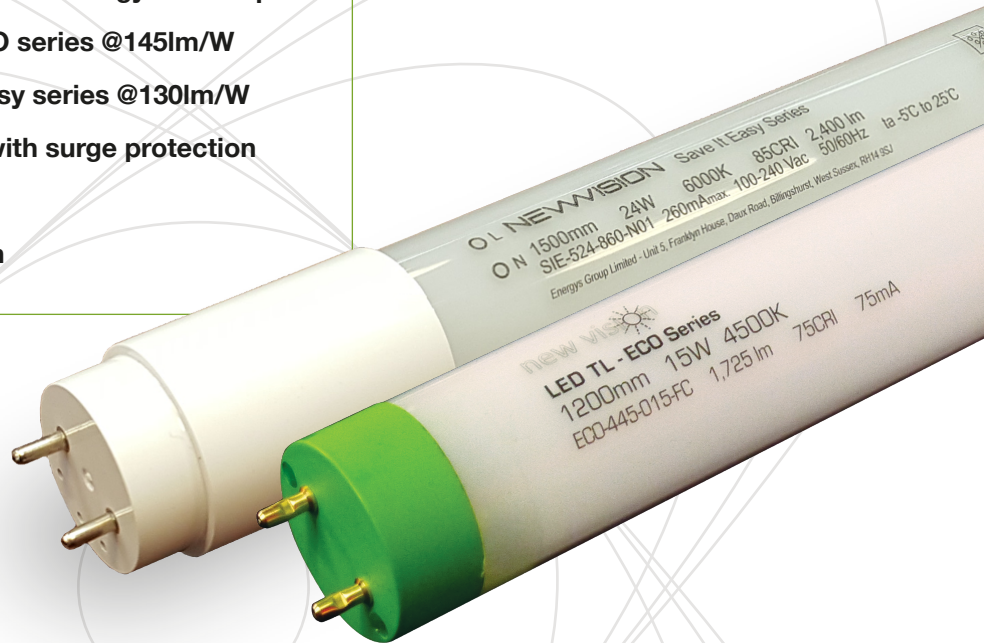


LED T8 Tube Lamp (AC)

- **Superb lighting at very low energy consumption**
- **High Performance ECO series @145lm/W**
- **Economical Save It Easy series @130lm/W**
- **Fully insulated driver with surge protection**
- **Automatic cut-out**
- **Plug & Play Installation**



A range of LED Tube Lamps representing the very best combination of performance and value for money

Key Features:

The most economical range of LED tube lamps, they are available in frosted coatings - most appropriate for fittings where the lamps are exposed, due to the low level of glare from this design.

With lamp efficacy as high as 145 lumens per watt, these LED lamps offer superb lighting at a very low energy consumption.

A state-of-the-art, fully isolated driver with surge protection and automatic cut-out for safety, completes the package.

DRIVER FEATURES

Fully insulated driver

Surge protection

Fused / Automatic cut-out

Auto restart

Tube Lamp - Integrated

Family : Retrofit / T8 Tubes (AC) / TLE & TLS



Technical Overview

Product Code	Dimensions Length x Diameter	Chips		Lamp				
		CRI	Efficacy	Photometric		Electrical		
				Efficacy	Lumen	Input Voltage	Input current @ 240Vac	System Power
Eco								
TLE-02009-840-S01	600 x Ø25mm	>80	190 lm/W	145 lm/W	1,305 lm	220-240 Vac (50/60Hz)	38 mA	9.0 W
TLE-04015-840-S01	1,200 x Ø25mm	>80	190 lm/W	145 lm/W	2,175 lm		63 mA	15.0 W
TLE-05018-840-S01	1,500 x Ø25mm	>80	190 lm/W	145 lm/W	2,610 lm		75 mA	18.0 W
TLE-06024-840-S01	1,800 x Ø25mm	>80	190 lm/W	145 lm/W	3,480 lm		100 mA	24.0 W
TLE-08025-840-S01	2,400 x Ø25mm	>80	190 lm/W	145 lm/W	3,625 lm		104 mA	25.0 W
Save It Easy								
TLS-02009-840-S01	600 x Ø25mm	>80	190 lm/W	125 lm/W	1,125 lm	220-240 Vac	38 mA	9.0 W
TLS-04018-840-S01	1,200 x Ø25mm	>80	190 lm/W	125 lm/W	2,250 lm		75 mA	18.0 W
TLS-05024-840-S01	1,500 x Ø25mm	>80	190 lm/W	125 lm/W	3,000 lm		100 mA	24.0 W

notes

- Standard product CCT is 4000K, for 2700K or 6000K, replace 840 in code with 827 or 860
- Rotatable lamp caps available for the Eco series, replace S01 in code with S02
- 2700K products will yield 5% less efficacy and therefore 5% less light output
- Efficacy between Chip and Lamp level differs due to optical & driver losses

Specifications		
Operating temperature	-25 to +40°C	
Driver life expectancy	Eco series 100,000 hours (MTBF @ta=25°C)	
	TLS series 50,000 hours (MTBF @ta=25°C)	
Lumen maintenance @max. power, @ta=25°C		
Eco series	L90 B10 @	17,000 hours
	L80 B10 @	32,500 hours
	L70 B10 @	50,000 hours
Save It Easy series	L90 B10 @	35,000 hours
	L80 B10 @	65,000 hours
	L70 B10 @	100,000 hours
Warranty	Eco series 7 years / Save It Easy series 3 years	
Protection rating	IP44	
Diffuser Material	Polycarbonate	

Compliance			
Low Voltage (Safety) Directive 2014/35/EU			
EN 60598-1			
EN 60598-2			
EN 62776			
EMC Directive 2014/30/EU			
EN 55015		EN 61000-3-2	
EN 61547		EN 61000-3-3	
EN 62493			
LED Drivers			
EN 61347-1		EN 62384	
EN 61347-2-13			
			ROHS
LIA Verified		LIA Tested	