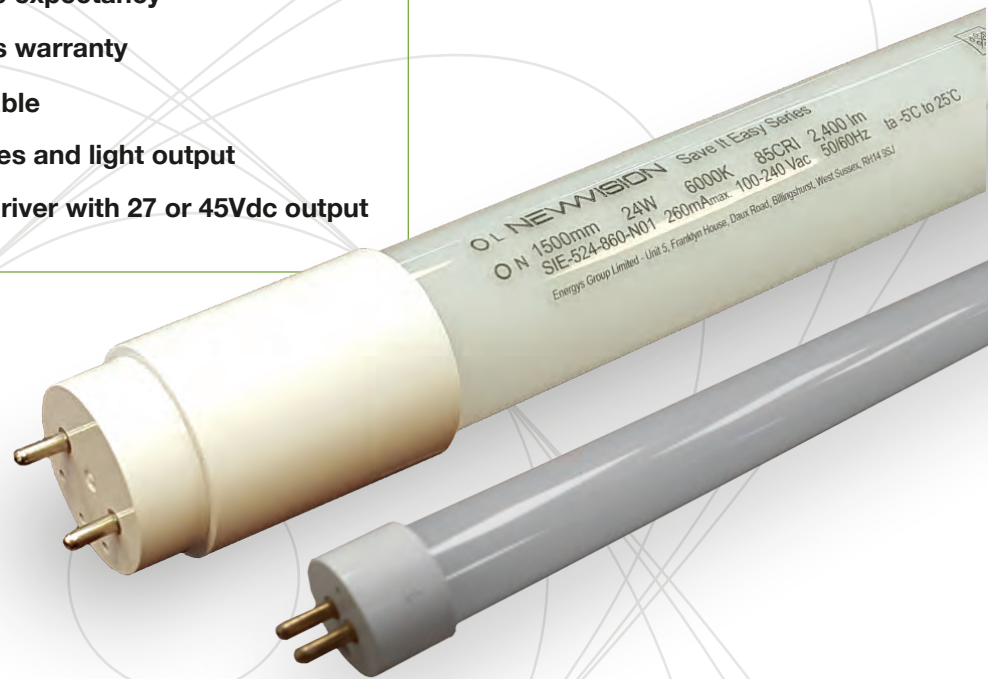


# LED T5 & T8 Tube Lamp (DC)

## NEWVISION

- Over 190lm/W efficacy
- Over 100,000 hours life expectancy
- 7 years manufacturer's warranty
- T5 and T8 tubes available
- Complete range of sizes and light output
- Compatible with any driver with 27 or 45Vdc output



A range of versatile T5 & T8 DC tubes for every possible situation, it can be used with dimmable or non-dimmable drivers, your choice of DC current to create the perfect lighting condition.

### Key Features:

Advanced LED chips with efficacy of over 190 lumens per watt, 130 lumens per watt inclusive of driver loss when used with New Vision Drivers.

All plastic housing means that there is no glass, mercury or other hazardous substances (unlike fluorescent lamps) making these light fittings not only energy efficient but also environmentally friendly, safe and durable.

Compatible with IntelliDim.

# Tube Lamp - DC Save It Easy series

Family : Retrofit / T5 & T8 Tubes (DC) / TLS & T5S


## Technical Overview

Product Code	Dimensions Length x Diameter	Chips		Lamp				
		CRI	Efficacy	Photometric		Electrical		
				Efficacy @max. power	Lumen @max. power	Input Voltage (DC)	Input current (max.)	Lamp Power (max.)
<b>T8</b>								
TLS-02009-840-D01	600 x Ø25mm	>80	190 lm/W	130 lm/W	1,158 lm	27 V	330 mA	8.9 W
TLS-02018-840-D01	600 x Ø25mm	>80	190 lm/W	130 lm/W	2,340 lm	45 V	400 mA	18.0 W
TLS-04018-840-D01	1,200 x Ø25mm	>80	190 lm/W	130 lm/W	2,340 lm	45 V	400 mA	18.0 W
TLS-04036-840-D01	1,200 x Ø25mm	>80	190 lm/W	130 lm/W	4,680 lm	45 V	800 mA	36.0 W
TLS-04045-840-D01	1,200 x Ø25mm	>80	190 lm/W	130 lm/W	5,850 lm	45 V	1,000 mA	45.0 W
TLS-05024-840-D01	1,500 x Ø25mm	>80	190 lm/W	130 lm/W	3,101 lm	45 V	530 mA	23.9 W
TLS-05036-840-D01	1,500 x Ø25mm	>80	190 lm/W	130 lm/W	4,680 lm	45 V	800 mA	36.0 W
TLS-05045-840-D01	1,500 x Ø25mm	>80	190 lm/W	130 lm/W	5,850 lm	45 V	1,000 mA	45.0 W
<b>T5</b>								
T5S-02009-840-D01	563 x Ø15mm	>80	190 lm/W	130 lm/W	1,158 lm	27 V	330 mA	8.9 W
T5S-02018-840-D01	563 x Ø15mm	>80	190 lm/W	130 lm/W	2,340 lm	45 V	400 mA	18.0 W
T5S-04018-840-D01	1,163 x Ø15mm	>80	190 lm/W	130 lm/W	2,340 lm	45 V	400 mA	18.0 W
T5S-04036-840-D01	1,163 x Ø15mm	>80	190 lm/W	130 lm/W	4,680 lm	45 V	800 mA	36.0 W
T5S-05024-840-D01	1,463 x Ø15mm	>80	190 lm/W	130 lm/W	3,101 lm	45 V	530 mA	23.9 W
T5S-05045-840-D01	1,463 x Ø15mm	>80	190 lm/W	130 lm/W	5,850 lm	45 V	1,000 mA	45.0 W
T5S-02009-840-D03	563 x Ø15mm	>80	190 lm/W	190 lm/W	1,026 lm	27 V	200 mA	5.4 W
T5S-02018-840-D03	563 x Ø15mm	>80	190 lm/W	190 lm/W	3,420 lm	45 V	400 mA	18.0 W
T5S-04018-840-D03	1,163 x Ø15mm	>80	190 lm/W	190 lm/W	3,420 lm	45 V	400 mA	18.0 W
T5S-04036-840-D03	1,163 x Ø15mm	>80	190 lm/W	190 lm/W	6,840 lm	45 V	800 mA	36.0 W
T5S-05024-840-D03	1,463 x Ø15mm	>80	190 lm/W	190 lm/W	4,532 lm	45 V	530 mA	23.9 W
T5S-05045-840-D03	1,463 x Ø15mm	>80	190 lm/W	190 lm/W	8,550 lm	45 V	1,000 mA	45.0 W

### notes

- Standard product CCT is 4000K, for 2700K or 6000K, replace 840 in code with 827 or 860
- 2700K products will yield 5% less efficacy and therefore 5% less light output
- Efficacy between Chip and Lamp level differs due to optical losses. (Driver loss not mentioned above)
- CRI >90 available with 15% less efficacy and light output, replace 840 in code with 940, 927 or 960 for 4000K, 2700K or 6000K
- D03 options without diffuser

Specifications	
Operating temperature	-25 to +40°C
Lumen maintenance	L90 B10 @ 35,000 hours
@ max. power	L80 B10 @ 65,000 hours
@ ta=25°C	L70 B10 @ 100,000 hours
Warranty	7 years
Protection rating	IP44
Diffuser material	Polycarbonate
Body material	Aluminium

Compliance			
Low Voltage (Safety) Directive 2014/35/EU			
EN 62471		EN 62031	
EN 60838-2-2		EN 62776	
SELV 60	CE		ROHS