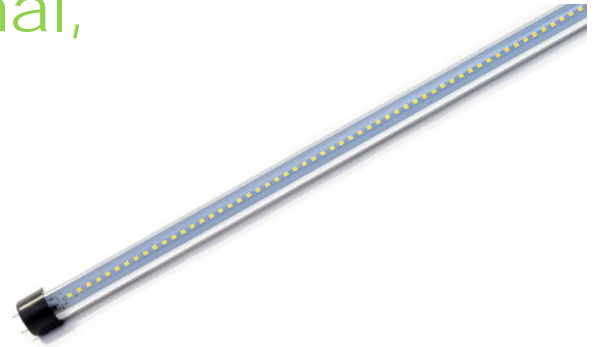


## APE LED T8 and T5 led lamps retrofit new generation professional, Energy-saving and an efficient solution to provide a replacement fluorescent lighting



### Product advantages:

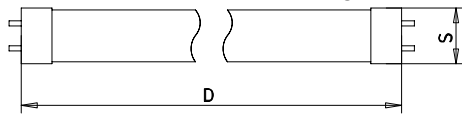
- Quick, simple and safe replacement without changing the cabling
- Doesn't bend due to the glass housing
- Built-in power control - option
- A direct replacement for conventional fluorescent lamps for each power level
- Energy savings over 60% compared to conventional sources
- Optimised weight and size thanks to compact design
- Standard caps G13 and G5
- Versions with different light fluxes for installation at heights from 2 to 9 m

### Product features:

- Source efficiency: up to 180 lm/W
- Luminous flux: up to 5760lm
- Angles of light output: 115°, 145°
- Temperature of the coloring agent: 3000°K, 3500°K, 4000°K, 4500°K, 5000°K and 6000°K
- Colour rendering index (CRI  $\geq$  80)
- Glass housing
- Ambient operating temperature: -30°C ÷ +50°C
- Durability: 50 000 hours
- Degree of protection: IP 67
- 5-year warranty

General information	
Ambient temperature range	-30°C ÷ +50°C
Maximum dimming level	3W
Mechanical impact protection code	IK 05
Protection index	IP 67
Input voltage	230V 50Hz
Single-sided power supply	Yes
CE marking	Yes
Protection class IEC	Safety Class I
Driver included	Yes
Power factor	cos φ ≥ 0,91
Efficiency of the power supply	η ≥ 0,93
Power consumption tolerance	+/-10%
Luminaire light beam spread	115°, 145°
Color temperature	3000°K, 4000°K, 5000°K, 6000°K
Color rendering index	Ra ≥ 80, 90 (option)
Luminous flux tolerance	+/-10%
Lifetime L70B50	50 000 h
Materials	Housing: glass
Socket	G13, G5
Dimmable	S-series (option)

Technical data			
Product name	Dimensions DxS mm	Weight	Socket
T28	289x26	90 g	G13
T44	438x26	130 g	G13
T60	589x26	160 g	G13
T74	743x26	210 g	G13
T90	894x26	260 g	G13
T120	1199x26	340 g	G13
T150	1500x26	400 g	G13
T55	549x17	90 g	G5
T85	849x17	130 g	G5
T115	1149x17	180 g	G5
T145	1449x17	210 g	G5
T55.F26	549x26	160 g	G5
T85.F26	849x26	260 g	G5
T115.F26	1149x26	340 g	G5
T145.F26	1449x26	400 g	G5



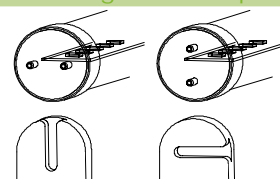
Light source colour			
Product name	Temperature	Product name	Temperature
TXX.X.830	3000°K	TXX.X.845	4500°K
TXX.X.835	3500°K	TXX.X.850	5000°K
TXX.X.840	4000°K	TXX.X.860	6000°K

Technical data			
Product name	Light distribution angle	Product name	Housing
TXX.X.Y.K115	115°	TXX.X.Y.Z.S	Glass
TXX.X.Y.K145	145°	TXX.X.Y.Z.PC	Polycarbonate

Product data			
Product name	Luminous flux	Power	Source efficiency
T28.4	640 lm	4 W	160 lm/W
T44.8	1280 lm	8 W	160 lm/W
T44.5	800 lm	5 W	160 lm/W
T60.12	2160 lm	12 W	180 lm/W
T60.8	1280 lm	8 W	160 lm/W
T60.5	800 lm	5 W	160 lm/W
T74.13	2340 lm	13 W	180 lm/W
T74.10	1600 lm	10 W	160 lm/W
T74.6	960 lm	6 W	160 lm/W
T90.15	2700 lm	15 W	180 lm/W
T90.12	1920 lm	12 W	160 lm/W
T90.8	1280 lm	8 W	160 lm/W
T120.22	3960 lm	22 W	180 lm/W
T120.17	2720 lm	17 W	160 lm/W
T120.10	1600 lm	10 W	160 lm/W
T150.35	6300 lm	35 W	180 lm/W
T150.30	4800 lm	30 W	160 lm/W
T150.25	4000 lm	25 W	160 lm/W
T150.18	2880 lm	18 W	160 lm/W
T55.10	1800 lm	10 W	180 lm/W
T55.7	1120 lm	7 W	160 lm/W
T55.4	640 lm	4 W	160 lm/W
T85.13	2080 lm	13 W	160 lm/W
T85.9	1440 lm	9 W	160 lm/W
T115.18	3240 lm	18 W	180 lm/W
T115.15	2400 lm	15 W	160 lm/W
T115.10	1600 lm	10 W	160 lm/W
T145.24	4320 lm	24 W	180 lm/W
T145.17	2720 lm	17 W	160 lm/W
T145.12	1920 lm	12 W	160 lm/W
T55.F26.12	2160 lm	12 W	180 lm/W
T55.F26.8	1280 lm	8 W	160 lm/W
T55.F26.5	800 lm	5 W	160 lm/W
T85.F26.15	2700 lm	15 W	180 lm/W
T85.F26.12	1920 lm	12 W	160 lm/W
T85.F26.8	1280 lm	8 W	160 lm/W
T115.F26.22	3960 lm	22 W	180 lm/W
T115.F26.17	2720 lm	17 W	160 lm/W
T115.F26.10	1600 lm	10 W	160 lm/W
T145.F26.30	5400 lm	30 W	180 lm/W
T145.F26.25	4000 lm	25 W	160 lm/W
T145.F26.18	2880 lm	18 W	160 lm/W

### Mounting in the lampholder:

TXX.X.Y.Z.X.N



TXX.X.Y.Z.X.L