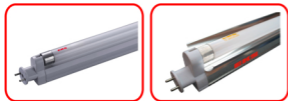




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T8 to T5 Linear Fluorescent Fixture (with reflector option)



Product Advantage:

This product comprises of energy saving electronic ballast + lamp holder + converter + T5 fluorescent tube. Energy saving rate achieve 40%-50% than inductive ballast type and the lumen efficiency is increased. This product can substitute electric-inducting T8 (T10) fluorescent lamp for energy saving. Installation is user-friendly. Users just need to take out T8 (T10) fluorescent tube and starter. Then, put in the easy-installing T5 fluorescent tube. There is no need to change the original structure. This product has the advantages and effects that traditional electric-inducting fluorescent lamp cannot be compared with. By using this product, you are saving energy and money anytime!

This product can be used at homes, schools, factories, hospitals, malls, supermarkets etc.

Product Features:

- Long lifetime (about 12000 hrs)
- T5 fluorescent tube's lumen efficiency is 50% higher than T8 (T10) fluorescent tube
(T5:90~110Lm/W, T8:50~72Lm/W, T10:45~60Lm/W)
- T5 fluorescent tube's energy saving rate is 45% more than electric-inducting fluorescent tube. 45% electricity fee can be saved.
- High Power Factor, over 95%
- Low Harmonics Distortion($\leq 15\%$), reduce grid loss, no pollution to grid loss. This helps saving energy.
- Wide voltage input. When the voltage is fluctuating around 160Vac - 260Vac, the electronic ballast can work stably.
- No flicker, soft and comfortable light. Help protect eye vision by eliminating flicker-inducing tiredness.
- Low heat release and safe air-conditioning fee indirectly.
- No noise. The noise from the electric-inducting ballast is eliminated.
- Strong protection features: instant-on protection, short circuit protection and end of life protection
- Using environmental friendly electronic components

Product Specification

Model	Voltage Range	Input Current (mA)	Luminous Flux (Lm)
BZ-IT5281-A13	160V - 260V	110	>1800
BZ-IT5141-A10	160V - 260V	60	>650



Exchange Chart

T5 Integrated Energy Saving Lamp Holder	Exchange T8 Tube	Exchange T10 Tube	Length
14W	18W	20W	590mm
21W	30W	30W	895mm
28W	36W	40W	1200mm
35W	54W	58W	1500mm

T5/ 28W Comparing to T8/36W

Item	T8/36W	T5/28W
Power(W)	44	24
Power Factor(PF)	0.47	0.96
Input Current (mA)	430	110
Luminous Flux(Lm)	1734	1988
Flicker	✓	✓
Noise	✓	✓
Start	A few seconds	Instant
Electric Usage (kWh/hrs)	0.044	0.024
Lifetime(Hrs)	8000	15000
Energy Saving Rate	(44W-24W)/44W=45.5%	

Energy Saving Rate

Item	Traditional T8/36w electric inducting lamp holder (using 44W to count)	EKS T8 to T5 / 28W integrated lamp holder (using 24W to count)	Energy saving	
	Power Consumption (kWh/hrs)	Power Consumption (kWh/hrs)	Power Saved (kWh/hrs)	% Saved
天(12Hrs)	0.528	0.288	0.24	45.5%
月(30天)	15.84	8.64	7.2	
年(12个月)	190.08	103.68	86.4	
Life Time	8000	15000	Double Time	

Installation Instruction

- Remove T8 or T10 fluorescent tube from the old lighting frame
- Remove Starter from the old lighting frame
- Install T5 light tube onto the T8 - T5 fixture
- Install the T5 energy saving light tube to the lighting frame.
- Switch on power source once installation is complete

Precautions

- Please ensure that the power supply switch is turned off before proceeding with the conversion.
- The above process only applies to traditional inductor ballast lighting
- When both sides of the lighting brackets (aluminum frame) are facing in vertical or horizontal direction, it can be adjusted with our product's special feature, by loosening both sides of the socket's screws and turning it to the proper direction for good fitting:



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