



T8 Magic LED Tube

Brief Description

The Magic T8 LED tube achieving UL, ETL and DLC (Models as below) which can work with all T8 electronic start ballast. This T8 tube also can work without ballast but wire directly to AC100-277/382V input.

Advantage

- This tube can work both with ballast or without ballast. So it is fantastic direct replacement tube as well as retrofit kit.
- Compatible with all electronic ballast which are more than 90 percent of North American market.
- The wattages and Lumens for the tube itself work with ballast and without ballast are same so it is good for big project which has different type of ballast. Input voltage can be AC100-277/382V with ballast and AC100-277/382 without ballast.
- Reduces energy consumption up to 40%.
- No UV emission.
- Suitable for dry and damp environments.
- T8 housing available.
- UL and ETL Qualified.

Common Technical Data

Color Temperature	2700K to 5000K	Input Voltage with ballast	100-347VAC
Beam Angle	120 degree	Input Voltage without ballast	100-277/382VAC
Color Consistency	4 steps	Frequency	50-60Hz
CRI	More than 80	Power Factor	More than 0.99
Operation Temperature	-30-40°C	Rated Life	50000 hours
Efficiency with ballast	More than 110 LPW	Led Type	SMT 2835
Efficiency without ballast	More than 125 LPW	Housing	Aluminum



Product Specification

Product Number	Length (Inch)	Color	Bare Lamp (Watt)	Average System Watts (W)			Average System Initial Lumens			Package (mm)	Weigh
				Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)	Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)		
ZY-T8-12W1200 BIXX	48	3500K	12	12.5	15.5	16.5	1500	1860	1980	1260X230X240 30pcs/Carton	10.20kg/Carton
ZY-T8-12W1200 BIXX	48	4000K	12	12.5	15.5	16.5	1500	1860	1980	1260X230X240 30pcs/Carton	10.20kg/Carton
ZY-T8-12W1200 BIXX	48	5000K	12	12.5	15.5	16.5	1500	1860	1980	1260X230X240 30pcs/Carton	10.20kg/Carton
ZY-T8-15W1200 BIXX	48	3500K	15	14.2	16.5	17.8	1704	1980	2136	1260X230X240 30pcs/Carton	10.30kg/Carton
ZY-T8-15W1200 BIXX	48	4000K	15	14.2	16.5	17.8	1704	1980	2136	1260X230X240 30pcs/Carton	10.30kg/Carton
ZY-T8-15W1200 BIXX	48	5000K	15	14.2	16.5	17.8	1704	1980	2136	1260X230X240 30pcs/Carton	10.30kg/Carton
ZY-T8-18W1200 BIXX	48	3500K	18	16.8	20.7	23.5	2016	2484	2820	1260X230X240 30pcs/Carton	10.50kg/Carton
ZY-T8-18W1200 BIXX	48	4000K	18	16.8	20.7	23.5	2016	2484	2820	1260X230X240 30pcs/Carton	10.50kg/Carton
ZY-T8-18W1200 BIXX	48	5000K	18	16.8	20.7	23.5	2016	2484	2820	1260X230X240 30pcs/Carton	10.50kg/Carton
ZY-T8-20W1200 BIXX	48	3500K	20	18.2	23.5	25.6	2184	2820	2820	1260X230X240 30pcs/Carton	10.55kg/Carton
ZY-T8-20W1200 BIXX	48	4000K	20	18.2	23.5	25.6	2184	2820	2820	1260X230X240 30pcs/Carton	10.55kg/Carton
ZY-T8-20W1200 BIXX	48	5000K	20	18.2	23.5	25.6	2184	2820	2820	1260X230X240 30pcs/Carton	10.55kg/Carton
ZY-T8-15W600 BIXX	24	3500K	15	14.2	16.5	17.8	1704	1980	2136	660X230X240 30pcs/Carton	7.00kg/Carton
ZY-T8-15W600 BIXX	24	4000K	15	14.2	16.5	17.8	1704	1980	2136	660X230X240 30pcs/Carton	7.00kg/Carton
ZY-T8-15W600 BIXX	24	5000K	15	14.2	16.5	17.8	1704	1980	2136	660X230X240 30pcs/Carton	7.00kg/Carton

Ordering Guide

ZY	/	T8/T10/T12	/	20W/18W/15W/10W	/	600/1200	/	B	/	I	/	XX	/
Company Code		Housing Type		Wattage		Length		2835 Led		Internal Driver		Input Type	

Warranty

This product has a warranty of period of 5 years from the date of purchase. The warranty is invalid in the case of improper use installation, tampering, and removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the National Electric Code. Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation and return of the faulty unit. James does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in your country of purchase. James reserves the right to alter specifications without prior notice.

