



## Led T8 Tube Type A+B - Ballast Compatible (Built-in MINI DIMMER, DLC 5.1 LED TUBE)

**4FT 8FT long; Magic 3 in 1; Easy to replacement ;  
Patented dimming design**

- Style Novel: Built-in MINI DIMMER
- Double end, single end & ballast compatible in one tube
- Tubes are rated at 50,000hours life
- Environmentally friendly without mercury
- Patented Product



**DOT-DIMMING • COST EFFECTIVE • STYLE NOVEL**  
**New DLC 5.1 LED TUBE**  
**MINI DIMMER ON TUBE**

**A TUBE HAS ITS OWN DIMMER**  
**Patented Product**

**i-ZOHNSON**  
 广东中致光电科技有限公司  
 Johnson Lighting Co., Ltd

100% MINI DIMMER  
 100% FULL POWER  
 Continuous Dimming to 10% or below

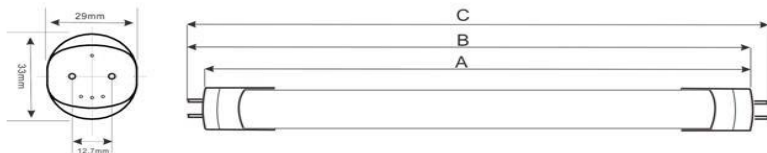
- DLC 5.1 LED TUBE
- Built -in MINI DIMMER
- Type A+B: 4000K, 5000K, 6500K; 4FT-8FT; G13, FA8, R17D
- Type B: 4000K, 5000K, 6500K; 4FT-8FT; G13, FA8, R17D
- Cost-Effective; Inquiry to: sales@zohanson.com

**BY ZOHNSON LIGHTING LTD - LED TUBE manufacturing specialist**



## Dimension

LED TUBE	4FT G13 (Bi-Pin)	8FT FA8 (single pin)	8FT R17D (HO)
Length Top to Top	47.72 inch	93.89 inch	93.97 inch
Diameter	1.19 inch	1.19 inch	1.19 inch



## Accessories for 8FT



## Specification

Item	T8 A+B
Power	10w,12w,15w,18w,20w,36w,40w
Led chip	SMD2835 ,LM-80 passed
Input voltage	AC100-277V
Power Factor	0.9
CRI	>80
Base	G13/FA8/R17D
Operating Temperature	-68~122 °F
Beam Angle	120°
Dimmable	MINI DIMMER
Lifespan	50,000 hours
THD	< 20%
Certification	UL ETL DLC
Material	Aluminum+ PC cover
IP Rating	IP20
Warranty	5 years



**Items 4FT**

ETL UL Model	Size	Power	Lumen (lm)	UL	ETL	DLC
ZS-T8-10P4FT-AB-C(XXXXK)	4FT	10W	130LM/W	YES	YES	
ZS-T8-10P4FT-AB-F(XXXXK)	4FT	10W	130LM/W	YES	YES	YES
ZS-T8-12P4FT-AB-C(XXXXK)	4FT	12W	130LM/W	YES	YES	
ZS-T8-12P4FT-AB-F(XXXXK)	4FT	12W	130LM/W	YES	YES	YES
ZS-T8-15P4FT-AB-C(XXXXK)	4FT	15W	130LM/W	YES	YES	
ZS-T8-15P4FT-AB-F(XXXXK)	4FT	15W	130LM/W	YES	YES	YES
ZS-T8-18P4FT-AB-C(XXXXK)	4FT	18W	130LM/W	YES	YES	
ZS-T8-18P4FT-AB-F(XXXXK)	4FT	18W	130LM/W	YES	YES	YES
ZS-T8-20P4FT-AB-C(XXXXK)	4FT	20W	130LM/W	YES	YES	
ZS-T8-20P4FT-AB-F(XXXXK)	4FT	20W	130LM/W	YES	YES	YES

For application:, C=Clear; F=Frosted, mean the different Lens;

“XXXXK” can be 3000k, 3500k, 4000k, 4500k, 5000k, 6000k, 6500k or blank, mean the different CCT;

\*Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification.

**Items 8FT**

ETL UL Model	Size	Power	Base	Lumen (lm)	UL	ETL	DLC
ZS-T8-36P8FT-AB-FA8-C(XXXXK)	8FT	36W	FA8	130LM/W	YES	YES	
ZS-T8-36P8FT-AB-FA8-F(XXXXK)	8FT		FA8	130LM/W	YES	YES	YES
ZS-T8-36P8FT-AB-R17D-C(XXXXK)	8FT		R17D	130LM/W	YES	YES	
ZS-T8-36P8FT-AB-R17D-F(XXXXK)	8FT		R17D	130LM/W	YES	YES	
ZS-T8-40P8FT-AB-FA8-C(XXXXK)	8FT	40W	FA8	130LM/W	YES	YES	
ZS-T8-40P8FT-AB-FA8-F(XXXXK)	8FT		FA8	130LM/W	YES	YES	YES
ZS-T8-40P8FT-AB-R17D-C(XXXXK)	8FT		R17D	130LM/W	YES	YES	
ZS-T8-40P8FT-AB-R17D-F(XXXXK)	8FT		R17D	130LM/W	YES	YES	

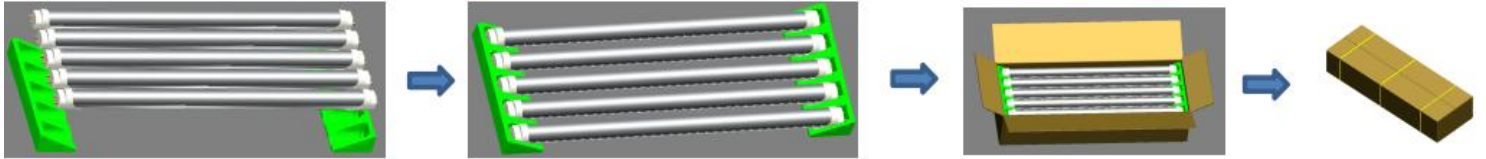
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# Packing



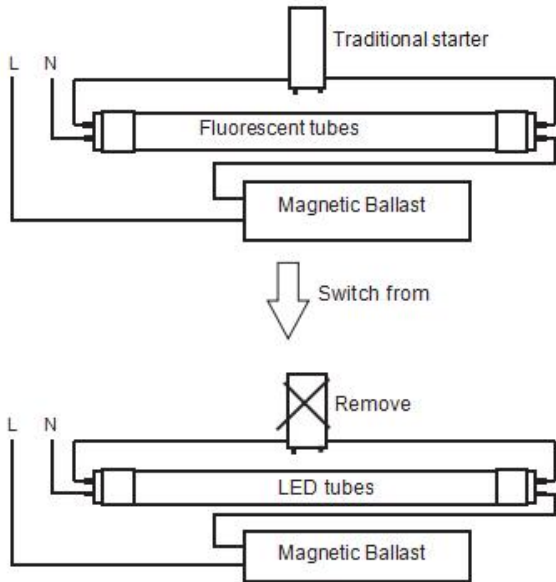
Size	Case	Carton Dimension	Net Weight	Gross Weight
4FT	50pcs/case	47.72x1.19x1.04 inch	31.97lbs	38.36lbs
8FT	20pcs/case	93.90x1.19x1.04 inch	24.69lbs	31.97lbs

## 1.Replacement for bypass ballast fluorescent lamps (TypeA)

### Magnetic ballast

professional installation is required

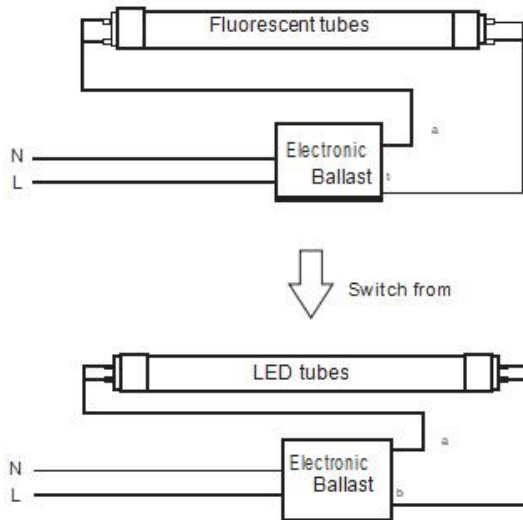
- 1:Turn off power before installation
- 2:Remove the traditional starter
- 3:Replace traditional fluorescent tube with LED tube
- 4:Switch on electricity and check for lamp starting



### Electronic ballast

professional installation is required

- 1:Turn off power before installation
- 2:Replace traditional fluorescent tube with LED tube
- 3:Switch on electricity and check for lamp starting





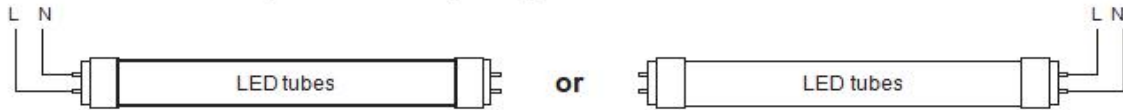
## 2. Replacement for bypass ballast fluorescent lamps (TypeB)

### Installation Steps

1 : Turn off power before installation  
2 : Cut the wire and bypass ballast

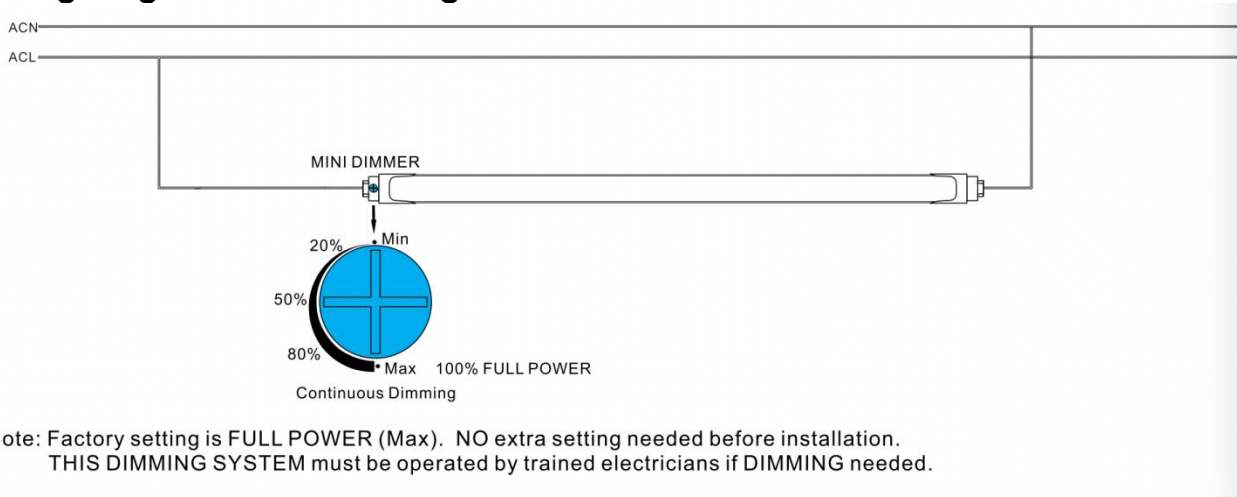
3 : Hookup line wires to Tombstone wires as a direct power  
4 : **2.Replacement for bypass ballast fluorescent lamps (TypeB)**

Stick the warning label  
5 : Switch on electricity and check for lamp starting



**Warning: All fixture have to change with new tombstone when apply for plug and play tube.**

## 3. Wiring Diagram when Dimming needed



⚠ Note: Factory setting is FULL POWER (Max). NO extra setting needed before installation.  
THIS DIMMING SYSTEM must be operated by trained electricians if DIMMING needed.



**Ballast Compatibility**

BALLAST BRAND	PART NO.	BALLAST BRAND	PART NO.
OSRAM	QTP 3*32T8/UNV ISN-SC		
OSRAM	QTP 3*32T8/UNV ISN-SC	GE	GE432MV-N-42T
OSRAM	QTP 4*32T8/UNV ISN-SC	PHILIPS	IOP-1PSP32-SC
PHILIPS ADVANCE	ICN-1P32-N	PHILIPS	IOP-2PSP32-SC
PHILIPS ADVANCE	ICN-2P32-N	PHILIPS	IOP-3PSP32-SC
PHILIPS ADVANCE	ICN-3P32-N	PHILIPS	IOP-4PSP32-SC
PHILIPS ADVANCE	ICN-4P32-N	PHILIPS	IOP-4P32-LW-N
PHILIPS ADVANCE	IOPA-1P32-N	PHILIPS	REB-1P32-SC
PHILIPS ADVANCE	IOPA-2P32-N	PHILIPS	REB-2P32-SC
PHILIPS ADVANCE	IOPA-3P32-N	PHILIPS	REB-3P32-SC
PHILIPS ADVANCE	IOPA-4P32-N	PHILIPS	REB-4P32-SC
GE	GE-132-MV-N	UNIVERSAL	B132IUNVHP-A(TRIAD)
GE	GE-232-MV-N	UNIVERSAL	B232IUNVHP-A(TRIAD)
GE	GE-332-MV-N	UNIVERSAL	B332IUNVHP-A(TRIAD)
GE	GE-432-MV-N	UNIVERSAL	B432IUNVHP-A(TRIAD)
GE	GE132MAX-G-N	UNIVERSAL	B132IUNVHP-A(ULTIM)
GE	GE232MAX-G-N	UNIVERSAL	B232IUNVHP-A(ULTIM)
GE	GE332-120RESDIYB	UNIVERSAL	B332IUNVHP-A(ULTIM)
GE	GE432-120RES-DIY	UNIVERSAL	B432IUNVHP-A(ULTIM)
GE	GE132MAXP-H/ULTRA	PHILIPS ADVANCE	IOP-1PSP32-LW-SC
GE	GE132MAX-L/ULTRA	PHILIPS ADVANCE	IOP-2PSP32-LW-SC
GE	GE232MAX-L/ULTRA	PHILIPS ADVANCE	IOP-3PSP32-LW-SC
GE	GE332MAX-L/ULTRA	PHILIPS ADVANCE	IOP-4PSP32-LW-SC
GE	GE432MAX-L/ULTRA	KEYSTONE	KTEB-232RIS-1-TP-SL

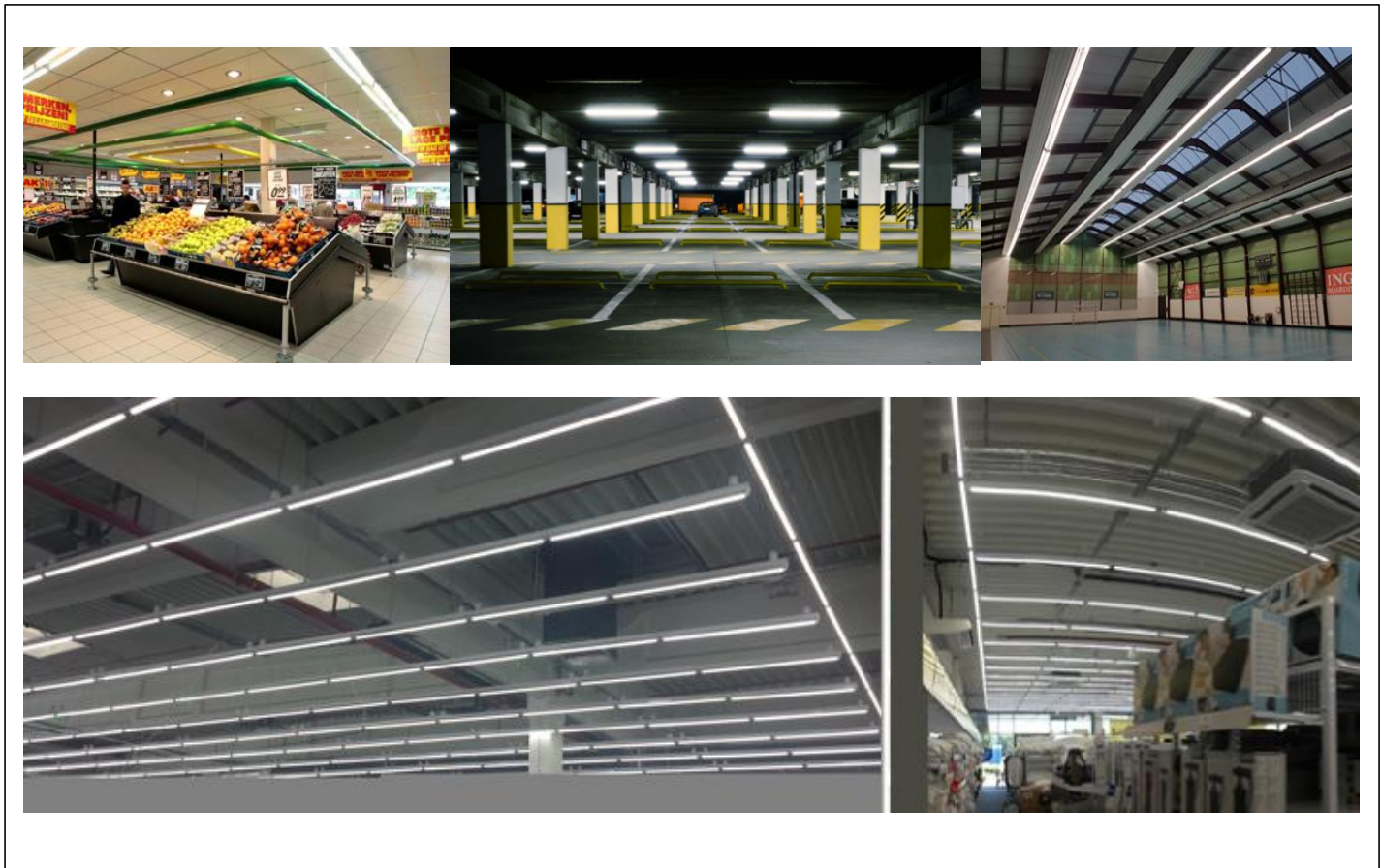


## Applications

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- (1) Can be one end powered and two ends powered
- (2) Can use with normal AC Power (without ballast)
- (3) Can be compatible with magnetic ballast.
- (4) Can be compatible with electronic ballast.

Lamps are widely used in the area of offices, exhibitions, hospitals ,workshops, meeting room, schools, hotels etc.



**For more information, please contact:**

Name:  
Tel:  
Email:  
Wechat