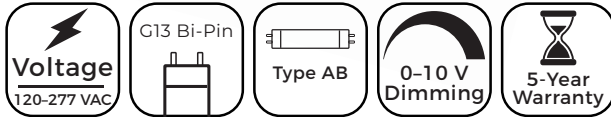


## T8Ux Series

LED Tube Specifications

Project \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_



### Description

Universal 3-in-1 LED tubes are a mercury-free replacement for conventional fluorescent T8 lamps and can be used as both Type A (ballast-compatible) and Type B (ballast-bypassable). These are a perfect solution for a variety of commercial and industrial settings. 50,000 hour rated lifespan and high energy efficiency mean they consume less power and last longer than conventional T8 lamp.

### Mechanical

- Aluminum end caps and glass lens
- 4 ft and 2 ft lengths available
- Suitable for dry and damp locations

### Electrical

- 120-277 VAC input with  $\geq 0.9$  power factor
- 80+ CRI
- L70 rated 50,000 hour lifetime
- G13 bi-pin electrical connection
- Single- or dual-sided ballast bypass or direct ballast compatible installation
- 0-10 V dimmable (requires compatible ballast on Type A and dimming module on Type B)

### Photometrics

- 120 lm/W efficacy (tested on Type A)
- 80+ CRI, available at 4000K or 5000K
- 220° beam angle

### Ballast Compatibility

Compatible with most common electronic ballasts. See list for specific ballast compatibility information.

### Available Models<sup>1</sup>

- |   |   |
|---|---|
| 4 ft                                    | 2 ft                                    |
| <input type="checkbox"/> T8U4-40K15-AFN | <input type="checkbox"/> T8U2-40K10-AFN |
| <input type="checkbox"/> T8U4-40K18-AFN | <input type="checkbox"/> T8U2-50K10-AFN |
| <input type="checkbox"/> T8U4-50K15-AFN |   |
| <input type="checkbox"/> T8U4-50K18-AFN |   |

### Part Number Breakdown

Example: T8U4-40K18-AFN

Family	Length	Color Temperature	Wattage	End Cap and Lens Material	Cert. Type
T8U	2 [2 ft]	40K [4000K] or 50K [5000K]	10 [10 W]	AF [aluminum end cap / frosted glass lens]	N [UL]
	4 [4 ft]		15 [15 W]		
			18 [18 W]		

### Certifications and Compliances

These are UL Listed in compliance with UL 1993 (OOLV) and UL Classified in compliance with UL 1598C (IFAR). They are also DLC 5.1 Standard listed.



### Application

These easily replace inefficient fluorescent tubes found in troffers, linear low bay lights, and lighted signs without the need for a new fixture. Common applications include warehouses, workshops, supermarkets, factories, gyms, general retail locations, offices, schools, hospitals, and other areas currently utilizing inefficient fluorescent tubes.

### Warranty

Five (5) Year Warranty



<sup>1</sup>Contact customer service if interested in models other than those listed.

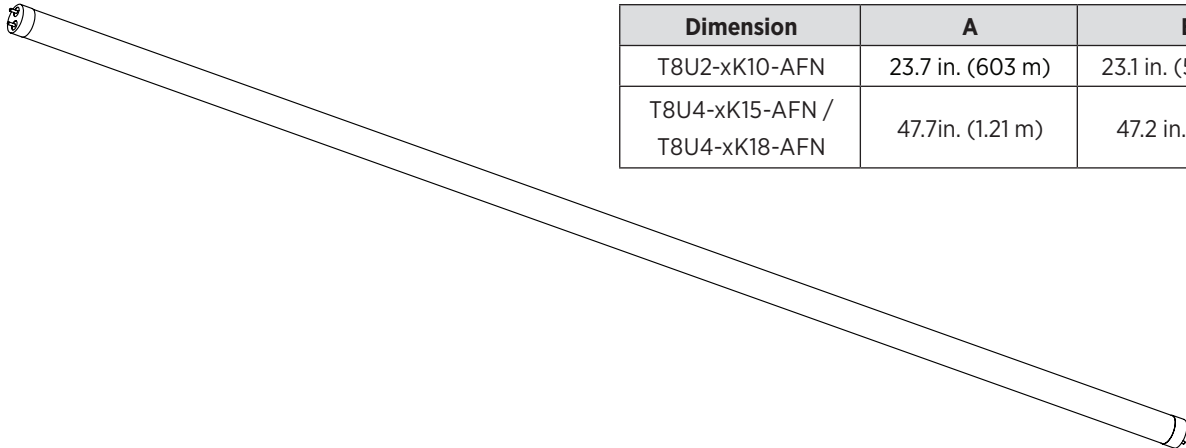
# T8Ux Series

## LED Tube Specifications

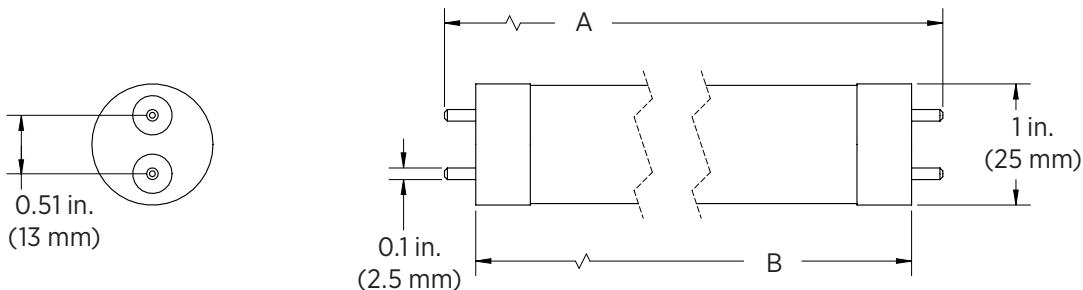
### Specifications

Model	T8U2-xK10-AFN	T8U4-xK15-AFN	T8U4-xK18-AFN
Intensity	1,400 lm	2,025 lm	2,520 lm
Operating Voltage	120-277 VAC		
Power Consumption	10 W [Type B] 12 W [Type A]	15 W [Type B] 17.5 W [Type A]	18 W [Type B] 20.5 W [Type A]
Current Draw	83 mA @120 VAC / 36 mA @ 277 VAC [Type B] 100 mA @ 120 VAC / 43 mA @ 277 VAC [Type A]	125 mA @ 120 VAC / 54 mA @ 277 VAC [Type B] 146 mA @ 120 VAC / 63 mA @ 277 VAC [Type A]	150 mA @ 120 VAC / 65 mA @ 277 VAC [Type B] 171 mA @ 120 VAC / 74 mA @ 277 VAC [Type A]
Efficacy	120 lm/W		
Color Temperature	4000K or 5000K (as ordered)		
Beam Angle	220°		
CRI	80+		
Dimming	0-10 V dimming with compatible ballast (Type A) or using dimming module (Type B)		
IP Rating	IP20		
Ambient Operating Temperature	-4°-113° F (-20°-45° C)		
Rated Life (L70)	50,000 hours		

### Dimensional Drawing



Dimension	A	B
T8U2-xK10-AFN	23.7 in. (603 mm)	23.1 in. (588 mm)
T8U4-xK15-AFN / T8U4-xK18-AFN	47.7 in. (1.21 m)	47.2 in. (1.2 m)

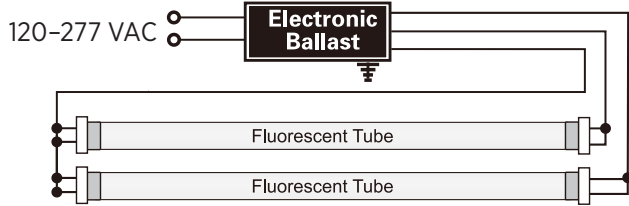


## T8Ux Series

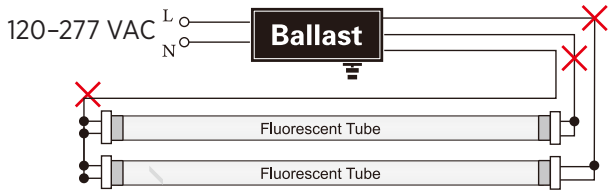
LED Tube Specifications

### Wiring Diagrams

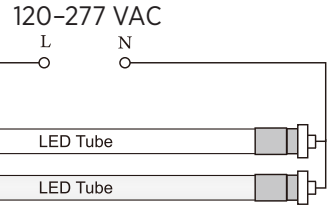
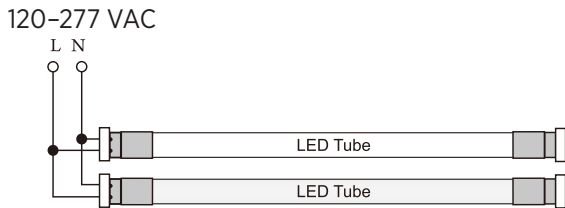
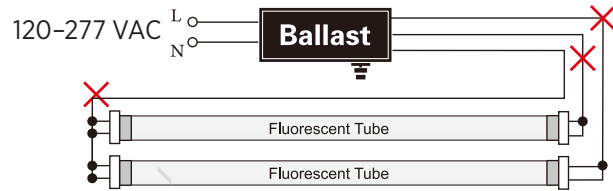
**Type A**



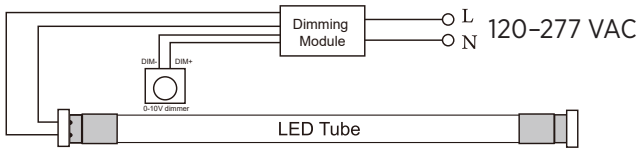
**Type B (single end)**



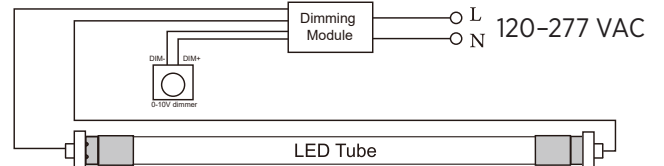
**Type B (dual end)**



**with dimming**



**with dimming**



# T8Ux Series

## LED Tube Specifications

### Ballast Compatibility

Accupro	
1	AP-432IP-UNV
2	AP-332IP-UNV-M
Advance	
1	IOPA-4P32-LW-N
Esen	
1	VE232MVHIPL
2	VE232MVHIPE
3	VE432MVHIPE
4	VE432MVHIPL
5	VE432120HIP
GE	
1	GE232MAX-L/Ultra
2	GE332MAX-N/Ultra
3	GE232MAX347-N
4	GE432MAX347-N
5	GE232-MVPS-N
6	GE332-MVPS-N
7	GE432-MVPS-N
8	GE432-120RESDIYB
9	GE-240-RS-MV-N
10	GE232-N-347
11	GE132MAX-H/ULTRA

Halco	
1	EP232IS/L/MV/HE
Howard Industries	
1	EP3/32IS/MV/MC/HE
Keystone	
1	KTEB-232RIS-1-TP-SL
2	KTEB-232RIS-1-TP-SL/Ga
Osram	
1	QHE 2x32T8/UNV ISN-SC
2	QHE 3x32T8/UNV ISN-SC
3	QHE 3x32T8/UNV PSN-SC
Philips	
1	ICN-2P32-N
2	ICN-3P32-N
3	ICN-2S40-N
4	IOP-4P32-LW-N
5	IOPA-1P32-N
6	IOPA-4P32-N
7	IOPA-2P32-LW-N
8	IOP-3P32-N

Sylvania	
1	QHE 1x32T8/UNV ISN-SC
2	QHE 3x32T8/UNV ISL-SC
3	QTP 2x32T8/UNV ISL-SC
4	QT 4X32/120 LP
5	QT 2x32 T8/347 ISL-SC
6	QHE 4x32T8/347 ISN-SC
7	QHE 4x32T8/347 ISL-SC
Triad	
1	B232IUNVHP-N
2	B332IUNVHP-A
3	B432IUNVHP-A
4	B232IUNVHP-B
Universal	
1	B332IUNVHE-A
2	B432IUNVHE-A
3	B232IUNVEL-N
4	B332IUNVEL-A
5	B232IUNVHEH-A
6	B332PUNVHE-A
7	B432IUNVEL-A
Work Horse	
1	WH3-120-C
2	WH3-120-L
Pacific Fluorescent	
1	EB-232IS-120-RES

