superbrightleds.com

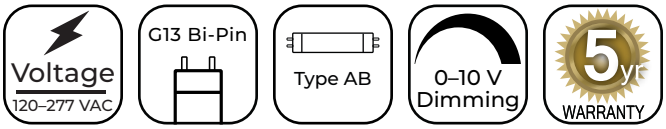
T8Ux Series

LED Tube Specifications

Project _____

Date _____ Type _____

T8U4-40K15-AFN



Available Models[1]

4 ft
- ☐ T8U4-40K15-AFN
- ☐ T8U4-40K18-AFN
- ☐ T8U4-50K15-AFN
- ☐ T8U4-50K18-AFN

2 ft
- ☐ T8U2-40K10-AFN
- ☐ T8U2-50K10-AFN

Part Number Breakdown

Example: T8U4-40K18-AFN

Series	Length	CCT	Wattage	Materials	Cert. Type
T8U	**2** [2ft]	**40K** [4000K] or **50K** [5000K]	**10** [10W]	**AF** [aluminum end cap, frosted glass lens]	**N** [UL]
	4 [4ft]		**15** [15W]		
			18 [18W]		

Overview

Update nearly any 2' or 4' fluorescent fixture with the universal 3-in-1 design of T8U series T8 LED Tube. Simply plug-and-play with Type A compatibility, or bypass the ballast for Type B luminaires. Conveniently replace traditional fluorescent tubes according to the existing system, with nearly half the wattage. The frosted glass lens distributes diffused, efficient task light for offices, schools, or any other commercial setting.

Features

- Versatile retrofit capabilities with 130 lm/W
- Plug and play Type A - dual-ended
- Bypass ballast for Type B - single or dual-ended
- Replaces 2' 17W or 4' 32W T8 fluorescent tubes
- 120–277 VAC

Product Details

- Single or dual-ended, G13 bi-pin base
- Available in 4000K or 5000K
- 120-277 VAC input
- 50000 hours L70 lifespan

Ballast Compatibility

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

Certifications and Compliances

- UL Listed - UL 1993 (OOLV)
- UL Classified - UL 1598C (IFAR)
- DLC 6.0 Standard listed

Applications

- Commercial Buildings
- Factories
- Hospitals
- Industrial Facilities
- Offices
- Schools

Warranty

- 5-year warranty

T 866.811.5550 | **F** 314.972.6202
https://www.superbrightleds.com
email: commercial-sales@superbrightleds.com

[1]Contact customer service for additional options.

Rev V3.1 Date: 09/04/2026
Specifications are subject to change without notice

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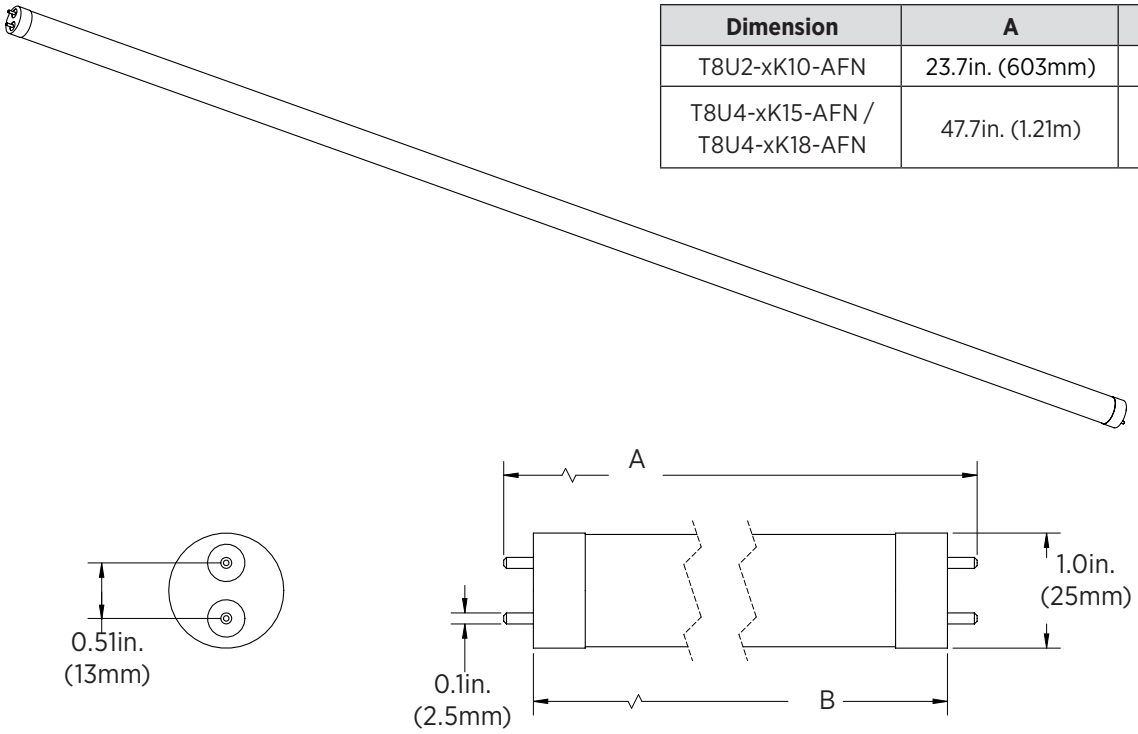
SPECIFICATIONS					
Model			**T8U2-xK10-AFN**	**T8U4-xK15-AFN**	**T8U4-xK18-AFN**
Lumens			1560 lumens	2145 lumens	2730 lumens
Wattage			10W [Type B] 12W [Type A]	15W [Type B] 16.5W [Type A]	18W [Type B] 21W [Type A]
Current Draw	Type B	120 VAC	83 mA	125 mA	150 mA
		277 VAC	36 mA	54 mA	65 mA
	Type A	120 VAC	100 mA	138 mA	175 mA
		277 VAC	43 mA	60 mA	76 mA
Operating Voltage			120–277 VAC		
Efficacy			130 lm/W		
Color Temperature			4000K or 5000K (as ordered)		
Beam Angle			220°		
CRI			80+		
Dimmer Type			0–10 V dimming with compatible ballast (Type A) or using dimming module (Type B)		
IP Rating			IP20		
Rated Life (L70)			50000 hours		
Ambient Operating Temperature			-20 to 45°C (-4 to 113°F)		

Dimensional Drawing

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



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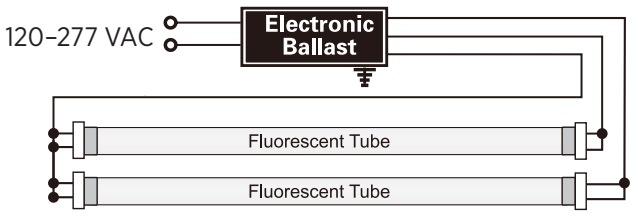
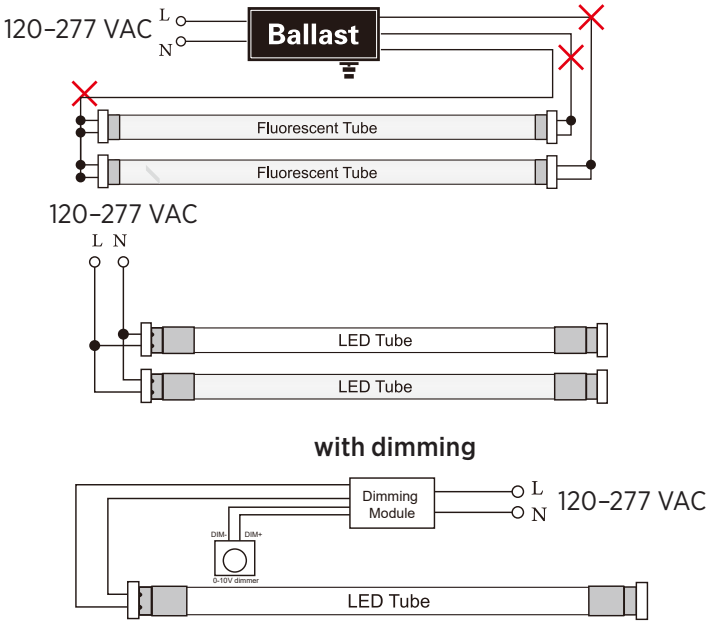
Wiring Diagrams

Type A



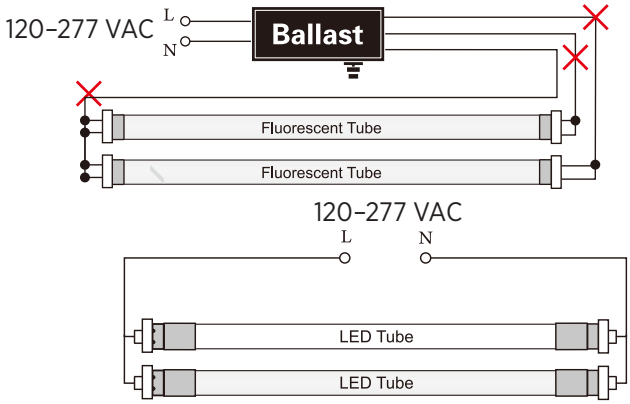
Model	DLC Product ID
T8U2-40K10-AFN	PVZ2EDY9
T8U2-50K10-AFN	PH4IOHEO
T8U4-40K15-AFN	P1B39MYE
T8U4-50K15-AFN	PQEXMTBB
T8U4-40K18-AFN	PDABFYP7
T8U4-500K18-AFN	PW223GPP

Type B (single end)

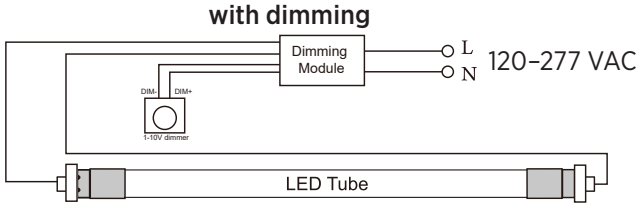


with dimming

Type B (dual end)



with dimming



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Ballast Compatibility

Accupro	
1	AP-432IP-UNV
2	AP-332IP-UNV-M

Advance	
1	IOPA-4P32-LW-N

Espen	
1	VE232MVHIPLE
2	VE232MVHIPE
3	VE432MVHIPE
4	VE432MVHIPLE
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	B4321UNVEL-A

Work Horse	
1	WH3-120-C
2	WH3-120-L

Pacific Fluorescent	
1	EB-232IS-120-RES