

T8U4 Series

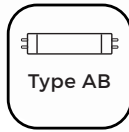
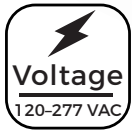
LED Tube Specifications

Project _____

Date _____ Type _____



T8U4-40K18-AFN



Description

Universal 3-in-1 LED tubes are a mercury-free replacement for 4 ft 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. These have a 50,000 hour lifespan and greatly increase energy efficiency as they consume less power than a conventional T8 lamp.

Mechanical

- Two models available—AFN models with aluminum end caps and glass lens and PFN models plastic end caps and shatterproof glass lens
- Operating Temperature of -4°-113° F (-20°-45° C)
- 4 ft length
- Suitable for dry and damp locations

Electrical

- 120-277 VAC input with ≥ 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

Photometrics

- 133 lm/W (15 W) or 128 lm/W (18 W) efficacy
- 80+ CRI, available in 4000K or 5000K
- 220° beam angle

Ballast Compatibility

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

Available Models¹

standard models

- T8U4-40K15-AFN
- T8U4-40K18-AFN
- T8U4-50K15-AFN
- T8U4-50K18-AFN

shatter-resistant models

- T8U4-40K18-PFN
- T8U4-50K18-PFN

Part Number Breakdown

Example: T8U4-40K18-AFN

Family	Color Temperature	Wattage	End Cap and Lens Materials
T8U4	40K [4000K] or 50K [5000K]	15 [15 W]	AFN [aluminum end cap with frosted glass lens]
		18 [18 W]	PFN [plastic end cap with shatter-resistant, frosted glass lens]

Certifications and Compliances

These are UL Listed in compliance with UL 1993 (OOLV), UL Classified in compliance with UL 1598C (IFAR), and are DLC listed. PFN models are also ETL Sanitation Listed in compliance with NSF Std. 2.



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. In addition, PFN models are also well suited for food prep and food storage locations such as kitchens, restaurants, and more.

Warranty

Five (5) Year Warranty



T 314.743.3067
F 314.972.6202
email: commercial-sales@superbrightleds.com
www.superbrightleds.com/cat/industrial-led-lighting/

¹Contact customer service if interested in models other than those listed.

T8U4 Series

LED Tube Specifications

Specifications

Model	T8U4-xK15-AFN	T8U4-xK18-AFN / T8U4-xK18-PFN
Intensity	2,000 lm	2,300 lm
Operating Voltage	120-277 VAC	
Power Consumption	15 W [Type B] 17.5 W [Type A]	18 W [Type B] 20.5 W [Type A]
Current Draw	0.13 A @120 VAC [Type B] 0.15 A @120 VAC [Type A]	0.15 A @120 VAC [Type B] 0.17 A @120 VAC [Type B]
Efficacy	up to 133 lm/W	up to 128 lm/W
Color Temperature	4000K or 5000K (as ordered)	
Beam Angle	220°	
CRI	80+	
Dimming	none	
IP Rating	IP20	
Ambient Operating Temperature	-4°-113° F (-20°-45° C)	
Product Weight	1.15 lb (0.52 kg)	

Dimensional Drawings

