

DESCRIPTION

Suitable for use with or without a ballast, these color selectable LED T8 hybrid tubes outperform and outlast traditional T8 fluorescent tubes.

FEATURES

- Frosted glass lens reduces visual glare
- Suitable for use in enclosed fixtures
- Instantaneous full light output upon power-up
- No rewiring or modifications of any kind required for plug-and-play (Type A) operation; must be used with a compatible ballast, see ballast compatibility sheet for full list of compatible ballasts
- Can operate directly off of line voltage for ballast bypass (Type B) operation; ballast must be removed and fixture rewired for single-ended or double-ended operation during installation; see installation instructions for more information
- Solid state replacement for 4 ft. F32T8 tubes
- Delivers 139 Lumens per Watt for highly efficient performance depending on color temperature selected; see Selectable Table for full breakdown
- Operates on most electronic T8 (instant & programmed rapid start) ballasts, select electronic (pre-heat) ballasts, select dimming ballasts, and AC emergency ballasts as listed in compatibility list. See Installation Sheet for full list of compatible ballasts.
- Color temperature can be adjusted using the slider switch on the end of the tube; see installation instructions for more information

LISTINGS

- ETL Listed for damp locations
- DLC
- FCC Part 15 Class B

Project name

Catalog number

Comments

Approved by



Voltage

Date



WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Office Lighting
- High Bays
- Industrial Strips
- Warehouses
- Stairwells
- Cold Storage

PERFORMANCE	Power Consumption	15, 16.5, 18, 20 Watt
	CRI	83
	Beam	220°
	CCT*	3000K, 3500K, 4000K, 5000K, 6500K
	LED L70 Life Hours	50,000
ELECTRICAL	Power Factor	0.9
	THD	<20%
	Input Voltage	120-277V
	Surge Protection	500V
CONSTRUCTION	Operating Temperature	-4°F to 113°F (-20°C to 45°C)
	Base	Medium Bi-Pin
	Lens	Frosted
	Certifications	ETL Listed; DLC
LISTINGS	Material Usage	RoHS - No mercury or lead
	Environment	Suitable for Damp Locations

PERFORMANCE SUMMARY

Item #	Length	Watts*	CCT*	CRI	Beam	Envelope	LED L70 Life Hours
SB-MS4T8A14D-XXK	4'	14	3000K / 3500K / 4000K / 5000K / 6500K	83	220°	PC	50,000
SB-MS4T8A18D-XXK	4'	18	3000K / 3500K / 4000K / 5000K / 6500K	83	220°	PC	50,000

* See Selectable Table for full breakdown

SKU	Wattage	Operation	CCT	Voltage	Lumens	LPW
SB-MS4T8A14D-XXK	14	Type A+B	3000K	120v	1988	133
				277v	1979	132
			3500K	120v	2059	137
				277v	2063	138
			4000K	120v	2073	138
				277v	2086	139
			5000K	120v	2064	138
				277v	2069	138
			6500K	120v	1994	133
				277v	2001	133
SB-MS4T8A18D-XXK	18	TypeA+ B	3000K	120v	2356	131
				277v	2342	130
			3500K	120v	2440	136
				277v	2428	135
			4000K	120v	2454	136
				277v	2439	136
			5000K	120v	2409	134
				277v	2428	135
			6500K	120v	2302	128
				277v	2330	129

WIRING DIAGRAM

TYPE A+B NON-DIMMING

1. Single-ended power input



Input voltage:120-277V 50/60Hz

2. Double-ended power input



Input voltage:120-277V 50/60Hz

DIMENSIONS

Length – 47.17"

Diameter – 1"