LightingScience

Lighting Science Pro T8 LINEAR

Benefits

- Non Ballasted Retrofit for existing T-8 Lamps
- Epistar LED Chip
- Dynamic thermal design that forces heat away from critical components
- Consumes up to 50% less energy compared to traditional fluroescent technology
- Minimized labor cost for a retrofit installation
- Internal driver configuration
- Frosted or clear acrylic lens
- Glass free, vibration and impact resistant
- No mercury allowing for non-hazardous waste disposal

FEATURES[1]

Lengths Available		2ft, 4ft
Direct Replacement	2ft 4ft	F17T8 17W F32T8 32W, F32T8 30W, F32T8 28W, F32T8 25W
CCT		3000/4000/5000
Rated Lifetime		50,000 hours
Wattage	2ft 4ft	10W 18W
CRI		≥80
Voltage		85-277VAC
Power Factor		>0.90
2ft Input Current at 120V 2ft Input Current at 277V		0.098A 0.043A
4ft Input Current at 120V 4ft Input Current at 277V		0.156A 0.072A
THD		≤20%
Operating Temperature		-20° to + 50° C
Socket		G13 medium bi-pin
Beam Spread		150°
Weight	2ft 4ft	0.65lbs 1.3lbs
Housing		Natual Aluminum
Dimensions L x D	2ft 4ft	23.1in (588mm) x 1.0in (25.4mm) 47.2in (1198mm) x 1.0in (25.4mm)
Dimmable		No
Warranty		5 year limited

1 Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

ORDERING INFORMATION \\ LSPro T8 WW 48 18W FR

Family	Color (CCT)		Size & Wattage		Lens	
LSPro T8 T8 Linear	**WW**	3000K	**24 10W**	2 feet length - 10 Watts	**FR**	Frosted Lens
	NW	4000K	**48 18W**	4 feet length - 18 Watts	**CLR**	Clear Lens
	CW	5000K				

NORTH AMERICAN CERTIFICATIONS

ENVIRONMENT

DRY

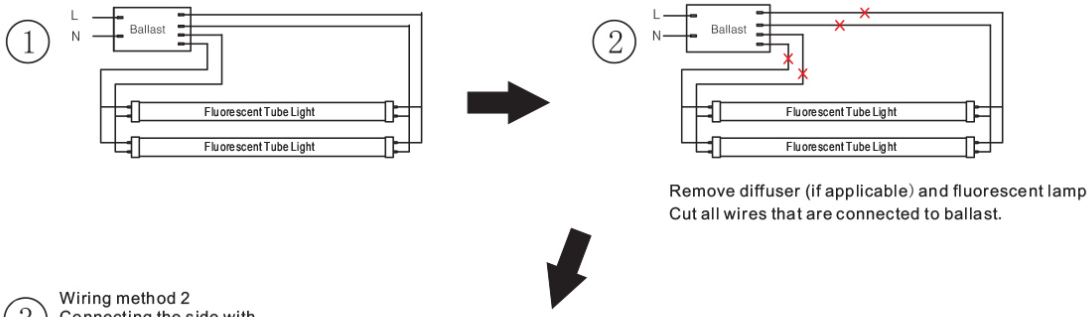
LightingScience

T8

Part Number	Length	CCT	Wattage	Lumens	Efficacy	Beam Angle	Voltage	CRI
LSPro T8 WW 24 10W FR	2ft	3000K	10W	1010	101	150	85-277 VAC	≥80
LSPro T8 WW 24 10W CLR	2ft	3000K	10W	1080	108	150	85-277 VAC	≥80
LSPro T8 NW 24 10W FR	2ft	4000K	10W	1020	102	150	85-277 VAC	≥80
LSPro T8 NW 24 10W CLR	2ft	4000K	10W	1150	115	150	85-277 VAC	≥80
LSPro T8 CW 24 10W FR	2ft	5000K	10W	1050	105	150	85-277 VAC	≥80
LSPro T8 CW 24 10W CLR	2ft	5000K	10W	1210	121	150	85-277 VAC	≥80
LSPro T8 WW 48 18W FR	4ft	3000K	18W	1800	100	150	85-277 VAC	≥80
LSPro T8 WW 48 18W CLR	4ft	3000K	18W	1980	110	150	85-277 VAC	≥80
LSPro T8 NW 48 18W FR	4ft	4000K	18W	1840	102	150	85-277 VAC	≥80
LSPro T8 NW 48 18W CLR	4ft	4000K	18W	2060	114	150	85-277 VAC	≥80
LSPro T8 CW 48 18W FR	4ft	5000K	18W	1900	106	150	85-277 VAC	≥80
LSPro T8 CW 48 18W CLR	4ft	5000K	18W	2150	119	150	85-277 VAC	≥80

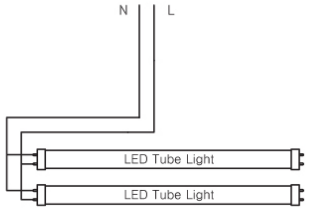
INSTALLATION INSTRUCTIONS

Retrofit Luminaire with two lamps and one ballast



Remove diffuser (if applicable) and fluorescent lamp
Cut all wires that are connected to ballast.

3 Wiring method 2
Connecting the side with
"AC Input" label into the holder with "L"& "N" wires.
The tube will not be damaged if installed in reverse



Connect two wires to branch circuit L and N
according to the figure above.

INSTALLATION

Please visit our website for detailed installation instructions. The LSPro T8 lamp requires non-shunted G13 medium bi-pin lamp holders.

CAUTIONS

- Turn power off before inspection, installation, or removal.
- Risk of Electric Shock – Use in damp locations only. Do not use where directly exposed to water or weather.
- Do not open – no user serviceable parts inside.
- North America use on 120VAC, 50 - 60 Hz circuits.
- This device is not intended for use with emergency exit fixtures or emergency exit lights.
- This device complies with Part 15 of the FCC rules and has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Any changes or modifications not expressly approved by the manufacturer could void the userfts authority to operate the equipment."

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