



T8 T8 Dual Mode

FEATURES

- Hybrid dual mode for use with electronic ballasts or direct line voltage
- Direct replacement for conventional linear fluorescent tubes
- Single- or Double-End powered when operated on line voltage
- Up to 80% energy savings
- Ultra-high performance LED delivers >150 lpw
- Suitable for use in totally enclosed fixtures
- Compatible with select emergency battery backup
- Does not operate on magnetic ballasts
- Does not operate on T12 ballasts
- UL Listed
- Compatible with select electronic ballasts or direct line voltage 120-277V

WARRANTY

- 5 year limited warranty. Additional warranty options available. Contact EiKO for details

APPLICATIONS

- Highbay
- Troffers
- Industrial Strips
- Cove Lighting
- Warehouses
- Stairwells
- Cold Storage

project name	type
catalog number	voltage
approved by	date



PERFORMANCE	Bare Lamp Wattage	12W
	Lumens	1,800
	Efficacy (LPW)	150
	CRI	80+
	CCT	3500K, 4000K, 5000K
	Life (L70)	50,000 hours
ELECTRICAL	Power Factor	≥0.9
	THD	<20%
	Input Voltage	120-277V
CONSTRUCTION	Operating Temperature	-4°F to 113°F (-20°C to 45°C)
	Finish	Frosted Glass
	Base	G13
LISTINGS	Certification(s)	DesignLights Consortium® Qualified; cULus Listed
	Material Usage	RoHS Compliant; no mercury or lead
	Environment	UL Listed for damp locations



PERFORMANCE SUMMARY

ORDER CODE	ITEM #	LENGTH	WATTS	LUMENS	LPW	CRI	CCT	MATERIAL	VOLTS	LIFE HOURS
12500	LED12WT8/48/835-DM-A	4'	12W	1,800	150	>80	3500K	Frosted Glass	120-277V	50,000
12501	LED12WT8/48/840-DM-A	4'	12W	1,800	150	>80	4000K	Frosted Glass	120-277V	50,000
12502	LED12WT8/48/850-DM-A	4'	12W	1,800	150	>80	5000K	Frosted Glass	120-277V	50,000

PRODUCT DIMENSIONS



OPTION 1: Connecting AC line voltage to a non-shunted socket on only one end (single-ended mode). Bring line and neutral to pins “N1” and “L.” Do not connect “N2” and “N3” - damage may result.



OPTION 2: Connecting AC line voltage to non-shunted sockets on both ends (double-ended mode). Bring line to both “N1” and “L.” Bring neutral to both “N2” and “N3.”



OPTION 3: Connecting AC line voltage to shunted sockets on both ends (double-ended mode). Bring line to N1/L side and neutral to N2/N3 side.