CONTRACTOR LIGHTING & SUPPLY
WWW.CONTRACTORLIGHTING.COM

PROJECT
TYPE
CATALOG #

12-LAMPS-T8

T8 LED TUBES-4FT & 8FT

HOUSING
- Full glass housing. Internal coated glass tube.

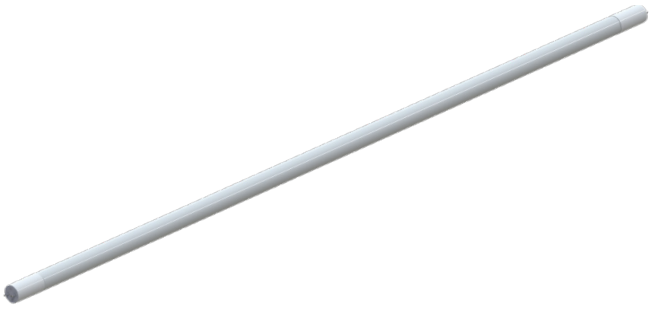
ELECTRICAL
- Operating temperature (ambient): -20°C to 45°C (-4°F to 113°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- Replacement for conventional fluorescent lamp.
- Input transient surge protection =1kV.
- Power Factor > 0.90.
- Total Harmonic Distortion < 20%.

OPTICAL SYSTEM
- Efficacy up to 140 Lumens per Watt.
- Available color temperatures: 4000K or 5000K.
- 12-T8L-IDFH13-2200-4ft-CBA-7B delivers 2,172 nominal lumens.
- 12-T8L-IDFH13-2200-4ft-EBA-7B delivers 2,208 nominal lumens.
- 12-T8L-IDFH11-5500-8ft-CBA-7X delivers 5,305 nominal lumens.
- Color Rendering Index > 80.

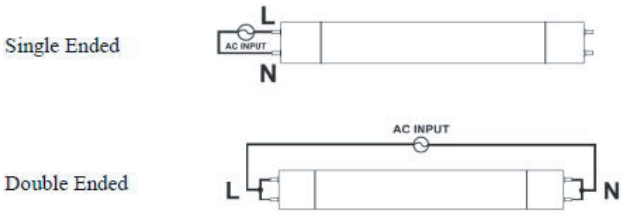
CODE COMPLIANCE
- cULus listed for damp locations.
- Complies with FCC Part 15, Class B.

WARRANTY
- 5-year warranty on all electronics and housing.

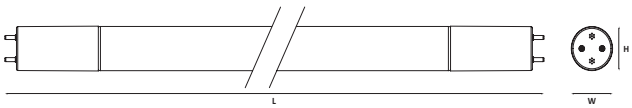
*Default color temperature 4000K, and highest lumen output.



WIRING DIAGRAM†



†12-T8L-IDFH11-5500-8FT is single ended only.



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
12-T8L-IDFH13-2200-4FT-CBA-7B	47.17	1.02	1.02	0.44
12-T8L-IDFH13-2200-4FT-EBA-7B	47.17	1.02	1.02	0.44
12-T8L-IDFH11-5500-8FT-EBA-7X	93.25	1.10	1.10	0.88

CERTIFIED · FC · 1kV SURGE PROTECTION · DAMP

PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT & KELVIN TEMPERATURE	
12-T8L-IDFH13-2200-4FT	CBA-7B	2200 lm and 4000K
	EBA-7B	2200 lm and 5000K
12-T8L-IDFH11-5500-8FT	EBA-7X	5100 lm and 5000K

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LUMEN TABLES & ELECTRICAL DATA

Series	Measurements		Lumen
			4000K
12-T8L-IDFH13-2200-4FT-CBA-7B	Lumens		2,172
	Watts		15.5
	Efficacy		140
	Input Current (A)	120V	0.13
		240V	0.06
		277V	0.06

Series	Measurements		Lumen
			5000K
12-T8L-IDFH13-2200-4FT-EBA-7B	Lumens		2,208
	Watts		15.8
	Efficacy		140
	Input Current (A)	120V	0.13
		240V	0.07
		277V	0.06

Series	Measurements		Lumen
			5000K
12-T8L-IDFH11-5500-8FT-EBA-7X	Lumens		5,388
	Watts		40.5
	Efficacy		133
	Input Current (A)	120V	0.34
		240V	0.17
		277V	0.15