CONTRACTOR LIGHTING & SUPPLY
WWW.CONTRACTORLIGHTING.COM

PROJECT
TYPE
CATALOG #

12-LAMPS-T8

T8 LED TUBES KELVIN & LUMEN SELECTABLE

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.
- Field selectable 3000K, 3500K, 4000K, 5000K, and 6500K color temperatures.*
- 12-L8L1BPMFHG2111215A8TSE22004C01 Selectable output delivers from 1,440 to 2,420 nominal lumens, with 3 settings.*
- 12-L8L2BPDFHG1243240A8TSE55008CG1 Selectable output delivers from 2,970 to 6,050 nominal lumens, with 3 settings.*
- Color Rendering Index > 80.

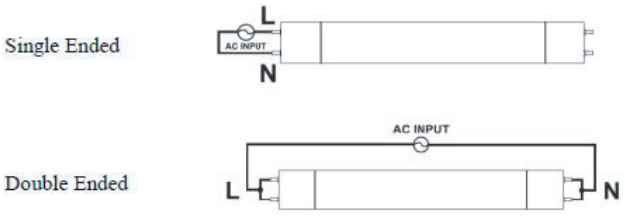
CODE COMPLIANCE
- cULus listed for damp locations.
- Complies with FCC Part 15, Class A.

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

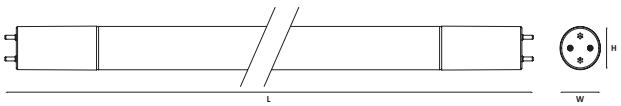
*Default color temperature 4000K, and highest lumen output.



WIRING DIAGRAM†



†12-L8L2BPDFHG1243240A8TSE55008CG1 is single ended only.



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
12-L8L1BPMFHG2111215A8TSE22004C01	47.17	1.02	1.02	0.46
12-L8L2BPDFHG1243240A8TSE55008CG1	93.25	1.10	1.10	0.93

UL CERTIFIED · FC · 1kV SURGE PROTECTION · DAMP

PRODUCT PARAMETERS

MODEL	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN (SELECTABLE)
12-L8L1BPMFHG2111215A8TSE22004C01	1,650/ 1,800/ 2,200 lm	3000/3500/4000/5000/6500K
12-L8L2BPDFHG1243240A8TSE55008CG1	3,500/4,400/5,500 lm	

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LUMEN TABLES & ELECTRICAL DATA

Model	Measure-ments		High Lumen					Medium Lumen					Low Lumen				
			3000K	3500K	4000K	5000K	6500K	3000K	3500K	4000K	5000K	6500K	3000K	3500K	4000K	5000K	6500K
12-L8L1B-PMF HG2111215A8TSE22004C01	Lumens		2,000	2,093	2,153	2,172	2,095	1,654	1,716	1,753	1,768	1,726	1,552	1,606	1,641	1,655	1,618
	Watts		14.8	14.8	14.6	14.7	14.8	11.5	11.6	11.4	11.5	11.5	10.7	10.7	10.6	10.6	10.7
	Efficacy		135	141	148	148	142	143	148	153	154	150	145	150	155	156	152
	Input Current (A)	120V	0.12	0.12	0.12	0.12	0.12	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09
		240V	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
		277V	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

Model	Measure-ments		High Lumen					Medium Lumen					Low Lumen				
			3000K	3500K	4000K	5000K	6500K	3000K	3500K	4000K	5000K	6500K	3000K	3500K	4000K	5000K	6500K
12-L8L2B-PDF HG1243240A8TSE55008CG1	Lumens		5,128	5,192	5,293	5,347	5,288	4,283	4,361	4,418	4,464	4,459	3,351	3384.2	3422.5	3461.9	3466.8
	Watts		39.7	39.8	40.0	40.1	39.9	31.3	31.4	31.5	31.6	31.6	23.0	23.1	23.2	23.2	23.1
	Efficacy		129	130	132	133	133	137	139	140	141	141	146	147	148	149	150
	Input Current (A)	120V	0.33	0.33	0.33	0.33	0.33	0.26	0.26	0.26	0.26	0.26	0.19	0.19	0.19	0.19	0.19
		240V	0.17	0.17	0.17	0.17	0.17	0.13	0.13	0.13	0.13	0.13	0.10	0.10	0.10	0.10	0.10
		277V	0.14	0.14	0.14	0.14	0.14	0.11	0.11	0.11	0.11	0.11	0.08	0.08	0.08	0.08	0.08