

GENERAL TECHNICAL DETAILS – BALLAST DATA (SOUND RATED A)

Linear Fluorescent Ballast - Electronic

LAMP TYPE	LAMP WATTS	MINIMUM STARTING (F°)	PRIMARY VOLTAGE	OPERATING CURRENT	INPUT WATTAGE	BALLAST FACTOR	THD	POWER FACTOR
Instant Start F32 – F96T8								
L2F32T8/U	32	0°	120	.49	58	.87	20	.98
			277	.21				
2F32T8/U	32	0°	120	.50	59	.88	10	.99
			277	.21				
2F32T8/U	32	0°	120	.71	85	1.32	20	.98
			277	.31				
3F32T8/U	32	0°	120	.71	85	.88	.20	.98
			277	.31				
3F32T8/U	32	0°	120	.79	94	1.00	10	.99
			277	.34				
3F32T8/U	32	0°	120	.93	111	1.19	20	.98
			277	.40				
4F32T8/U	32	0°	120	.94	112	.88	20	.98
			277	.41				
4F32T8/U	32	0°	120	.94	112	.88	10	.99
			277	.41				
2F96T8	59	32°	120	.94	110	.85	20	.98
			277	.41				
2F96T8	59	32°	120	1.19	140	1.10	20	.98
			277	.52				
Rapid Start F32 – F96T8HO								
2F32T8/U	32	32°	120	.53	63	.88	.10	.99
			277	.23				
3F32T8/U	32	32°	120	.78	91	.88	10	.99
			277	.34				
4F32T8/U	32	32°	120	1.03	121	.88	10	.99
			277	.45				
2F96T8HO	86	50°	120	1.36	160	.88	20	.98
			277	.60				
2F96T8HO	86	-20°	120	1.57	185	1.0	10	.98
			277	1.68				
Rapid Start F32 – F96T12HO								
2F96T12HO	110	-20°	120	1.74	205	.89	20	.98
			277	.76				
Rapid Start F28 – F54T5HO								
2F28T5	28	0°	120	.55	63	1.05	10	.98
			277	.23				
2F54T5HO	54	0°	120	1.00	120	1.00	10	.98
			277	.43	117			
2F54T5HO	54	0°	480	.25	119	1.00	10	.98
			120	1.52	182			
3F54T5HO	54	0°	277	.66	179	1.00	10	.98
			120	2.00	240			
4F54T5HO	54	0°	277	.234	234	1.00	10	.98
			120	2.34	234			

Compact Fluorescent Ballast - Electronic

LAMP TYPE	LAMP WATTS	MINIMUM STARTING (F°)	PRIMARY VOLTAGE	OPERATING CURRENT	INPUT WATTAGE	BALLAST FACTOR	THD	POWER FACTOR
Rapid Start Compact Fluorescent 13W – 120W								
1PLC13W/4P	13	0°	120	.13	16	1.0	10	.96
			277	.06				
2PLC13W/4P	13	0°	120	.25	29	1.0	10	.99
			277	.11				
1PLC18W/4P	18	0°	120	.16	19	1.0	10	.99
			277	.07				
2PLC18W/4P	18	0°	120	.30	35	1.0	10	.99
			277	.13				
1PLT18W	18	0°	120	.17	20	1.05	10	.97
			277	.08				
2PLT18W	18	0°	120	.33	39	1.05	10	.99
			277	.14				
1PLC26W/4P	26	0°	120	.23	27	1.0	10	.98
			277	.10				
2PLC26W/4P	26	0°	120	.43	52	1.0	10	.98
			277	.19				
1PLT26W	26	0°	120	.24	29	1.10	10	.98
			277	.11				
2PLT26W	26	0°	120	.46	55	1.0	10	.98
			277	.21				
1PLT32W	32	0°	120	.31	36	.98	10	.98
			277	.13				
2PLT32W	32	0°	120	.57	68	.98	10	.98
			277	.25				
1PLT42W	42	0°	120	.38	46	.98	10	.98
			277	.17				
2PLT42W	42	0°	120	.78	93	.97	10	.98
			277	.33				
1F57QBX/4P	57	14°	120	.50	59	.94	10	.98
			277	.21				
2F57QBX/4P	57	0°	120	1.07	127	1.0	10	.98
			277	.46				
1PLH60W/4P	60	-22°	120	.59	70	1.0	.10	.98
			277	.26			.15	
2PLH60W/4P	60	-22°	120	1.16	139	1.0	10	.98
			277	.50				
1F70QBX/4P	70	14	120	.63	75	.96	10	.98
			277	.27				
2F70QBX/4P	70	0°	120	1.30	153	1.01	10	.98
			277	.56				
1PL85W/4P	85	-22°	120	.82	97	1.0	10	.98
			277	.36				
1PLH120W/4P	120	-22°	120	1.16	136	1.0	10	.98
			277	.50				

- Actual input wattage depends on type of fixture, number of lamps, closure, etc.
See applicable fixture catalog sheet for actual wattage.
- Nominal voltage and voltage range shown, All data for 60Hz equipment.

GENERAL TECHNICAL DETAILS – BALLAST DATA

Twin Tube Fluorescent Ballast - Electronic

LAMP TYPE	LAMP WATTS	MINIMUM STARTING (F°)	PRIMARY VOLTAGE	OPERATING CURRENT	INPUT WATTAGE	BALLAST FACTOR	THD	POWER FACTOR
Rapid Start Long Twin Tube 36 – 80 Watt								
1PL-L36W	36-39	50°	120	.35	39	1.0	20	.98
			277	.15				
2PL-L36W	36-39	50°	120	.59	70	.85	20	.98
			277	.25				
2PL-L36W	36-39	0°	120	.75	89	1.20	10	.98
			277	.32				
3PL-L36W	36-39	0°	120	1.11	133	1.20	10	.98
			277	.49				
4PL-L36W	36-39	0°	120	1.47	176	1.20	10	.98
			277	.64				
1PL-L50W	50	50°	120	.46	54	.98	20	.98
			277	.20				
2PL-L50W	50	50°	120	.90	106	.98	20	.98
			277	.39				
2PL-L50W	50	0°	120	.99	118	1.10	10	.98
			277	.43				
2PL-L50W	50	0°	480	.25	118	1.10	10	.98
3PL-L50W	50	0°	120	1.49	.78	1.10	10	.98
			277	.65				
4PL-L50W	50	0°	120	1.96	235	1.10	10	.98
			277	.84				
1F55BX	55	50°	120	.43	51	.85	20	.98
			277	.20				
2F55BX	55	50°	120	.83	100	.84	20	.98
			277	.40				
2F55BX	55	0°	120	.94	112	.90	10	.98
			277	.41				
2F55BX	55	0°	480	.24	112	.90	10	.98
3F55BX	55	0°	120	1.41	169	.90	10	.98
			277	.61				
4F55BX	55	0°	120	1.86	222	.90	10	.98
			277	.80				
1PL-L80W	80	0°	120	.76	91	1.00	10	.98
			277	.33				

GENERAL TECHNICAL DETAILS – BALLAST DATA

Fluorescent Ballast - Magnetic

LAMP TYPE	POWER FACTOR	MINIMUM STARTING (F°)	PRIMARY VOLTAGE	OPERATING CURRENT	INPUT WATTAGE
Preheat—Trigger Start					
(1) F15WT8, T12	HPF	10°C/50°F	120	.27	32
		-18°C/0°F	277	.12	
(2) F15WT8, T12	HPF	-18°C/0°F	120	.47	53
			277	.20	56
Slimline and Instant Start					
(1) F48T12	HPF	-18°C/0°F	120	.55	61
			277	.24	
(2) F48T12	HPF	10°C/50°F	120	.85	102
			277	.37	
(1) F72, F96T12	HPF	-18°C/0°F	120	.85	100
			277	.35	
(2) F96T12	HPF	10°C/50°F	120	1.35	158
			277	.60	
Rapid Start					
(1) F25T8	HPF	10°C/50°F	120	.30	33
			277	.12	
(2) F25T8	HPF	10°C/50°F	120	.55	65
			277	.24	
(1) F30T12	HPF	10°C/50°F	120	.40	46
			277	.18	48
(2) F30T12	HPF	10°C/50°F	120	.68	81
			277	.30	
(1) F32T8	HPF	10°C/50°F	120	.32	37
			277	.14	
(2) F40T8	HPF	10°C/50°F	120	.61	71
			277	.26	
(1) F40T12 (34 WATT)	HPF	16°C/60°F	120	.38	43
			277	.16	
(2) F40T12 (34 WATT)	HPF	16°C/60°F	120	.63	72
			277	.27	
(1) F4T10, T12	HPF	10°C/50°F	120	.43	50
			277	.19	
(2) F4T10, T12	HPF	10°C/50°F	120	.73	86
			277	.32	
800MA—High Output					
(1) F48T12HO	HPF	10°C/50°F	120	.75	80
			277	.32	
(2) F48T12HO	HPF	10°C/50°F	120	1.30	145
			277	.56	
(1) F72 or F96T12HO	HPF	-28°C/-20°F	120	1.15	135
			277	.50	
(2) F96T12HO	HPF	-28°C/-20°F	120	2.05	237
			277	.88	

Magnetic - (cont.)

LAMP TYPE	POWER FACTOR	MINIMUM STARTING (F°)	PRIMARY VOLTAGE	OPERATING CURRENT	INPUT WATTAGE
1500mA—VERY HIGH OUTPUT/POWER GROOVE					
(1) F96PG/VHO/SHO	HPF	-28°C/-20°F	120	3.30	375
			277	1.35	
COMPACT FLUORESCENT					
(1) CFT7W	NPF	-18°C/0°F	120	.17	10
			277	.18	14
(1) CFT7W	HPF	-18°C/0°F	120	.10	12
			277	.07	13
(1) CFT9W	NPF	-4°C/25°F	120	.17	12
		-18°C/0°F	277	.18	16
(1) CFT9W	HPF	-4°C/25°F	120	.10	11
		-18°C/0°F	277	.07	13
(1) CFT13W	NPF	0°C/32°F	120	.30	17
		-18°C/0°F	277	.17	21
(1) CFT13W	HPF	0°C/32°F	120	.15	17
		-18°C/0°F	277	.90	21
(1) CFQ26W—QUAD	NPF	-4°C/25°F	120	.66	35
			277	.32	33
(1) CFQ26W—QUAD	HPF	-4°C/25°F	120	.24	28
			277	.12	33
TWIN FLUORESCENT					
(1) FT24W, 27W	HPF	10°C/50°F	120	.28	32
			277	.12	
(2) FT24W, 27W	HPF	10°C/50°F	120	.58	32
			277	.25	
(1) FT36W, 39W	HPF	10°C/50°F	120	.44	51
			277	.19	
(1) FT24W, 27W	HPF	10°C/50°F	120	.28	32
			277	.12	
(2) FT36W, 39W	HPF	10°C/50°F	120	.76	88
			277	.34	
(1) FT40W	HPF	10°C/50°F	120	.40	45
			277	.18	46
(2) FT40W	HPF	10°C/50°F	120	.69	82
			277	.32	

- Actual input wattage depends on type of fixture, number of lamps, closure, etc. See applicable fixture catalog sheet for actual wattage.
- Nominal voltage and voltage range shown, All data for 60Hz equipment.