

LED

4 ft. Plug-and-Play T8 Tube



FEATURES

- Suitable replacement for 32-Watt fluorescent T8 and T12 tubes
- Operates with an existing electronic ballast
- Compatible with shunted lampholders
- UL listed for damp locations
- Bi-Pin G13 base

TYPICAL APPLICATIONS

- Office spaces and conference rooms
- Classrooms and hallways
- Hospitals and lobbies



SKU#	Size	Lumens	Wattage	Kelvin	Operation	CRI	DLC?	Base	Warranty
PLT-90013	4 ft.	1700	12W	3500K	Plug-and-Play	80	NO	Medium Bi-Pin	3 Year

SPECIFICATIONS

BULB SHAPE	T8	VOLTAGE	120-277
DIMMABLE	NO	FLUORESCENT EQUAL	32-WATT
SAFETY RATING	UL DAMP	COMPATIBILITY	ELECTRONIC BALLASTS
SYSTEM WATTAGE (INCLUDING BALLASTS)	15 WATTS	LAMPHOLDER(S)	SHUNTED
COLOR	HALOGEN WHITE	LENS	FROSTED GLASS
LIFE HOURS	50,000	LENGTH	48.0 IN.
LUMENS PER WATT	113	DIAMETER	1.0 IN.

Compatible Ballast List					NC	Incompatible	P	PF <0.85			
					N	Acoustic noise >20dB	T	THD >30%			
					S	Can't start-up	C	Compatible			
					F	Flicker after >2s sta	/	Not tested			
					HT	High temperature	NA	Not applicable			
Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connect ion	N-1 Lamp		N Lamp	
					Type	Value		DR G5S		DR G5S	
								120Vac	277Vac	120Vac	277Vac
1	Philips-Advance	ICN-2P32-N	IS	2	N	0.89	Parallel	C	C	C	C
2	Philips-Advance	IOPA-2P32-N	IS	2	N	0.89	Parallel	C	C	C	C
4	Philips-Advance	IOP-2P32-LW-N	IS	2	L	0.77	Parallel	C	C	C	C
5	OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC	IS	2	N	0.88	Parallel	C	C	C	C
6	OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC	IS	2	N	0.88	Parallel	C	C	C	C
7	OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	C	C	C	C
8	General Electric	GE-232-MV-N	IS	2	N	0.88	Parallel	C	C	C	C
10	Universal Lighting Technologi	B232IUNVHP-N	IS	2	N	0.88	Parallel	C	C	C	C
11	Universal Lighting Technologi	B232IUNVEL-A	IS	2	L	0.77	Parallel	C	C	C	C
12	Universal Lighting Technologi	B233IUNVHE-A	IS	2	N	0.87	Parallel	C	C	C	C
13	ESPEN	VE232MVHIPE	IS	2	N	0.89	Parallel	C	C	C	C
14	ESPEN	VE232MVHIPHE	IS	2	H	1.19	Parallel	C	C	C	C
20	Philips-Advance	IOP-4P32-LW-N	IS	4	L	0.77	Parallel	C	C	C	C
21	Philips-Advance	ICN-4P32-N	IS	4	N	0.90	Parallel	C	C	C	C
24	OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	C	C	C	C
25	OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC	IS	4	L	0.78	Parallel	C	C	C	C
30	HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3	N	0.87	Parallel	C	C	C	C
31	HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	0.77	Parallel	C	C	C	C
34	General Electric	GE432MAX-G-N	IS	4	N	0.88	Parallel	C	C	C	C
35	Universal Lighting Technologi	B432IUNVHE L-A	IS	4	L	0.77	Parallel	C	C	C	C
46	ESPEN	VE232MVHIPL	IS	2	L	0.77	Parallel	C	C	C	C
49	General Electric	GE232MV-N-DIY	IS	2	N	0.88	Parallel	C	C	C	C
53	Halco	EP232IS/MV/HE	IS	2	N	0.88	Parallel	C	C	C	C
56	HOWARD INDUSTRIES	EPH2/32IS/MV/MC/HE	IS	2	H	1.18	Parallel	C	C	C	C
58	MAXLITE	SKEU322HEL/SC	IS	2	L	0.77	Parallel	C	C	C	C
62	Philips-Advance	IOP-3P32-N	IS	3	N	0.87	Parallel	C	C	C	C
63	General Electric	GE332MV-N	IS	3	N	0.87	Parallel	C	C	C	C
64	General Electric	GE332MAX-N/ULTRA	IS	3	N	0.88	Parallel	C	C	C	C
65	General Electric	GE332MAX-L/ULTRA	IS	3	L	0.78	Parallel	C	C	C	C
66	General Electric	GE332MAX-G-N	IS	3	N	0.87	Parallel	C	C	C	C
69	OSRAM SYLVANIA	QHE 3X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	C	C	C	C
70	OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3	L	0.78	Parallel	C	C	C	C
71	Universal Lighting Technologi	B332IUNVHP-A	IS	3	N	0.88	Parallel	C	C	C	C
72	MAXLITE	SKEU324HE/SC	IS	4	N	0.88	Parallel	C	C	C	C
73	MAXLITE	SKEU323L/SC	IS	3	L	0.78	Parallel	C	C	C	C
74	Halco	EP332IS/MV/HE	IS	3	N	0.87	Parallel	C	C	C	C
76	Universal Lighting Technologi	B432IUNVHP-A	IS	4	N	0.88	Parallel	C	C	C	C
77	Halco	EP432IS/MV/HE	IS	4	N	0.88	Parallel	C	C	C	C
78	Halco	EP432IS/L/MV/HE	IS	4	L	0.78	Parallel	C	C	C	C
83	General Electric	GE432MAX-N/ULTRA	IS	4	N	0.88	Parallel	C	C	C	C
94	PLUSRITE	BAF232IS/MV	IS	2	N	0.89	Parallel	C	C	C	C
97	EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	0.77	Parallel	C	C	C	C
98	EIKO	PM-3X32T8-UNV-IS	IS	3	N	0.87	Parallel	C	C	C	C
99	EIKO	PM-3X32T8-UNV-IS-H	IS	3	H	1.18	Parallel	C	C	C	C
200	EIKO	PM-3X32T8-UNV-IS-L	IS	3	L	0.78	Parallel	C	C	C	C
201	HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3	L	0.78	Parallel	C	C	C	C
202	PLUSRITE	BAF332IS/MV	IS	3	N	0.88	Parallel	C	C	C	C
203	TCP	E3P32ISUNVE	IS	3	N	0.88	Parallel	C	C	C	C
205	TCP	E4P32ISUNVE	IS	4	N	0.88	Parallel	C	C	C	C
206	TCP	E4P32ISUNVHE	IS	4	N	1.18	Parallel	C	C	C	C
207	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	0.88	Parallel	C	C	C	C
210	EIKO	PM-4X32T8-UNV-IS	IS	4	N	0.88	Parallel	C	C	C	C
211	EIKO	PM-4X32T8-UNV-IS-L	IS	4	L	0.78	Parallel	C	C	C	C
214	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	0.89	Parallel	C	C	C	C
215	HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3	N	0.88	Parallel	C	C	C	C
216	WORK HORSE	WHSG3-UNV-T8-IS	IS	3	N	0.99	Parallel	C	C	C	C
217	WORK HORSE	WHSG4-UNV-T8-IS	IS	4	N	0.96	Parallel	C	C	C	C
219	MAXLITE	MLEU324HE/SC	IS	4	N	0.88	Parallel	C	C	C	C
222	SUNPARK	U-2/32IS HBF	IS	2	H	1.18	Parallel	C	C	C	C
223	SUNPARK	U-2/32ISE-LBF	IS	2	L	0.78	Parallel	C	C	C	C
224	SUNPARK	U-3/32ISE	IS	3	N	0.88	Parallel	C	C	C	C
225	SUNPARK	U-3/32ISE-HBF	IS	3	H	1.18	Parallel	C	C	C	C
228	SUNPARK	U-4/32IS HBF	IS	4	H	1.18	Parallel	C	C	C	C
229	SUNPARK	U-4/32ISE-LBF	IS	4	L	0.77	Parallel	C	C	C	C
230	Philips-Advance	ICN-4P32-SC	IS	4	N	0.89	Parallel	C	C	C	C
232	KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	N	0.87	Parallel	C	C	C	C
233	KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	N	0.87	Parallel	C	C	C	C
234	General Electric	GE432MAX-H/ULTRA	IS	4	H	1.18	Parallel	C	C	C	C
236	Halco	EP232IS/L/MV/HE	IS	2	L	0.78	Parallel	C	C	C	C

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Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connect ion	N-1 Lamp		N Lamp	
					Type	Value		DR G5S		DR G5S	
								120Vac	277Vac	120Vac	277Vac
237	Halco	EP232IS/H/MV/HE	IS	2	H	1.18	Parallel	C	C	C	C
238	Halco	EP332IS/L/MV/HE	IS	3	L	0.78	Parallel	C	C	C	C
241	Universal Lighting Technologi	B232IUNVHP-B	IS	2	N	0.88	Parallel	C	C	C	C
244	HATCH	HL232BIS/UV/HE/W	IS	2	N	0.9	Parallel	C	C	C	C
245	HATCH	HL432BIS/UV/HE/W	IS	4	N	0.9	Parallel	C	C	C	C
246	HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3	N	0.91	Parallel	C	C	C	C
247	ARCATA	ACT 3P32ISUNVLE	IS	3	L	0.78	Parallel	C	C	C	C
248	LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	0.78	Parallel	C	C	C	C
252	KEYSTONE	KTEB-432-UV-IS-H-P	IS	4	H	1.18	Parallel	C	C	C	C
253	TOPAZ	B232IUNVHEH/A-TPZ	IS	2	H	1.18	Parallel	C	C	C	C
254	TOPAZ	B432IUNVHEH/A-TPZ	IS	4	H	1.18	Parallel	C	C	C	C
255	Universal Lighting Technologi	B232IUNV-C	IS	2	N	0.88	Parallel	C	C	C	C
259	DAMAR	EL332HL-120/277HF (3654H)	IS	3	H	/	Parallel	C	C	C	C
260	DAMAR	EL432-120/277HF (3093B)	IS	4	N	/	Parallel	C	C	C	C
261	DAMAR	EL432HL-120/277HF (3093C)	IS	4	H	/	Parallel	C	F	C	C
263	Plusrite	BAF232IS/MV/L	IS	2	L	0.78	Parallel	C	C	C	C
265	Plusrite	BAF432IS/MV	IS	4	N	0.88	Parallel	C	C	C	C
266	Plusrite	BAF432IS/MV/L	IS	4	L	0.78	Parallel	C	C	C	C
268	Watran	DB-232N-MV-TP-HE	IS	2	N	0.87	Parallel	C	C	C	C
269	Watran	DB-332N-MV-TP-HE	IS	3	N	0.87	Parallel	C	C	C	C
270	Watran	DB-432N-MV-TP-HE	IS	4	N	0.87	Parallel	C	C	C	C
271	Watran	DB-432L-MV-TP-HE	IS	4	L	0.77	Parallel	C	C	C	C
272	Watran	DB-232N-MV-TP-HE (SC)	IS	2	N	0.87	Parallel	C	C	C	C
273	ACT	ACT 2P32ISUNVE	IS	2	N	0.89	Parallel	C	C	C	C
274	ANTRON ELECTRONICS	A32T8MICLO	IS	2	L	0.78	Parallel	C	C	C	C
277	EIKO	PM-2x32T8-UNV-IS-H	IS	2	H	1.18	Parallel	C	C	C	C
279	OSRAM SYLVANIA	QHE 3x32T8/UNV ISH HT-SC	IS	3	H	1.18	Parallel	C	C	C	C
283	TCP	TCP3P32ISUNVH	IS	3	H	1.18	Parallel	C	C	C	C
285	OSRAM SYLVANIA	QTP 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	C	C	C	C
286	Philips-Advance	IOPA-4P32-SC	IS	4	N	0.92	Parallel	C	C	C	C
287	Universal Lighting Technologi	B432IUNVHE-A	IS	4	N	0.87	Parallel	C	C	C	C
288	Universal Lighting Technologi	B432IUNVHEH-E	IS	4	H	1.15	Parallel	C	C	C	C
289	General Electric	GE232MAX-G-L	IS	2	L	0.77	Parallel	C	C	C	C
290	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT-SC	IS	2	H	/	Parallel	C	C	C	C
292	General Electric	GE332MAXP-L/ULTRA	IS	3	L	0.77	Parallel	C	C	C	C
1002	ESPEN	VE2P32MVH1PE	IS	2	N	0.89	Parallel	C	C	C	C
1003	General Electric	GE232MAX-G-N	IS	2	N	0.88	Parallel	C	C	C	C
1007	Cooper Lighting	CL-432ISUNV-R1-B	IS	4	H	1.18	Parallel	C	C	C	C
1011	General Electric	GE432MAX-G-H	IS	4	H	1.18	Parallel	C	C	C	C
1012	Philips-Advance	ICN-3P32-SC	IS	3	N	0.89	Parallel	C	C	C	C
1016	Philips-Advance	IOPA-4P32-HL	IS	4	H	1.18	Parallel	C	C	C	C
1017	KEYSTONE	KTEB-232-UV-IS-L-P	IS	2	L	/	Parallel	C	C	C	C
1021	Philips-Advance	IOPA-2P32-LW-N	IS	2	L	0.76	Parallel	C	C	C	C
1022	Philips-Advance	IOPA-4P32-LW-N	IS	4	L	0.76	Parallel	C	C	C	C
1023	OSRAM SYLVANIA	QHE 4X32T8/UNV ISH	IS	4	H	/	Parallel	C	C	C	C
1028	Philips-Advance	IOPA-3P32-LW-SC	IS	3	L	0.78	Parallel	C	C	C	C
1029	STANDARD	E232T8IS120-277/N/AS	IS	2	N	0.88	Parallel	C	C	C	C
1030	General Electric	GE232MAXP-N/ULTRA	IS	2	/	/	Parallel	C	C	C	C
1031	General Electric	GE332MAXP-N/ULTRA	IS	3	/	/	Parallel	C	C	C	C
1034	General Electric	GE432MV-N	IS	4	/	/	Parallel	C	C	C	C
104	Philips-Advance	IOP-4PSP32-SC (REV A)	PS	4	N	0.89	Parallel	C	C	C	C
105	Philips-Advance	IOP-4PSP32-LW-SC	PS	4	L	0.69	Parallel	C	C	C	C
107	OSRAM SYLVANIA	QHE 2X32T8/UNV PSH-HT	PRS	2	H	1.18	Parallel	C	C	C	C
112	Universal Lighting Technologi	B432PUNVHE-A	PS	4	N	0.87	Parallel	C	C	C	C
116	OSRAM SYLVANIA	QHE 2X32T8/UNV PSN-MC	PRS	2	N	0.88	Parallel	C	C	C	C
117	Philips-Advance	IOP-2PSP32-LW-N	PS	2	L	0.71	Parallel	C	C	C	C
119	Universal Lighting Technologi	B332PUNVHE-A	PS	3	N	0.88	Parallel	C	C	C	C
120	General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	C	C	C	C
126	OSRAM SYLVANIA	QHE 4X32T8/UNV PSN-SC	PRS	4	N	0.88	Parallel	C	C	C	C
129	General Electric	GE-232-MV-PS-N	PS	2	N	0.88	Parallel	C	C	C	C
138	Superior Life	70210	PS	2	N	0.88	Parallel	C	C	C	C
139	Superior Life	70211	PS	4	N	0.87	Parallel	C	C	C	C
153	Universal Lighting Technologi	B332PUNVHEH-A	PS	3	H	1.18	Parallel	C	C	C	C
158	HOWARD INDUSTRIES	EP4/32PPRS/MV/SC/HE	PRS	4	N	/	Parallel	C	C	C	C
168	OSRAM SYLVANIA	QHE 3X32T8/UNV PSH-HT-SC	DPS	3	H	1.15	Parallel	C	C	C	C