

LED-12T8-8XXBC48-G3 Ballast Compatibility 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 start			/	Not tested			
					HT	High temperature			NA	Not applicable			
No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	Enclosed fixtures ?	N-1 Lamp		N Lamp	
						Type	Value			DR G5S		DR G5S	
										120Vac	277Vac	120Vac	277Vac
1	1	Philips-Advance	ICN-2P32-N	IS	2	N	0.89	Parallel	YES	C	C	C	C
2	2	Philips-Advance	IOPA-2P32-N	IS	2	N	0.89	Parallel	YES	C	C	C	C
3	4	Philips-Advance	IOP-2P32-LW-N	IS	2	L	0.77	Parallel	YES	C	C	C	C
4	5	OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC	IS	2	N	0.88	Parallel	YES	C	C	C	C
5	6	OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC	IS	2	N	0.88	Parallel	YES	C	C	C	C
6	7	OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	YES	C	C	C	C
7	8	General Electric	GE-232-MV-N	IS	2	N	0.88	Parallel	YES	C	C	C	C
8	9	General Electric	GE232MAX-N/ULTRA	IS	2	N	0.88	Parallel	YES	C	C	F	F
9	10	Universal Lighting Techno	B232IUNVHP-N	IS	2	N	0.88	Parallel	YES	C	C	C	C
10	11	Universal Lighting Techno	B232IUNVEL-A	IS	2	L	0.77	Parallel	YES	C	C	C	C
11	12	Universal Lighting Techno	B233IUNVHE-A	IS	2	N	0.87	Parallel	YES	C	C	C	C
12	13	ESPEEN	VE232MVHIPE	IS	2	N	0.89	Parallel	YES	C	C	C	C
13	14	ESPEEN	VE232MVHIPHE	IS	2	H	1.19	Parallel	NO	C	C	C	C
14	15	Philips-Advance	IOPA-3P32-LW-N	IS	3	L	0.76	Parallel	YES	N	N	N	N
15	16	OSRAM SYLVANIA	QHE 3X32T8/UNV ISH-SC	IS	3	H	1.18	Parallel	NO	N	N	N	N
16	17	Philips-Advance	IOPA-4P32-N	IS	4	N	0.87	Parallel	YES	N	N	N	N
17	19	Philips-Advance	IOP-4P32-N	IS	4	N	0.87	Parallel	YES	N	N	N	N
18	20	Philips-Advance	IOP-4P32-LW-N	IS	4	L	0.77	Parallel	YES	C	C	C	C
19	21	Philips-Advance	ICN-4P32-N	IS	4	N	0.90	Parallel	YES	C	C	C	C
20	22	General Electric	GE432MAX-H/ULTRA	IS	4	H	1.18	Parallel	NO	C	P, T	C	P, T
21	23	General Electric	GE432MAX-L/ULTRA	IS	4	L	0.78	Parallel	YES	F	F	F	F
22	24	OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	C	C	C	C
23	25	OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC	IS	4	L	0.78	Parallel	YES	C	C	C	C
24	26	Philips-Advance	IOP-1P32-N	IS	1	N	0.89	n.a	YES	NA	NA	NC	NC
25	27	Philips-Advance	IOP-2P32HL-SC	IS	2	H	1.18	Parallel	NO	NC	NC	NC	NC
26	28	General Electric	GE-232-MAX-H/ULtra	IS	2	H	1.15	Parallel	NO	P, T	P, T, F	NC	NC
27	29	HOWARD INDUSTRIES	EPH4/32IS/MV/SC/HE	IS	4	H	1.16	Parallel	NO	NC	NC	NC	NC
28	30	HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3	N	0.87	Parallel	YES	C	C	C	C
29	31	HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	0.77	Parallel	YES	C	C	C	C
30	32	Prolume	EP232IS/L/MV/SL	IS	2	L	0.78	Parallel	YES	F	F	C	C
31	33	Prolume	E432IS/120/R/SL	IS	4	N	0.87	Parallel	YES	NC	NA	NC	NA
32	34	General Electric	GE432MAX-G-N	IS	4	N	0.88	Parallel	YES	C	C	C	C
33	35	Universal Lighting Techno	B432IUNVHE L-A	IS	4	L	0.77	Parallel	YES	C	C	C	C
34	37	Philips-Advance	ICN-1P32-N	IS	1	N	0.91	n.a	YES	NA	NA	NC	NC
35	38	Philips-Advance	IOPA-1P32-N	IS	1	N	0.88	n.a	YES	NA	NA	NC	NC
36	39	General Electric	GE132MAX-G-N	IS	1	N	0.88	n.a	YES	NA	NA	NC	NC
37	40	General Electric	GE132MAX-H/ULTRA	IS	1	H	1.18	n.a	NO	NA	NA	C	P
38	41	General Electric	GE132MAX-L/ULTRA	IS	1	L	0.78	n.a	YES	NA	NA	NC	NC
39	42	General Electric	GE132MAXP-N/ULTRA	IS	1	N	0.88	n.a	YES	NA	NA	C	C
40	43	OSRAM SYLVANIA	QHE 1X32T8/UNV ISN-SC	IS	1	N	0.88	n.a	YES	NA	NA	C	C
41	44	OSRAM SYLVANIA	QHE 1X32T8/UNV ISL-SC	IS	1	L	0.78	n.a	YES	NA	NA	C	C
42	46	ESPEEN	VE232MVHIPE	IS	2	L	0.77	Parallel	YES	C	C	C	C
43	48	Philips-Advance	REB-2P32-SC	IS	2	N	0.88	Parallel	YES	NC	NA	NC	NA
44	49	General Electric	GE232MV-N-DIY	IS	2	N	0.88	Parallel	YES	C	C	C	C
45	51	General Electric	GE232MAX-L/ULTRA	IS	2	L	0.78	Parallel	YES	NC	NC	NC	NC
46	52	General Electric	GE232MAX347-N	IS	2	H	1.02	Parallel	NO	NA	F (347V)	NA	F (347V)
47	53	Halco	EP232IS/MV/HE	IS	2	N	0.88	Parallel	YES	C	C	C	C
48	54	Universal Lighting Techno	B232IUNVHEH-A	IS	2	H	1.18	Parallel	NO	HT	HT	C	C
49	56	HOWARD INDUSTRIES	EPH2/32IS/MV/MC/HE	IS	2	H	1.18	Parallel	NO	C	C	C	C
50	58	MAXLITE	SKEU322HEL/SC	IS	2	L	0.77	Parallel	YES	C	C	C	C
51	59	KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	N	0.87	Parallel	YES	C	F	C	C
52	61	Philips-Advance	IOPA-3P32-N	IS	3	N	0.86	Parallel	YES	NC	NC	NC	NC
53	62	Philips-Advance	IOP-3P32-N	IS	3	N	0.87	Parallel	YES	C	C	C	C
54	63	General Electric	GE332MV-N	IS	3	N	0.87	Parallel	YES	C	C	C	C
55	64	General Electric	GE332MAX-N/ULTRA	IS	3	N	0.88	Parallel	YES	C	C	C	C
56	65	General Electric	GE332MAX-L/ULTRA	IS	3	L	0.78	Parallel	YES	C	C	C	C
57	66	General Electric	GE332MAX-G-N	IS	3	N	0.87	Parallel	YES	C	C	C	C
58	67	General Electric	GE332MAXP-H/ULTRA	IS	3	H	1.18	Parallel	NO	NC	NC	NC	NC
59	68	OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3	N	0.88	Parallel	YES	NC	NC	NC	NC
60	69	OSRAM SYLVANIA	QHE 3X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	C	C	C	C
61	70	OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3	L	0.78	Parallel	YES	C	C	C	C
62	71	Universal Lighting Techno	B332IUNVHP-A	IS	3	N	0.88	Parallel	YES	C	C	C	C
63	72	MAXLITE	SKEU324HE/SC	IS	4	N	0.88	Parallel	YES	C	C	C	C
64	73	MAXLITE	SKEU323L/SC	IS	3	L	0.78	Parallel	YES	C	C	C	C
65	74	Halco	EP332IS/MV/HE	IS	3	N	0.87	Parallel	YES	C	C	C	C

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No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	Enclosed fixtures ?	N-1 Lamp		N Lamp	
						Type	Value			DR	G5S	DR	G5S
										120Vac	277Vac	120Vac	277Vac
66	76	Universal Lighting Techno	B4321UNVHP-A	IS	4	N	0.88	Parallel	YES	C	C	C	C
67	77	Halco	EP432IS/MV/HE	IS	4	N	0.88	Parallel	YES	C	C	C	C
68	78	Halco	EP432IS/L/MV/HE	IS	4	L	0.78	Parallel	YES	C	C	C	C
69	79	Philips-Advance	REB-4P32-SC	IS	4	N	0.81	Parallel	YES	NC	NA	NC	NA
70	80	Philips-Advance	IOP-4P32-HL-SC	IS	4	H	1.18	Parallel	NO	NC	NC	NC	NC
71	82	General Electric	GE432MV-N-42T	IS	4	N	0.93	Parallel	YES	NC	NC	NC	NC
72	83	General Electric	GE432MAX-N/ULTRA	IS	4	N	0.88	Parallel	YES	C	C	C	C
73	84	General Electric	GE432MAX347-N	IS	4	N	0.94	Parallel	YES	NA	C, (347V)	NA	C, (347V)
74	85	MAXLITE	MLEU322HEL/SC	IS	2	N	0.83	Parallel	YES	C	P	C	C
75	86	MAXLITE	MLEU323H/SC	IS	3	H	1.18	Parallel	NO	C	P, T	C	P, T
76	87	TCP	E2P321SUNVHE	IS	2	H	1.18	Parallel	NO	NC	F	NC	F
77	88	TCP	E4P321SUNVLE	IS	4	L	0.78	Parallel	YES	F	F	F	F
78	89	Universal Lighting Techno	B2321I20RES-A	IS	2	N	0.88	Parallel	YES	P, T	NA	P, T	NA
79	91	General Electric	GE232MAXP90-V60	IS	2	H	1.18	Parallel	NO	NC	NC	NC	NC
80	92	HOWARD INDUSTRIES	E2/32IS-120MC	IS	2	N	0.85	Parallel	YES	P, T	NA	C	NA
81	93	HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	IS	2	L	0.78	Parallel	YES	F	F	F	F
82	94	PLUSRITE	BAF232IS/MV	IS	2	N	0.89	Parallel	YES	C	C	C	C
83	95	General Electric	GE332MAXP90-V60	IS	3	H	1.18	Parallel	NO	C	P, T	C	C
84	96	General Electric	GE432MAXP90-S60	IS	4	H	1.18	Parallel	NO	NC	NC	NC	NC
85	97	EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	0.77	Parallel	YES	C	C	C	C
86	98	EIKO	PM-3X32T8-UNV-IS	IS	3	N	0.87	Parallel	YES	C	C	C	C
87	99	EIKO	PM-3X32T8-UNV-IS-H	IS	3	H	1.18	Parallel	NO	C	C	C	C
88	200	EIKO	PM-3X32T8-UNV-IS-L	IS	3	L	0.78	Parallel	YES	C	C	C	C
89	201	HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3	L	0.78	Parallel	YES	C	C	C	C
90	202	PLUSRITE	BAF332IS/MV	IS	3	N	0.88	Parallel	YES	C	C	C	C
91	203	TCP	E3P321SUNVE	IS	3	N	0.88	Parallel	YES	C	C	C	C
92	204	TCP	E3P321SUNVLE	IS	3	L	0.78	Parallel	YES	C	F	C	C
93	205	TCP	E4P321SUNVE	IS	4	N	0.88	Parallel	YES	C	C	C	C
94	206	TCP	E4P321SUNVHE	IS	4	N	1.18	Parallel	YES	C	C	C	C
95	207	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	0.88	Parallel	YES	C	C	C	C
184	208	Fulham	WHCG4-120-T8-IS	IS	4	N	0.86	Parallel	YES	NC	NA	NC	NA
185	209	PES	PES120ET8-12SMT-4	IS	4	N	0.88	Parallel	YES	NC	NA	NC	NA
98	210	EIKO	PM-4X32T8-UNV-IS	IS	4	N	0.88	Parallel	YES	C	C	C	C
99	211	EIKO	PM-4X32T8-UNV-IS-L	IS	4	L	0.78	Parallel	YES	C	C	C	C
100	212	Universal Lighting Techno	B1321UNVHP-N	IS	1	N	0.88	n.a	YES	NA	NA	C	C
101	213	SOLA	E-758-U-232-MC	IS	2	N	0.88	Parallel	YES	NC	F, N	NC	F, N
102	214	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	0.89	Parallel	YES	C	C	C	C
103	215	HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3	N	0.88	Parallel	YES	C	C	C	C
104	216	WORK HORSE	WHSG3-UNV-T8-IS	IS	3	N	0.99	Parallel	YES	C	C	C	C
105	217	WORK HORSE	WHSG4-UNV-T8-IS	IS	4	N	0.96	Parallel	YES	C	C	C	C
106	218	KEYSTONE	KTEB-432RIS-1-TP-SL	IS	4	N	0.80	Parallel	YES	NC	NA	NC	NA
107	219	MAXLITE	MLEU324HE/SC	IS	4	N	0.88	Parallel	YES	C	C	C	C
108	220	SUNPARK	120-1/32IS HPF	IS	1	N	0.88	NA	YES	NA	NA	T	NA
109	221	Superior Life	70201	IS	2	N	0.88	Parallel	YES	C	F	C	C
110	222	SUNPARK	U-2/32IS HBF	IS	2	H	1.18	Parallel	NO	C	C	C	C
111	223	SUNPARK	U-2/32ISE-LBF	IS	2	L	0.78	Parallel	YES	C	C	C	C
112	224	SUNPARK	U-3/32ISE	IS	3	N	0.88	Parallel	YES	C	C	C	C
113	225	SUNPARK	U-3/32ISE-HBF	IS	3	H	1.18	Parallel	NO	C	C	C	C
114	226	SUNPARK	120-3/32IS MPF	IS	3	N	0.88	Parallel	YES	NC	NA	NC	NA
115	227	SUNPARK	U-4/32IS HP, F	IS	4	N	0.88	Parallel	YES	C	F	C	F
116	228	SUNPARK	U-4/32IS HBF	IS	4	H	1.18	Parallel	NO	C	C	C	C
117	229	SUNPARK	U-4/32ISE-LBF	IS	4	L	0.77	Parallel	YES	C	C	C	C
206	230	Philips-Advance	ICN-4P32-SC	IS	4	N	0.89	Parallel	YES	C	C	C	C
119	231	EIKO	PM-2X32T8-UNV-IS	IS	2	N	0.87	Parallel	YES	C	P	C	C
120	232	KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	N	0.87	Parallel	YES	C	C	C	C
121	233	KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	N	0.87	Parallel	YES	C	C	C	C
122	234	General Electric	GE432MAX-H/ULTRA	IS	4	H	1.18	Parallel	NO	C	C	C	C
123	235	Philips-Advance	ICN-3P32-N	IS	3	N	0.88	Parallel	YES	N	N	N	N
124	236	Halco	EP232IS/L/MV/HE	IS	2	L	0.78	Parallel	YES	C	C	C	C
125	237	Halco	EP232IS/H/MV/HE	IS	2	H	1.18	Parallel	NO	C	C	C	C
126	238	Halco	EP332IS/L/MV/HE	IS	3	L	0.78	Parallel	YES	C	C	C	C
127	239	Halco	EP432IS/120/MC	IS	4	N	0.88	Parallel	YES	C	NA	C	NA

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128	240	Philips-Advance	VEL-2P32-SC	IS	2	N	0.88	Parallel	YES	NA	P, T	NA	C
129	241	Universal Lighting Techno	B232IUNVHP-B	IS	2	N	0.88	Parallel	YES	C	C	C	C
130	242	OSRAM SYLVANIA	QTP2x32T8/277 ISN-D	IS	2	L	0.78	Parallel	YES	NA	C	NA	C
131	243	KEYSTONE	KTEB-232LBF-1-TP-PIC-EV	IS	2	N	0.88	Parallel	YES	S	NA	S	NA
132	244	HATCH	HL232BIS/UV/HE/W	IS	2	N	0.9	Parallel	YES	C	C	C	C
133	245	HATCH	HL432BIS/UV/HE/W	IS	4	N	0.9	Parallel	YES	C	C	C	C
134	246	HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3	N	0.91	Parallel	YES	C	C	C	C
135	247	ARCATA	ACT 3P32ISUNVLE	IS	3	L	0.78	Parallel	YES	C	C	C	C
136	248	LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	0.78	Parallel	YES	C	C	C	C
137	251	KEYSTONE	KTEB-332-UV-IS-H-P	IS	3	H	1.18	Parallel	NO	C	NC	C	NC
138	252	KEYSTONE	KTEB-432-UV-IS-H-P	IS	4	H	1.18	Parallel	NO	C	C	C	C
139	253	TOPAZ	B232IUNVHEH/A-TPZ	IS	2	H	1.18	Parallel	NO	C	C	C	C
140	254	TOPAZ	B432IUNVHEH/A-TPZ	IS	4	H	1.18	Parallel	NO	C	C	C	C
141	255	Universal Lighting Techno	B232IUNV-C	IS	2	N	0.88	Parallel	YES	C	C	C	C
142	256	DAMAR	EL232-120/277HF(1688B)	IS	2	N	/	Parallel	YES	C	NC	C	C
143	259	DAMAR	EL332HL-120/277HF(3654H)	IS	3	H	/	Parallel	NO	C	C	C	C
144	260	DAMAR	EL432-120/277HF(3093B)	IS	4	N	/	Parallel	YES	C	C	C	C
145	261	DAMAR	EL432HL-120/277HF(3093C)	IS	4	H	/	Parallel	NO	C	F	C	C
146	262	Philips-Advance	TOPA-2P32-HL-N	IS	2	H	1.18	Parallel	NO	F	F	F	F
147	263	Plusrite	BAF232IS/MV/L	IS	2	L	0.78	Parallel	YES	C	C	C	C
148	264	Plusrite	BAF332IS/MV/L	IS	3	L	0.78	Parallel	YES	N	N	N	N
149	265	Plusrite	BAF432IS/MV	IS	4	N	0.88	Parallel	YES	C	C	C	C
150	266	Plusrite	BAF432IS/MV/L	IS	4	L	0.78	Parallel	YES	C	C	C	C
151	268	Watran	DB-232N-MV-TP-HE	IS	2	N	0.87	Parallel	YES	C	C	C	C
152	269	Watran	DB-332N-MV-TP-HE	IS	3	N	0.87	Parallel	YES	C	C	C	C
153	270	Watran	DB-432N-MV-TP-HE	IS	4	N	0.87	Parallel	YES	C	C	C	C
154	271	Watran	DB-432L-MV-TP-HE	IS	4	L	0.77	Parallel	YES	C	C	C	C
155	272	Watran	DB-232N-MV-TP-HE (SC)	IS	2	N	0.87	Parallel	YES	C	C	C	C
156	273	ACT	ACT 2P32ISUNVE	IS	2	N	0.89	Parallel	YES	C	C	C	C
157	274	ANTRON ELECTRONICS	A32T8MICLO	IS	2	L	0.78	Parallel	YES	C	C	C	C
158	277	EIKO	PM-2x32T8-UNV-IS-H	IS	2	H	1.18	Parallel	NO	C	C	C	C
254	278	KEYSTONE	KTLD-2T8LED-UV-IS-VDIM	IS	2	/	/	Parallel	NO	S	S	S	S
160	279	OSRAM SYLVANIA	QHE 3x32T8/UNV ISH HT-SC	IS	3	H	1.18	Parallel	NO	C	C	C	C
161	280	Philips-Advance	VEL-2P32-RH-TP	IS	2	N	/	Parallel	YES	NA	P, T	NA	P, T
162	281	OSRAM SYLVANIA	QHE 4x32T8/UNV ISH HT-1	IS	4	H	1.18	Parallel	NO	NC	NC	NC	NC
163	282	Philips-Advance	IOP-3P32HL-90C-SC	IS	3	H	1.22	Parallel	NO	NC	NC	NC	NC
164	283	TCP	TCP3P32ISUNVH	IS	3	H	1.18	Parallel	NO	C	C	C	C
165	284	Philips-Advance	IOP-4P32-SC	IS	4	N	0.87	Parallel	YES	S	S	S	S
261	285	OSRAM SYLVANIA	QTP 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	YES	C	C	C	C
167	286	Philips-Advance	IOPA-4P32-SC	IS	4	N	0.92	Parallel	YES	C	C	C	C
168	287	Universal Lighting Techno	B432IUNVHE-A	IS	4	N	0.87	Parallel	YES	C	C	C	C
169	288	Universal Lighting Techno	B432IUNVHEH-E	IS	4	H	1.15	Parallel	NO	C	C	C	C
170	289	General Electric	GE232MAX-G-L	IS	2	L	0.77	Parallel	YES	C	C	C	C
171	290	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT-SC	IS	2	H	/	Parallel	NO	C	C	C	C
172	291	OSRAM SYLVANIA	QHE 4x32T8/UNV ISH-SC	IS	4	H	/	Parallel	NO	NC	NC	NC	NC
173	292	General Electric	GE332MAXP-L/ULTRA	IS	3	L	0.77	Parallel	YES	C	C	C	C
174	293	Universal Lighting Techno	B232I277RH-A	IS	4	H	1.09	Parallel	NO	NA	P, T	NA	C
175	295	Pacific Fluorescent	EB-232IS-120-RES	IS	2	N	/	Parallel	YES	NC	NA	NC	NA
176	296	OSRAM SYLVANIA	QT 2x32/347 ISH-SC	IS	2	H	1.20	Parallel	NO	NA	C, (347V)	NA	C, (347V)
177	297	OSRAM SYLVANIA	QHE 1X32T8/UNV ISH-SC	IS	1	L	0.77	NA	YES	NA	NA	C	C
178	298	Philips-Advance	ICN-132-MC	IS	1	N	0.88	NA	YES	NA	NA	NC	NC
179	299	Philips-Advance	ICN-2P16-TLED-N	IS	2	N	/	NA	YES	NC	NC	NC	NC
180	1001	Philips-Advance	ICN-4P16-TLED-N	IS	4	N	/	Parallel	YES	NC	NC	NC	NC
181	1002	ESPEL	VE2P32MVHIPE	IS	2	N	0.89	Parallel	YES	C	C	C	C
182	1003	General Electric	GE232MAX-G-N	IS	2	N	0.88	Parallel	YES	C	C	C	C
183	1004	Universal Lighting Techno	B332IHRVHB-E	IS	3	H	/	Parallel	NO	S	S	S	S
184	1005	General Electric	GE-232-MAX-H-42T	IS	2	H	/	Parallel	NO	NC	NC	NC	NC
185	1006	General Electric	GE432MAX-H-42T	IS	4	H	/	Parallel	NO	NC	NC	NC	NC
186	1007	Cooper Lighting	CL-432ISUNV-R1-B	IS	4	H	1.18	Parallel	NO	C	C	C	C
187	1008	TCP	E3P32ISUNVHE	IS	3	H	/	Parallel	NO	C	NC	C	C
188	1009	General Electric	332MAX-H-84TS	IS	3	H	/	Parallel	NO	NC	NC	NC	NC
189	1010	General Electric	332MAX-H-42T	IS	3	H	/	Parallel	NO	NC	NC	NC	NC

LED-12T8-8XXBC48-G3 Ballast Compatibility 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 start			/	Not tested
									HT	High temperature			NA	Not applicable
No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	Enclosed fixtures ?	N-1 Lamp		N Lamp		
						Type	Value			DR	G5S	DR	G5S	
										120Vac	277Vac	120Vac	277Vac	
190	1011	General Electric	GE432MAX-G-H	IS	4	H	1.18	Parallel	NO	C	C	C	C	
191	1012	Philips-Advance	ICN-3P32-SC	IS	3	N	0.89	Parallel	YES	C	C	C	C	
192	1013	Philips-Advance	VEL-3P32-SC	IS	3	N	0.88	Parallel	YES	NA	C	NA	C	
193	1014	Philips-Advance	REL-2P32-RH-TP	IS	2	H	/	Parallel	NO	P, T	NA	P, T	NA	
194	1015	Philips-Advance	GOPA-2P32-N	IS	2	N	/	Parallel	YES	NA	C, (347V)	NA	C, (347V)	
195	1016	Philips-Advance	IOPA-4P32-HL	IS	4	H	1.18	Parallel	NO	C	C	C	C	
196	1017	KEYSTONE	KTEB-232-UV-IS-L-P	IS	2	L	/	Parallel	YES	C	C	C	C	
197	1020	Universal Lighting Techno	B332I277RH-A	IS	3	N	0.88	Parallel	YES	NA	P, T	NA	C	
198	1021	Philips-Advance	IOPA-2P32-LW-N	IS	2	L	0.76	Parallel	YES	C	C	C	C	
199	1022	Philips-Advance	IOPA-4P32-LW-N	IS	4	L	0.76	Parallel	YES	C	C	C	C	
200	1023	OSRAM SYLVANIA	QHE 4X32T8/UNV ISH	IS	4	H	/	Parallel	NO	C	C	C	C	
201	1025	SYLVANIA	QT 4x32 T8/347 ISN-SC	IS	4	N	/	Parallel	YES	NA	N, (347V)	NA	N, (347V)	
202	1026	OSRAM	QHE 2X32T8/347 ISN-SC	IS	2	H	/	Parallel	NO	NA	C, (347V)	NA	C, (347V)	
203	1027	OSRAM	QHE 4X32T8/347 ISN-SC	IS	4	H	/	Parallel	NO	NA	C, (347V)	NA	C, (347V)	
204	1028	Philips-Advance	IOPA-3P32-LW-SC	IS	3	L	0.78	Parallel	YES	C	C	C	C	
205	1029	STANDARD	E232T8IS120-277/N/AS	IS	2	N	0.88	Parallel	YES	C	C	C	C	
206	1030	General Electric	GE232MAXP-N/ULTRA	IS	2	/	/	Parallel	YES	C	C	C	C	
207	1031	General Electric	GE332MAXP-N/ULTRA	IS	3	/	/	Parallel	YES	C	C	C	C	
208	1032	SYLVANIA	QT 2x32277 IS-SC	IS	2	/	/	Parallel	YES	NA	P, T	NA	C	
209	1033	General Electric	GE332MAX-NSL84T	IS	3	/	/	Parallel	NO	NC	NC	NC	NC	
210	1034	General Electric	GE432MV-N	IS	4	/	/	Parallel	YES	C	C	C	C	
211	1035	Philips-Advance	IOP-1P32-LW-N	IS	1	L	0.77	Parallel	YES	NA	NA	C	C	
212	1036	Philips-Advance	IOP-1P32-SC	IS	1	N	0.87	Parallel	YES	NA	NA	C	C	
213	1037	Philips-Advance	IOP-2P32-LW-SC	IS	2	L	0.77	Parallel	YES	C	T	C	F	
214	1038	Philips-Advance	IOP-3P32-LW-SC	IS	3	L	0.77	Parallel	YES	C	F	C	F	
215	1039	Philips-Advance	IOP-4P32-LW-SC	IS	4	L	0.77	Parallel	YES	NC	NC	NC	NC	
216	1040	Universal Lighting Techno	B132IUNVEL-A	IS	1	L	0.77	Parallel	YES	NA	NA	C	C	
217	1041	Universal Lighting Techno	B432I347HE-A	IS	4	N	0.88	Parallel	YES	NA	C, (347V)	NA	C, (347V)	
218	1042	SYLVANIA	QT 2X32/347LP	IS	2	/	/	Parallel	NO	NA	N, (347V)	NA	N, (347V)	
219	1043	SYLVANIA	QT 4X32/347LP	IS	4	/	/	Parallel	NO	NA	N, (347V)	NA	N, (347V)	
220	1047	Philips-Advance	ICN-3P16-TLED-N	IS	3	N	/	Parallel	YES	NC	NC	NC	NC	
221	1050	STANDARD	E432T8IS347/N/BULK	IS	4	/	/	Parallel		C, (347V)	/	C, (347V)	/	
222	1051	MOTOROLA	M2-IN-T8-GP-D-277	IS	2	/	/	Parallel		/	C	/	C	
223	1052	MOTOROLA	M3-IN-T8-GP-A-277	IS	3	/	/	Parallel	YES	/	C	/	C	
224	1085	OSRAM SYLVANIA	QT3x32T8/277 ISN-A	IS	3	/	/	Parallel		NA	C	NA	C	
225	101	Philips-Advance	IOP-2PSP32-N	PS	2	N	0.94	Parallel	YES	S	S	S	S	
226	102	Philips-Advance	IOP-3PSP32-SC	PS	3	N	0.88	Parallel	YES	C	P	C	C	
227	103	Philips-Advance	IOP-3PSP32-LW-SC	PS	3	L	0.69	Parallel	YES	NC	NC	NC	NC	
228	104	Philips-Advance	IOP-4PSP32-SC (REV A)	PS	4	N	0.89	Parallel	YES	C	C	C	C	
229	105	Philips-Advance	IOP-4PSP32-LW-SC	PS	4	L	0.69	Parallel	YES	C	C	C	C	
230	106	OSRAM SYLVANIA	QHE 4X32T8/UNV PSX-SC	PRS	4	L	0.71	Parallel	YES	S	S	S	S	
231	107	OSRAM SYLVANIA	QHE 2X32T8/UNV PSH-HT	PRS	2	H	1.18	Parallel	NO	C	C	C	C	
232	108	Philips-Advance	IOP-2S32-SC	PS	2	N	0.87	Series	YES	NC	NC	NC	NC	
233	109	Philips-Advance	IZT-2S32-SC	DPS	2	N	1.00	Series	YES	NC	NC	NC	NC	
234	110	ESPEN	VE232MVHRPHT3-AB	DPS	2	H	1.20	Series	NO	S	S	S	S	
235	111	PES	PES120DET8	PS	2	N	0.95	Parallel	YES	NC	NA	NC	NA	
236	112	Universal Lighting Techno	B432PUNVHE-A	PS	4	N	0.87	Parallel	YES	C	C	C	C	
237	113	General Electric	GE232-MVPS-N	PS	2	N	0.88	Parallel	YES	C	F	C	F	
238	115	Universal Lighting Techno	B232PUNVHE-B	PS	2	N	0.88	Parallel	YES	C	P, T	C	C	
239	116	OSRAM SYLVANIA	QHE 2X32T8/UNV PSN-MC	PRS	2	N	0.88	Parallel	YES	C	C	C	C	
240	117	Philips-Advance	IOP-2PSP32-LW-N	PS	2	L	0.71	Parallel	YES	C	C	C	C	
241	118	Philips-Advance	IZT-2PSP32-SC	DPS	2	N	1.00	Parallel	YES	S	S	S	S	
242	119	Universal Lighting Techno	B332PUNVHE-A	PS	3	N	0.88	Parallel	YES	C	C	C	C	
243	120	General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	YES	C	C	C	C	
244	121	OSRAM SYLVANIA	QHE 3X32T8/UNV PSN-SC	PRS	3	N	0.88	Parallel	YES	NC	NC	NC	NC	
245	122	OSRAM SYLVANIA	QTP 3X32T8/UNV PSX-SC	PRS	3	L	0.71	Series	YES	NC	NC	NC	NC	
246	123	OSRAM SYLVANIA	QTP3X32T8/UNV PSN-SC	PRS	3	N	0.88	Series	YES	S	S	S	S	
247	124	General Electric	GE432-MVPS-N	PS	4	N	0.88	Parallel	YES	NC	NC	NC	NC	
248	125	General Electric	GE432MVPS-N-V03	PS	4	N	0.90	Parallel	YES	NC	NC	NC	NC	
249	126	OSRAM SYLVANIA	QHE 4X32T8/UNV PSN-SC	PRS	4	N	0.88	Parallel	YES	C	C	C	C	
250	127	OSRAM SYLVANIA	QHE 2X32T8/UNV DIM-TC	PRS	2	N	0.88	Series	YES	S	S	S	S	
251	128	Watran	DBG32N-MV-TP-PS-HL	PS	3	H	/	Series	NO	S	S	S	S	

LED-12T8-8XXBC48-G3 Ballast Compatibility 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 start			/	Not tested
								HT	High temperature			NA	Not applicable
No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	Enclosed fixtures ?	N-1 Lamp		N Lamp	
						Type	Value			DR G5S	DR G5S	120Vac	277Vac
252	129	General Electric	GE-232-MV-PS-N	PS	2	N	0.88	Parallel	YES	C	C	C	C
253	130	KEYSTONE	KTEB-2C72-1-TP	PS	1	N	0.97	Parallel	YES	NA	NA	NC	NA
254	131	Robertson	RSZ132T8120	PS	1	N	0.80	n.a	YES	NA	NA	NC	NA
255	132	PES	PES120DET8-12SMT	PS	2	N	0.95	Parallel	YES	NC	NA	NC	NA
256	133	SUNPARK	U-1/32PSE	PS	1	N	0.88	n.a	YES	NA	NA	S	S
257	134	SUNPARK	U-2/32PSE	RS	2	N	0.88	Parallel	YES	S	S	S	S
258	135	SUNPARK	U-2/32PSE-HBF	RS	2	H	1.15	Parallel	NO	S	S	S	S
259	136	SUNPARK	U-232PS3	RS	2	N	0.88	Series	YES	S	S	S	S
260	137	SUNPARK	U-232PS3-HBF	RS	2	H	1.15	Series	NO	NC	NC	NC	NC
261	138	Superior Life	70210	PS	2	N	0.88	Parallel	YES	C	C	C	C
262	139	Superior Life	70211	PS	4	N	0.87	Parallel	YES	C	C	C	C
263	140	SUNPARK	SL15T	PS	2	N	0.88	Series	YES	P, T	NA	P, T	NA
264	141	SUNPARK	LC 12011T	PS	1	H	/	NA	NO	NA	NA	S	NA
265	142	SUNPARK	LC 12013T	PS	1	H	/	NA	NO	NA	NA	S	NA
266	143	Ballast Brand	DXE118M8	PRS	1	N	0.92	n.a	YES	NA	NA	NC	NA
267	144	EIKO	PM-3X32T8-UNV-PS	PS	3	N	0.88	Series	YES	S	S	S	S
268	145	EIKO	PM-3X32T8-UNV-PS-H	PS	3	H	1.18	Series	NO	S	S	S	S
269	146	Philips-Advance	REZ-3S32-SC	DPS	3	N	0.97	Series	YES	NC	NA	NC	NA
270	147	LUTRON	EHDT817MU210	DPRS	2	/	/	Series	NO	NC	NC	NC	NC
271	148	General Electric	GE232MVPS-L-S30	DPS	2	N	0.96	Parallel	YES	S	S	S	S
272	149	General Electric	GE132MVPSN-V03	DPS	1	N	0.88	n.a	YES	NA	NA	C	C
273	150	General Electric	GE332MVPSN-V03	DPS	3	N	0.98	Parallel	YES	S	S	S	S
274	151	OSRAM SYLVANIA	QTP2x32T8/UNV DIM-TC	DPS	2	N	0.88	Series	YES	S	S	S	S
275	152	KEYSTONE	KTEB-132-1-TP-FC	RS	1	N	/	NA	YES	NA	NA	P, T	NA
276	153	Universal Lighting Techno	B332PUNVHEH-A	PS	3	H	1.18	Parallel	NO	C	C	C	C
277	154	Universal Lighting Techno	B232PU104S50A	PRS	2	H	1.04	Parallel	NO	S	S	S	S
278	155	DAMAR	EL232DIM/120/277HF	DPS	2	L	/	Series	YES	S	S	S	S
279	157	HOWARD INDUSTRIES	EP2/32PRS/MV/MC/HE	PRS	2	N	0.86	Parallel	YES	S	S	S	S
280	158	HOWARD INDUSTRIES	EP4/32PPRS/MV/SC/HE	PRS	4	N	/	Parallel	YES	C	C	C	C
281	159	KEYSTONE	KTEB-126-1-TP-LC	PS	1	N	0.95	n.a	YES	NA	NA	NC	NA
282	160	Philips-Advance	REZ-2S32-SC	DPS	2	N	/	Series	YES	S	NA	S	NA
283	161	OSRAM SYLVANIA	QHE 1X32T8/UNV DIM-TC	DPS	1	N	0.88	na	YES	NA	NA	S	S
284	162	EIKO	PM-2x32T8-UNV-PS-L	PS	2	L	0.78	Series	YES	NC	NC	NC	NC
285	163	EIKO	PM-2x32T8-UNV-PS	PS	2	N	0.88	Parallel	YES	S	S	S	S
286	164	EIKO	PM-2x32T8-UNV-PS-H	PS	2	H	1.18	Series	NO	NC	NC	NC	NC
287	165	Philips-Advance	IZT-3PSP32-SC	DPS	3	H	1	Parallel	NO	S	S	S	S
288	166	Philips-Advance	REZ-132-SC	DPS	1	H	1	n.a	NO	NA	NA	S	NA
289	167	Universal Lighting Techno	B232PUNVHP-A	PS	2	N	0.88	Parallel	YES	NC	NC	NC	NC
290	168	OSRAM SYLVANIA	QHE 3X32T8/UNV PSH-HT-SC	DPS	3	H	1.15	Parallel	NO	C	C	C	C
291	169	OSRAM SYLVANIA	QHE 4X32T8/UNV DIM-TCL	DPS	4	N	0.88	Series	YES	NC	NC	NC	NC
292	170	OSRAM SYLVANIA	QHE 3X32T8/UNV DIM-TCL	DPS	3	N	0.88	Series	YES	NC	NC	NC	NC
293	171	OSRAM	QHE 2x32T8/347 PSN-SC	PRS	2	N	0.88	Parallel	YES	NA	C, (347V)	NA	C, (347V)
294	172	OSRAM SYLVANIA	QHE S 2x32T8/UNV PSL-SC	PRS	2	L	0.71	Parallel	YES	S	S	S	S
295	173	EcoSystem	EC5T832GUNV3L	PRS	3	/	/	Parallel	NO	NC	NC	NC	NC
296	174	Philips-Advance	VZT-4S32-HL	DPS	4	/	/	Parallel	NO	NC	NC	NC	NC
297	175	LUTRON	H3DT832CU210	PRS	2	/	/	Parallel	NO	NC	NC	NC	NC
298	177	Universal Lighting Techno	B232PUS50-A	PRS	2	/	/	Parallel	NO	NC	NC	NC	NC
299	178	Philips-Advance	IOP-1S32-SC	PS	1	N	0.87	Parallel	YES	NA	NA	NC	NC
300	180	General Electric	GE-332-MVPS-H	PS	3	H	/	Parallel	NO	NC	NC	NC	NC