

LED-8T8-8XXBC24-G3 (1250lm, 8W, 2ft,T8)										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-up		/	Not tested	
										HT	High temperature		NA	Not applicable	
										No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps
												DR G5		DR G5	
										120Vac	277Vac	120Vac	277Vac	120Vac	277Vac
1	1	Philips-Advance	ICN-2P32-N	IS	2	N	0.89	Parallel	YES	C	C	C	C		
2	3	Philips-Advance	IOP-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	C	C		
9	10	Universal Lighting Technologies	B232IUNVHP-N	IS	2	N	0.88	Parallel	YES	C	T	C	C		
10	11	Universal Lighting Technologies	B232IUNVEL-A	IS	2	L	0.77	Parallel	YES	C	C	C	C		
11	12	Universal Lighting Technologies	B233IUNVHE-A	IS	2	N	0.87	Parallel	YES	C	C	C	C		
12	13	ESPEN	VE232MVHPE	IS	2	N	0.89	Parallel	YES	C	C	C	C		
13	14	ESPEN	VE232MVHHPHE	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	C	C	C	C		
18	20	Philips-Advance	IOP-4P32-LW-N	IS	4	L	0.77	Parallel	YES	C	C	C	C		
19	22	General Electric	GE432MAX-H/ULTRA	IS	4	H	1.18	Parallel	NO	C	P,T	C	P,T		
20	23	General Electric	GE432MAX-L/ULTRA	IS	4	L	0.78	Parallel	YES	C	C	C	C		
21	24	OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	C	C	C	C		
22	25	OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC	IS	4	L	0.78	Parallel	YES	C	C	C	C		
23	26	Philips-Advance	IOP-1P32-N	IS	1	N	0.89	n.a	YES	NC	NC	NC	NC		
24	27	Philips-Advance	IOP-2P32HL-SC	IS	2	H	1.18	Parallel	NO	NC	NC	NC	NC		
25	28	General Electric	GE-232-MAX-H/Ultra	IS	2	H	1.15	Parallel	NO	NC	NC	NC	NC		
26	29	HOWARD INDUSTRIES	EPH4/32IS/MV/SC/HE	IS	4	H	1.16	Parallel	NO	NC	NC	NC	NC		
27	30	HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3	N	0.87	Parallel	YES	C	C	C	C		
28	31	HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	0.77	Parallel	YES	C	C	C	C		
29	32	Prolume	EP232IS/L/MV/SL	IS	2	L	0.78	Parallel	YES	C	C	C	C		
30	33	Prolume	E432IS/120/R/SL	IS	4	N	0.87	Parallel	YES	C	NA	C	NA		
31	34	General Electric	GE432MAX-G-N	IS	4	N	0.88	Parallel	YES	C	C	C	C		
32	35	Universal Lighting Technologies	B432IUNVHE L-A	IS	4	L	0.77	Parallel	YES	C	C	C	C		
33	36	OSRAM SYLVANIA	QTP 4x32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	C	P,T	C	P,T		
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	NC	NC	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	C		
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	ESPEN	VE232MVHIPLE	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	C	NA	F	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	53	Halco	EP232IS/MV/HE	IS	2	N	0.88	Parallel	YES	C	C	C	C		
47	55	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH-SC	IS	2	H	1.20	Parallel	NO	P,T	P,T	N,P,T	P,T		
48	56	HOWARD INDUSTRIES	EPH2/32IS/MV/MC/HE	IS	2	H	1.18	Parallel	NO	C	C	C	C		
49	58	MAXLITE	SKEU322HEL/SC	IS	2	L	0.77	Parallel	YES	C	C	C	C		
50	59	KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	N	0.87	Parallel	YES	C	C	C	C		
51	61	Philips-Advance	IOPA-3P32-N	IS	3	N	0.86	Parallel	YES	N	N	N	N		
52	62	Philips-Advance	IOP-3P32-N	IS	3	N	0.87	Parallel	YES	N	N	N	N		
53	63	General Electric	GE332MV-N	IS	3	N	0.87	Parallel	YES	C	C	C	C		
54	64	General Electric	GE332MAX-N/ULTRA	IS	3	N	0.88	Parallel	YES	C	C	C	C		
55	65	General Electric	GE332MAX-L/ULTRA	IS	3	L	0.78	Parallel	YES	C	C	C	C		
56	66	General Electric	GE332MAX-G-N	IS	3	N	0.87	Parallel	YES	C	C	C	C		
57	67	General Electric	GE332MAXP-H/ULTRA	IS	3	H	1.18	Parallel	NO	C	C	C	C		
58	68	OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3	N	0.88	Parallel	YES	C	C	C	C		
59	69	OSRAM SYLVANIA	QHE 3X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	C	C	C	C		
60	70	OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3	L	0.78	Parallel	YES	C	C	C	C		
61	71	Universal Lighting Technologies	B332IUNVHP-A	IS	3	N	0.88	Parallel	YES	C	P	C	C		
62	72	MAXLITE	SKEU324HE/SC	IS	4	N	0.88	Parallel	YES	C	C	C	C		
63	73	MAXLITE	SKEU323L/SC	IS	3	L	0.78	Parallel	YES	C	C	C	C		
64	74	Halco	EP332IS/MV/HE	IS	3	N	0.87	Parallel	YES	C	C	C	C		
65	76	Universal Lighting Technologies	B432IUNVHP-A	IS	4	N	0.88	Parallel	YES	C	C	C	C		
66	77	Halco	EP432IS/MV/HE	IS	4	N	0.88	Parallel	YES	C	C	C	C		
67	78	Halco	EP432IS/L/MV/HE	IS	4	L	0.78	Parallel	YES	C	C	C	C		
68	79	Philips-Advance	REB-4P32-SC	IS	4	N	0.81	Parallel	YES	C	NA	C	NA		
69	80	Philips-Advance	IOP-4P32-HL-SC	IS	4	H	1.18	Parallel	NO	NC	NC	NC	NC		
70	81	General Electric	GE432-120-RES	IS	4	N	0.83	Parallel	YES	C	NA	C	NA		
71	82	General Electric	GE432MV-N-42T	IS	4	N	0.93	Parallel	YES	C	C	C	C		
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	T,(347V)	NA	C,(347V)		
74	85	MAXLITE	MLEU322HEL/SC	IS	2	N	0.83	Parallel	YES	C	C	C	C		
75	86	MAXLITE	MLEU323H/SC	IS	3	H	1.18	Parallel	NO	C	P,T	C	P,T		
76	87	TCP	E2P32ISUNVHE	IS	2	H	1.18	Parallel	NO	C	F	C	F		
77	88	TCP	E4P32ISUNVLE	IS	4	L	0.78	Parallel	YES	C	C	C	F		
78	89	Universal Lighting Technologies	B2321120RES-A	IS	2	N	0.88	Parallel	YES	C	NA	C	NA		
79	91	General Electric	GE232MAXP90-V60	IS	2	H	1.18	Parallel	NO	C	P,T	C	P,T		
80	92	HOWARD INDUSTRIES	E2/32IS-120MC	IS	2	N	0.85	Parallel	YES	P,T	NA	P,T	NA		
81	93	HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	IS	2	L	0.78	Parallel	YES	C	P,T	C	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	T		
84	96	General Electric	GE432MAXP90-S60	IS	4	H	1.18	Parallel	NO	C	C	C	C		
85	97	EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	0.77	Parallel	YES	C	C	C	C		

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										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 G5		DR G5		
										120Vac	277Vac	120Vac	277Vac	
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		YES	C	C	C	C	
91	203	TCP	E3P32ISUNVE	IS	3	N	0.88	Parallel	YES	C	C	C	C	
92	204	TCP	E3P32ISUNVLE	IS	3	L	0.78	Parallel	YES	C	F	C	F	
93	205	TCP	E4P32ISUNVE	IS	4	N	0.88	Parallel	YES	C	C	C	F	
94	206	TCP	E4P32ISUNVHE	IS	4	H	1.18	Parallel	NO	C	C	C	C	
95	207	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	0.88	Parallel	YES	C	C	C	C	
96	210	EIKO	PM-4X32T8-UNV-IS	IS	4	N	0.88	Parallel	YES	C	C	C	C	
97	211	EIKO	PM-4X32T8-UNV-IS-L	IS	4	L	0.78	Parallel	YES	C	C	C	C	
98	212	Universal Lighting Technologies	B132IUNVHP-N	IS	1	N	0.88	n.a	YES	NA	NA	C	F	
99	213	SOLA	E-758-U-232-MC	IS	2	N	0.88	Parallel	YES	C	P	C	C	
100	214	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	0.89	Parallel	YES	C	C	C	C	
101	215	HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3	N	0.88	Parallel	YES	C	F	C	F	
102	216	WORK HORSE	WHSG3-UNV-T8-IS	IS	3	N	0.99	Parallel	YES	C	C	C	C	
103	217	WORK HORSE	WHSG4-UNV-T8-IS	IS	4	N	0.96	Parallel	YES	C	C	C	C	
104	218	KEYSTONE	KTEB-432RIS-1-TP-SL	IS	4	N	0.80	Parallel	YES	C	NA	C	NA	
105	219	MAXLITE	MLEU324HE/SC	IS	4	N	0.88	Parallel	YES	C	C	C	C	
106	220	SUNPARK	120-1/32IS HPP	IS	1	N	0.88	NA	YES	NA	NA	P,T	NA	
107	221	Superior Life	70201	IS	2	N	0.88	Parallel	YES	C	P	C	P	
108	222	SUNPARK	U-2/32IS HBF	IS	2	H	1.18	Parallel	NO	C	C	C	C	
109	223	SUNPARK	U-2/32ISE-LBF	IS	2	L	0.78	Parallel	YES	C	C	C	C	
110	224	SUNPARK	U-3/32ISE	IS	3	N	0.88	Parallel	YES	C	C	C	C	
111	225	SUNPARK	U-3/32ISE-HBF	IS	3	H	1.18	Parallel	NO	C	C	C	C	
112	226	SUNPARK	120-3/32IS MPF	IS	3	N	0.88	Parallel	YES	C	NA	C	NA	
113	227	SUNPARK	U-4/32IS HP,F	IS	4	N	0.88	Parallel	YES	C	C	C	C	
114	228	SUNPARK	U-4/32IS HBF	IS	4	H	1.18	Parallel	NO	C	C	C	C	
115	229	SUNPARK	U-4/32ISE-LBF	IS	4	L	0.77	Parallel	YES	C	C	C	C	
116	231	EIKO	PM-2X32T8-UNV-IS	IS	2	N	0.87	Parallel	YES	C	C	C	C	
117	232	KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	N	0.87	Parallel	YES	C	C	C	C	
118	233	KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	N	0.87	Parallel	YES	C	P	C	C	
119	234	General Electric	GE432MAX-H/ULTRA	IS	4	H	1.18	Parallel	NO	C	C	C	C	
120	235	Philips-Advance	ICN-3P32-N	IS	3	N	0.88	Parallel	YES	N	N	N	N	
121	236	Halco	EP232IS/L/MV/HE	IS	2	L	0.78	Parallel	YES	C	C	C	C	
122	237	Halco	EP232IS/H/MV/HE	IS	2	H	1.18	Parallel	NO	C	C	C	C	
123	238	Halco	EP332IS/L/MV/HE	IS	3	L	0.78	Parallel	YES	C	C	C	C	
124	239	Halco	EP432IS/120/MC	IS	4	N	0.88	Parallel	YES	C	C	C	C	
125	240	Philips-Advance	VEL-2P32-SC	IS	2	N	0.88	Parallel	YES	NA	P	NA	C	
126	241	Universal Lighting Technologies	B232IUNVHP-B	IS	2	N	0.88	Parallel	YES	C	C	C	C	
127	242	OSRAM SYLVANIA	QTP2x32T8/277 ISN-D	IS	2	L	0.78	Parallel	YES	NA	C	NA	C	
128	243	KEYSTONE	KTEB-232LBF-1-TP-PIC-EV	IS	2	N	0.88	Parallel	YES	C	NA	C	NA	
129	244	HATCH	HL232BIS/UV/HE/W	IS	2	N	0.9	Parallel	YES	C	C	C	C	
130	245	HATCH	HL432BIS/UV/HE/W	IS	4	N	0.9	Parallel	YES	C	C	C	C	
131	246	HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3	N	0.91	Parallel	YES	C	C	C	C	
132	247	ARCATA	ACT 3P32ISUNVLE	IS	3	L	0.78	Parallel	YES	C	C	C	C	
133	248	LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	0.78	Parallel	YES	C	C	C	C	
134	250	KEYSTONE	KTEB-232-UV-IS-H-P	IS	2	H	1.18	Parallel	NO	C	C	C	C	
135	251	KEYSTONE	KTEB-332-UV-IS-H-P	IS	3	H	1.18	Parallel	NO	C	F	C	F	
136	252	KEYSTONE	KTEB-432-UV-IS-H-P	IS	4	H	1.18	Parallel	NO	C	C	C	C	
137	253	TOPAZ	B232IUNVHEH/A-TPZ	IS	2	H	1.18	Parallel	NO	C	C	C	C	
138	254	TOPAZ	B432IUNVHEH/A-TPZ	IS	4	H	1.18	Parallel	NO	C	C	C	C	
139	255	Universal Lighting Technologies	B232IUNV-C	IS	2	N	0.88	Parallel	YES	C	C	C	C	
140	256	DAMAR	EL232-120/277HF(1688B)	IS	2	N	/	Parallel	YES	C	P,F	C	F	
141	257	DAMAR	EL232HL-120/277HF(1688D)	IS	2	H	/	Parallel	NO	C	C	C	C	
142	258	DAMAR	EL332-120/277HF(3654C)	IS	3	N	/	Parallel	YES	C	C	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	T	C	C	
145	261	DAMAR	EL432HL-120/277HF(3093C)	IS	4	H	/	Parallel	NO	C	C	C	C	
146	262	Philips-Advance	IOPA-2P32-HL-N	IS	2	H	1.18	Parallel	NO	N	N	N	N	
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	C	C	C	C	
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	267	OSRAM SYLVANIA	QT2X32/120 IS-SC	IS	2	N	0.9	Parallel	YES	P,T	NA	P,T	NA	
152	268	Watran	DB-232N-MV-TP-HE	IS	2	N	0.87	Parallel	YES	C	C	C	C	
153	269	Watran	DB-332N-MV-TP-HE	IS	3	N	0.87	Parallel	YES	C	C	C	C	
154	270	Watran	DB-432N-MV-TP-HE	IS	4	N	0.87	Parallel	YES	C	C	C	C	
155	271	Watran	DB-432L-MV-TP-HE	IS	4	L	0.77	Parallel	YES	C	C	C	C	
156	272	Watran	DB-232N-MV-TP-HE (SC)	IS	2	N	0.87	Parallel	YES	C	P	C	C	
157	273	ACT	ACT 2P32ISUNVE	IS	2	N	0.89	Parallel	YES	C	P	C	C	
158	274	ANTRON ELECTRONICS	A32T8MICLO	IS	2	L	0.78	Parallel	YES	C	C	C	C	
159	277	EIKO	PM-2x32T8-UNV-IS-H	IS	2	H	1.18	Parallel	NO	C	C	C	C	
160	278	KEYSTONE	KTLD-2T8LED-UV-IS-VDIM	IS	2			Series		C	C	C	C	
161	279	OSRAM SYLVANIA	QHE 3x32T8/UNV ISH HT-SC	IS	3	H	1.18	Parallel	NO	C	C	C	C	
162	280	Philips-Advance	VEL-2P32-RH-TP	IS	2	N	/	Parallel	YES	NA	P,T	NA	P,T	
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	F	C	C	

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No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connecti on	Enclosed fixtures?	N-1 Lamp		N Lamp		
						Type	Value			DR G5		DR G5		
										120Vac	277Vac	120Vac	277Vac	
165	284	Philips-Advance	IOP-4P32-SC	IS	4	N	0.87	Parallel	YES	S	S	S	S	
166	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 Technologies	B432IUNVHE-A	IS	4	N	0.87	Parallel	YES	C	C	C	C	
169	288	Universal Lighting Technologies	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 Technologies	B232I277RH-A	IS	4	H	1.09	Parallel	NO	NA	P,T	NA	T	
175	295	Pacific Fluorescent	EB-232IS-120-RES	IS	2	N	/	Parallel	YES	C	NA	C	NA	
176	296	OSRAM SYLVANIA	QT 2x32/347 ISH-SC	IS	2	H	1.20	Parallel	NO	NA	C,(347V)	NA	C,(347V)	
177	298	Philips-Advance	ICN-132-MC	IS	1	N	0.88	NA	YES	NA	NA	NA	C	
178	299	Philips-Advance	ICN-2P16-TLED-N	IS	2	N	/	Parallel	YES	NC	NC	NC	NC	
179	1001	Philips-Advance	ICN-4P16-TLED-N	IS	4	N	/	Parallel	YES	NC	NC	NC	NC	
180	1003	General Electric	GE232MAX-G-N	IS	2	N	0.88	Parallel	YES	C	C	C	C	
181	1004	Universal Lighting Technologies	B332IHRVHB-E	IS	3	H	/	Parallel	NO	S	S	S	S	
182	1005	General Electric	GE-232-MAX-H-42T	IS	2	H	/	Parallel	NO	C	C	C	C	
183	1006	General Electric	GE432MAX-H-42T	IS	4	H	/	Parallel	NO	C	C	C	C	
184	1008	TCP	E3P32ISUNVHE	IS	3	H	/	Parallel	NO	C	C	C	C	
185	1009	General Electric	332MAX-H-84TS	IS	3	H	/	Parallel	NO	C	C	C	C	
186	1010	General Electric	332MAX-H-42T	IS	3	H	/	Parallel	NO	C	C	C	C	
187	1015	Philips-Advance	GOPA-2P32-N	IS	2	N	/	Parallel	YES	NC,(347V)	NA	IC,(347V)	NA	
188	1037	Philips-Advance	IOP-2P32-LW-SC	IS	2	L	/	Parallel	YES	S	S	S	S	
189	1046	Philips-Advance	IOP-1P32-LW-SC	IS	1	L	/	Parallel	YES	NA	NA	C	C	
190	1047	Philips-Advance	ICN-3P16-TLED-N	IS	3	N	/	Parallel	YES	NC	NC	NC	NC	
191	101	Philips-Advance	IOP-2PSP32-N	PS	2	N	0.94	Parallel	YES	S	S	C	C	
192	102	Philips-Advance	IOP-3PSP32-SC	PS	3	N	0.88	Parallel	YES	C	C	C	C	
193	103	Philips-Advance	IOP-3PSP32-LW-SC	PS	3	L	0.69	Parallel	YES	C	C	C	C	
194	104	Philips-Advance	IOP-4PSP32-SC	PS	4	N	0.89	Parallel	YES	C	C	C	C	
195	105	Philips-Advance	IOP-4PSP32-LW-SC	PS	4	L	0.69	Parallel	YES	C	C	C	C	
196	106	OSRAM SYLVANIA	QHE 4X32T8/UNV PSX-SC	PRS	4	L	0.71	Parallel	YES	C	C	C	C	
197	107	OSRAM SYLVANIA	QHE 2X32T8/UNV PSH-HT	PRS	2	H	1.18	Parallel	NO	C	C	C	C	
198	108	Philips-Advance	IOP-2S32-SC	PS	2	N	0.87	Series	YES	C	C	C	C	
199	109	Philips-Advance	IZT-2S32-SC	DPS	2	N	1.00	Series	YES	S	S	S	S	
200	110	ESPEL	VE232MVRPHT3-AB	DPS	2	H	1.20	Series	NO	NC	NC	NC	NC	
201	112	Universal Lighting Technologies	B432PUNVHE-A	PS	4	N	0.87	Parallel	YES	C	C	C	C	
202	113	General Electric	GE232-MVPS-N	PS	2	N	0.88	Parallel	YES	C	P	C	C	
203	115	Universal Lighting Technologies	B232PUNVHE-B	PS	2	N	0.88	Parallel	YES	C	P,T	C	P,T	
204	116	OSRAM SYLVANIA	QHE 2X32T8/UNV PSN-MC	PRS	2	N	0.88	Parallel	YES	C	C	C	C	
205	117	Philips-Advance	IOP-2PSP32-LW-N	PS	2	L	0.71	Parallel	YES	C	C	C	C	
206	118	Philips-Advance	IZT-2PSP32-SC	DPS	2	N	1.00	Parallel	YES	NC	NC	NC	NC	
207	120	General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	YES	C	C	C	C	
208	121	OSRAM SYLVANIA	QHE 3X32T8/UNV PSN-SC	PRS	3	N	0.88	Parallel	YES	C	C	C	C	
209	122	OSRAM SYLVANIA	QTP 3X32T8/UNV PSX-SC	PRS	3	L	0.71	Series	YES	S	S	S	S	
210	123	OSRAM SYLVANIA	QTP3X32T8/UNV PSN-SC	PRS	3	N	0.88	Series	YES	S	S	S	S	
211	124	General Electric	GE432-MVPS-N	PS	4	N	0.88	Parallel	YES	C	T	C	F	
212	125	General Electric	GE432MVPS-N-V03	PS	4	N	0.90	Parallel	YES	NC	NC	NC	NC	
213	126	OSRAM SYLVANIA	QHE 4X32T8/UNV PSN-SC	PRS	4	N	0.88	Parallel	YES	C	C	C	C	
214	127	OSRAM SYLVANIA	QHE 2X32T8/UNV DIM-TC	PRS	2	N	0.88	Series	YES	NC	NC	NC	NC	
215	128	Watran	DBG32N-MV-TP-PS-HL	PS	3	H	/		NO	S	S	S	S	
216	129	General Electric	GE-232-MV-PS-N	PS	2	N	0.88	Parallel	YES	C	C	C	C	
217	133	SUNPARK	U-1/32PSE	PS	1	N	0.88	n.a	YES	NA	NA	C	C	
218	134	SUNPARK	U-2/32PSE	RS	2	N	0.88		YES	S	S	S	S	
219	135	SUNPARK	U-2/32PSE-HBF	RS	2	H	1.15		NO	S	S	S	S	
220	136	SUNPARK	U-232PS3	RS	2	N	0.88		YES	S	S	S	S	
221	137	SUNPARK	U-232PS3-HBF	RS	2	H	1.15		NO	NC	NC	NC	NC	
222	138	Superior Life	70210	PS	2	N	0.88	Parallel	YES	NC	NC	NC	NC	
223	139	Superior Life	70211	PS	4	N	0.87	Parallel	YES	NC	NC	NC	NC	
224	140	SUNPARK	SL15T	PS	2	N	0.88	Series	YES	NA	NA	C	NA	
225	141	SUNPARK	LC 12011T	PS	1	H	/	NA	NO	NA	NA	F	NA	
226	142	SUNPARK	LC 12013T	PS	1	H	/	NA	NO	NA	NA	NC	NA	
227	144	EIKO	PM-3X32T8-UNV-PS	PS	3	N	0.88	Series	YES	S	S	S	S	
228	145	EIKO	PM-3X32T8-UNV-PS-H	PS	3	H	1.18	Series	NO	S	S	S	S	
229	146	Philips-Advance	REZ-3S32-SC	DPS	3	N	0.97	Series	YES	NC	NA	NC	NA	
230	148	General Electric	GE232MVPS-L-S30	DPS	2	N	0.96	Parallel	YES	NC	NC	NC	NC	
231	149	General Electric	GE132MVPSN-V03	DPS	1	N	0.88	n.a	YES	NA	NA	NC	NC	
232	150	General Electric	GE332MVPSN-V03	DPS	3	N	0.98	Parallel	YES	NC	NC	NC	NC	
233	151	OSRAM SYLVANIA	QTP2x32T8/UNV DIM-TC	DPS	2	N	0.88		YES	NC	NC	NC	NC	
234	152	KEYSTONE	KTEB-132-1-TP-FC	RS	1	N	/	NA	YES	NA	NA	C	NA	
235	153	Universal Lighting Technologies	B332PUNVHEH-A	PS	3	H	1.18	Parallel	NO	C	C	C	C	
236	154	Universal Lighting Technologies	B232PU104S50A	PRS	2	H	1.04	Parallel	NO	S	S	S	S	
237	155	DAMAR	EL232DIM/120/277HF	DPS	2	L	/	Series	YES	NC	NC	NC	NC	
238	157	HOWARD INDUSTRIES	EP2/32PRS/MV/MC/HE	PRS	2	N	0.86	Parallel	YES	S	S	S	S	
239	158	HOWARD INDUSTRIES	EP4/32PPRS/MV/SC/HE	PRS	4	N	/	Parallel	YES	C	F	C	C	
240	160	Philips-Advance	REZ-2S32-SC	DPS	2	N	/	Series	YES	S	NA	S	NA	
241	161	OSRAM SYLVANIA	QHE 1X32T8/UNV DIM-TC	DPS	1	N	0.88	na	YES	NA	NA	NC	NC	
242	163	EIKO	PM-2x32T8-UNV-PS	PS	2	N	0.88	Parallel	YES	S	S	S	S	
243	165	Philips-Advance	IZT-3PSP32-SC	DPS	3	H	1	Parallel	NO	S	S	S	S	
244	166	Philips-Advance	REZ-132-SC	DPS	1	H	1	n.a	NO	NA	NA	NC	NA	

LED-8T8-8XXBC24-G3 (1250lm, 8W, 2ft,T8)										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-up		/	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 G5	DR G5	120Vac	277Vac	120Vac
245	167	Universal Lighting Technologies	B232PUNVHP-A	PS	2	N	0.88	Parallel	YES	S	S	S	S	
246	168	OSRAM SYLVANIA	QHE 3X32T8/UNV PSH-HT-SC	DPS	3	H	1.15	Parallel	NO	C	C	C	C	
247	171	OSRAM	QHE 2x32T8/347 PSN-SC	PRS	2	N	0.88	Parallel	YES	NC	NC	NC	NC	
248	172	OSRAM SYLVANIA	QHE 2x32T8/UNV PSL-SC	PRS	2	L	0.71	Parallel	YES	S	S	C	C	
249	178	Philips-Advance	IOP-1S32-SC	PS	1	N	0.87		YES	NA	NA	C	C	
250	180	General Electric	GE-332-MVPS-H	PS	3	H	/	Parallel	NO	NC	NC	NC	NC	
Emergency Ballast														
No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	N-1 Lamp			N Lamp					
1	402	EXITRONIX	XEB-7-B-LM	AC	1	NA			Can work with these Emergency Ballast					
2	406	POWER SENTRY	PSQ500QD MVOLT	DC	1									
3	415	KEYSTONE	KT-EMRG-800-T5	AC	1									
4	417	KEYSTONE	KT-EMRG-1400	DC	1									
5	420	ESPEN	VEM500DV(L)	AC	1									
6	421	ESPEN	VEM700DV(L)	AC	1									
7	424	TAMLITE	BAL1400LPACTD	AC	1									
8	425	TAMLITE	PAC0457	AC	1									
9	427	BODINE	B50ST	DC	2	N			Can work with it.					
10	428	BODINE	B60	/	2	Can work with it.			NC					