

LED-10T8-8XXBC36-G3 (3ft, 10W,1450, 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 G5S	DR G5S	120Vac	277Vac	120Vac
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	P	C	C	
8	9	General Electric	GE232MAX-N/ULTRA	IS	2	N	0.88	Parallel	YES	C	P	C	C	
9	10	Universal Lighting Technologies	B232IUNVHP-N	IS	2	N	0.88	Parallel	YES	C	C	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	N	N	N	N	
12	13	ESPEEN	VE232MVHIPE	IS	2	N	0.89	Parallel	YES	C	P	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	C	C	C	C	
15	16	OSRAM SYLVANIA	QHE 3X32T8/UNV ISH-SC	IS	3	H	1.18	Parallel	NO	N	N	N	N	
16	19	Philips-Advance	IOP-4P32-N	IS	4	N	0.87	Parallel	YES	C	C	C	C	
17	20	Philips-Advance	IOP-4P32-LW-N	IS	4	L	0.77	Parallel	YES	C	C	C	C	
18	21	Philips-Advance	ICN-4P32-N	IS	4	N	0.90	Parallel	YES	C	C	C	C	
19	23	General Electric	GE432MAX-L/ULTRA	IS	4	L	0.78	Parallel	YES	C	C	C	C	
20	24	OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	C	F	C	F	
21	25	OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC	IS	4	L	0.78	Parallel	YES	C	C	C	C	
22	26	Philips-Advance	IOP-1P32-N	IS	1	N	0.89	NA	YES	NA	NA	NC	NC	
23	27	Philips-Advance	IOP-2P32HL-SC	IS	2	H	1.18	Parallel	NO	NC	NC	NC	NC	
24	28	General Electric	GE-232-MAX-H/Ultra	IS	2	H	1.15	Parallel	NO	NC	NC	NC	NC	
25	29	HOWARD INDUSTRIES	EPH4/32IS/MV/SC/HE	IS	4	H	1.16	Parallel	NO	NC	NC	NC	NC	
26	30	HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3	N	0.87	Parallel	YES	C	C	C	C	
27	31	HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	0.77	Parallel	YES	C	C	C	C	
28	33	Prolume	E432IS/120/R/SL	IS	4	N	0.87	Parallel	YES	P,T	NA	P,T	NA	
29	34	General Electric	GE432MAX-G-N	IS	4	N	0.88	Parallel	YES	C	C	C	C	
30	35	Universal Lighting Technologies	B432IUNVHE L-A	IS	4	L	0.77	Parallel	YES	C	C	C	C	
31	36	OSRAM SYLVANIA	QTP 4x32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	NC	NC	NC	NC	
32	37	Philips-Advance	ICN-1P32-N	IS	1	N	0.91	NA	YES	NA	NA	NC	NC	
33	38	Philips-Advance	IOPA-1P32-N	IS	1	N	0.88	NA	YES	NA	NA	NC	NC	
34	39	General Electric	GE132MAX-G-N	IS	1	N	0.88	NA	YES	NA	NA	NC	NC	
35	40	General Electric	GE132MAX-H/ULTRA	IS	1	H	1.18	NA	NO	NA	NA	C	C	
36	41	General Electric	GE132MAX-L/ULTRA	IS	1	L	0.78	NA	YES	NA	NA	NC	NC	
37	43	OSRAM SYLVANIA	QHE 1X32T8/UNV ISN-SC	IS	1	N	0.88	NA	YES	NA	NA	C	C	
38	44	OSRAM SYLVANIA	QHE 1X32T8/UNV ISL-SC	IS	1	L	0.78	NA	YES	NA	NA	C	C	
39	46	ESPEEN	VE232MVHIPE	IS	2	L	0.77	Parallel	YES	C	C	C	C	
40	48	Philips-Advance	REB-2P32-SC	IS	2	N	0.88	Parallel	YES	F	NA	F	NA	
41	49	General Electric	GE232MV-N-DIY	IS	2	N	0.88	Parallel	YES	C	C	C	C	
42	51	General Electric	GE232MAX-L/ULTRA	IS	2	L	0.78	Parallel	NO	HT	HT	HT	HT	
43	52	General Electric	GE232MAX347-N	IS	2	H	1.02	Parallel	NO	NA	NC	NA	NC	
44	53	Halco	EP232IS/MV/HE	IS	2	N	0.88	Parallel	YES	C	C	C	C	
45	54	Universal Lighting Technologies	B232IUNVHEH-A	IS	2	N	1.18	Parallel	YES	C	C	C	C	
46	55	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH-SC	IS	2	H	1.20	Parallel	NO	P,T	F	N,P,T	P,T	
47	56	HOWARD INDUSTRIES	EPH2/32IS/MV/MC/HE	IS	2	H	1.18	Parallel	NO	C	C	C	C	
48	58	MAXLITE	SKEU322HEL/SC	IS	2	L	0.77	Parallel	YES	C	C	C	C	
49	59	KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	N	0.87	Parallel	YES	C	P	C	C	
50	61	Philips-Advance	IOPA-3P32-N	IS	3	N	0.86	Parallel	YES	N	N	N	N	
51	62	Philips-Advance	IOP-3P32-N	IS	3	N	0.87	Parallel	YES	N	N	N	N	
52	63	General Electric	GE332MV-N	IS	3	N	0.87	Parallel	YES	C	C	C	C	
53	64	General Electric	GE332MAX-N/ULTRA	IS	3	N	0.88	Parallel	YES	C	C	C	C	
54	65	General Electric	GE332MAX-L/ULTRA	IS	3	L	0.78	Parallel	YES	C	C	C	C	
55	66	General Electric	GE332MAX-G-N	IS	3	N	0.87	Parallel	YES	C	C	C	C	
56	68	OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3	N	0.88	Parallel	YES	C	C	C	C	
57	69	OSRAM SYLVANIA	QHE 3X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	YES	C	C	C	C	
58	70	OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3	L	0.78	Parallel	YES	C	C	C	F	
59	71	Universal Lighting Technologies	B332IUNVHP-A	IS	3	N	0.88	Parallel	YES	C	P	C	C	
60	72	MAXLITE	SKEU324HE/SC	IS	4	N	0.88	Parallel	YES	C	C	C	C	
61	73	MAXLITE	SKEU323L/SC	IS	3	L	0.78	Parallel	YES	C	F	C	C	
62	74	Halco	EP332IS/MV/HE	IS	3	N	0.87	Parallel	YES	C	C	C	C	
63	76	Universal Lighting Technologies	B432IUNVHP-A	IS	4	N	0.88	Parallel	YES	C	C	C	C	
64	77	Halco	EP432IS/MV/HE	IS	4	N	0.88	Parallel	YES	C	C	C	C	
65	78	Halco	EP432IS/L/MV/HE	IS	4	L	0.78	Parallel	YES	C	C	C	C	
66	79	Philips-Advance	REB-4P32-SC	IS	4	N	0.81	Parallel	YES	P,T	NA	P,T	NA	
67	80	Philips-Advance	IOP-4P32-HL-SC	IS	4	H	1.18	Parallel	NO	NC	NC	NC	NC	
68	81	General Electric	GE432-120-RES	IS	4	N	0.83	Parallel	YES	S	NA	S	NA	
69	82	General Electric	GE432MV-N-42T	IS	4	N	0.93	Parallel	YES	NC	NC	NC	NC	
70	83	General Electric	GE432MAX-N/ULTRA	IS	4	N	0.88	Parallel	YES	C	C	C	C	
71	84	General Electric	GE432MAX347-N	IS	4	N	0.94	Parallel	YES	NA	347,T	NA	C	
72	85	MAXLITE	MLEU322HEL/SC	IS	2	N	0.83	Parallel	YES	C	C	C	C	
73	86	MAXLITE	MLEU323H/SC	IS	3	H	1.18	Parallel	NO	C	P,T	C	P,T	
74	87	TCP	E2P32ISUNVHE	IS	2	H	1.18	Parallel	NO	C	F	C	F	
75	88	TCP	E4P32ISUNVLE	IS	4	L	0.78	Parallel	YES	F	F	F	F	
76	89	Universal Lighting Technologies	B232I120RES-A	IS	2	N	0.88	Parallel	YES	P,T	NA	P,T	NA	
77	91	General Electric	GE232MAXP90-V60	IS	2	H	1.18	Parallel	NO	NC	NC	NC	NC	
78	92	HOWARD INDUSTRIES	E2/32IS-120MC	IS	2	N	0.85	Parallel	YES	P,T	NA	P,T	NA	
79	93	HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	IS	2	L	0.78	Parallel	YES	C	F	C	C	
80	94	PLUSRITE	BAF232IS/MV	IS	2	N	0.89	Parallel	YES	C	C	C	C	
81	95	General Electric	GE332MAXP90-V60	IS	3	H	1.18	Parallel	NO	NC	NC	NC	NC	
82	96	General Electric	GE432MAXP90-S60	IS	4	H	1.18	Parallel	NO	NC	NC	NC	NC	
83	97	EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	0.77	Parallel	YES	C	C	C	C	
84	98	EIKO	PM-3X32T8-UNV-IS	IS	3	N	0.87	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 G5S	DR G5S	120Vac	277Vac	120Vac
85	99	EIKO	PM-3X32T8-UNV-IS-H	IS	3	H	1.18	Parallel	NO	C	C	C	C	
86	200	EIKO	PM-3X32T8-UNV-IS-L	IS	3	L	0.78	Parallel	YES	C	C	C	C	
87	201	HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3	L	0.78	Parallel	YES	C	C	C	C	
88	202	PLUSRITE	BAF332IS/MV	IS	3	N	0.88	Parallel	YES	C	C	C	C	
89	203	TCP	E3P32ISUNVLE	IS	3	N	0.88	Parallel	YES	C	C	C	F	
90	204	TCP	E3P32ISUNVLE	IS	3	L	0.78	Parallel	YES	C	F	C	F	
91	205	TCP	E4P32ISUNVLE	IS	4	N	0.88	Parallel	YES	C	F	C	F	
92	206	TCP	E4P32ISUNVHE	IS	4	N	1.18	Parallel	YES	C	C	C	C	
93	207	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	0.88	Parallel	YES	C	C	C	C	
94	209	PES	PES120ET8-12SMT-4	IS	4	N	0.88	Parallel	YES	S	NA	S	NA	
95	210	EIKO	PM-4X32T8-UNV-IS	IS	4	N	0.88	Parallel	YES	C	C	C	C	
96	211	EIKO	PM-4X32T8-UNV-IS-L	IS	4	L	0.78	Parallel	YES	C	C	C	C	
97	212	Universal Lighting Technologies	B132IUNVHP-N	IS	1	N	0.88	NA	YES	NA	NA	C	F	
98	213	SOLA	E-758-U-232-MC	IS	2	N	0.88	Parallel	YES	C	F,P	C	F	
99	214	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	0.89	Parallel	YES	C	C	C	C	
100	215	HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3	N	0.88	Parallel	YES	C	NC	C	C	
101	216	WORK HORSE	WHSG3-UNV-T8-IS	IS	3	N	0.99	Parallel	YES	C	C	C	C	
102	217	WORK HORSE	WHSG4-UNV-T8-IS	IS	4	N	0.96	Parallel	YES	C	C	C	C	
103	218	KEYSTONE	KTEB-432RIS-1-TP-SL	IS	4	N	0.80	Parallel	YES	P,T	NA	P,T	NA	
104	219	MAXLITE	MLEU324HE/SC	IS	4	N	0.88	Parallel	YES	C	C	C	C	
105	220	SUNPARK	120-1/32IS HPF	IS	1	N	0.88	NA	YES	NA	NA	C	NA	
106	221	Superior Life	70201	IS	2	N	0.88	Parallel	YES	C	F	C	F	
107	222	SUNPARK	U-2/32IS HBF	IS	2	H	1.18	Parallel	NO	C	C	C	C	
108	223	SUNPARK	U-2/32ISE-LBF	IS	2	L	0.78	Parallel	YES	C	C	C	C	
109	224	SUNPARK	U-3/32ISE	IS	3	N	0.88	Parallel	YES	C	F	C	C	
110	225	SUNPARK	U-3/32ISE-HBF	IS	3	H	1.18	Parallel	NO	C	C	C	C	
111	226	SUNPARK	120-3/32IS MPF	IS	3	N	0.88	Parallel	YES	P,T	NA	P,T	NA	
112	227	SUNPARK	U-4/32IS HP,F	IS	4	N	0.88	Parallel	YES	C	C	C	C	
113	228	SUNPARK	U-4/32IS HBF	IS	4	H	1.18	Parallel	NO	C	C	C	C	
114	229	SUNPARK	U-4/32ISE-LBF	IS	4	L	0.77	Parallel	YES	C	C	C	C	
115	230	Philips-Advance	ICN-4P32-SC	IS	4	N	0.89	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	C	C	C	
119	234	General Electric	GE432MAX-H/ULTRA	IS	4	H	1.18	Parallel	NO	C	F	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	F	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	NA	C	NA	
125	240	Philips-Advance	VEL-2P32-SC	IS	2	N	0.88	Parallel	YES	NA	NC	NA	NC	
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	NC	NA	NC	
128	244	HATCH	HL232BIS/UV/HE/W	IS	2	N	0.9	Parallel	YES	C	F	C	C	
129	245	HATCH	HL432BIS/UV/HE/W	IS	4	N	0.9	Parallel	YES	C	C	C	F	
130	246	HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3	N	0.91	Parallel	YES	C	F	C	F	
131	247	ARCATA	ACT 3P32ISUNVLE	IS	3	L	0.78	Parallel	YES	C	C	C	C	
132	248	LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	0.78	Parallel	YES	C	C	C	C	
133	249	General Electric	GE432MAX90-S60	IS	4	H	1.18	Parallel	NO	N	N	N	N	
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	F	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	NC	F	NC	F	
141	257	DAMAR	EL232HL-120/277HF(1688D)	IS	2	H	/	Parallel	NO	C	P	C	P	
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	261	DAMAR	EL432HL-120/277HF(3093C)	IS	4	H	/	Parallel	NO	NC	F	NC	F	
145	262	Philips-Advance	IOPA-2P32-HL-N	IS	2	H	1.18	Parallel	NO	N	N	N	N	
146	263	Plusrite	BAF232IS/MV/L	IS	2	L	0.78	Parallel	YES	C	C	C	C	
147	264	Plusrite	BAF332IS/MV/L	IS	3	L	0.78	Parallel	YES	C	C	C	C	
148	265	Plusrite	BAF432IS/MV	IS	4	N	0.88	Parallel	YES	C	C	C	C	
149	266	Plusrite	BAF432IS/MV/L	IS	4	L	0.78	Parallel	YES	C	C	C	C	
150	268	Watran	DB-232N-MV-TP-HE	IS	2	N	0.87	Parallel	YES	C	C	C	C	
151	269	Watran	DB-332N-MV-TP-HE	IS	3	N	0.87	Parallel	YES	C	C	C	C	
152	270	Watran	DB-432N-MV-TP-HE	IS	4	N	0.87	Parallel	YES	C	C	C	C	
153	271	Watran	DB-432L-MV-TP-HE	IS	4	L	0.77	Parallel	YES	C	C	C	C	
154	272	Watran	DB-232N-MV-TP-HE (SC)	IS	2	N	0.87	Parallel	YES	C	F	C	F	
155	273	ACT	ACT 2P32ISUNVLE	IS	2	N	0.89	Parallel	YES	C	P	C	C	
156	274	ANTRON ELECTRONICS	A32T8MICLO	IS	2	L	0.78	Parallel	YES	C	F	C	C	
157	277	EIKO	PM-2x32T8-UNV-IS-H	IS	2	H	1.18	Parallel	NO	C	P,T	C	C	
158	278	KEYSTONE	KTLD-2T8LED-UV-IS-VDIM	IS	2	/	/	Parallel	NO	S	S	S	S	
159	279	OSRAM SYLVANIA	QHE 3x32T8/UNV ISH HT-SC	IS	3	H	1.18	Parallel	NO	C	C	C	C	
160	280	Philips-Advance	VEL-2P32-RH-TP	IS	2	N	/	Parallel	YES	NA	NC	NA	NC	
161	281	OSRAM SYLVANIA	QHE 4x32T8/UNV ISH HT-1	IS	4	H	1.18	Parallel	NO	C	C	C	C	
162	282	Philips-Advance	IOP-3P32HL-90C-SC	IS	3	H	1.22	Parallel	NO	NC	NC	NC	NC	
163	283	TCP	TCP3P32ISUNVH	IS	3	H	1.18	Parallel	NO	C	F	C	C	
164	284	Philips-Advance	IOP-4P32-SC	IS	4	N	0.87	Parallel	YES	S	S	S	S	

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165	285	OSRAM SYLVANIA	QTP 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	YES	C	C	C	C	
166	286	Philips-Advance	IOPA-4P32-SC	IS	4	N	0.92	Parallel	YES	C	C	C	C	
167	287	Universal Lighting Technologies	B432IUNVHE-A	IS	4	N	0.87	Parallel	YES	C	C	C	C	
168	288	Universal Lighting Technologies	B432IUNVHEH-E	IS	4	H	1.15	Parallel	NO	C	C	C	C	
169	289	General Electric	GE232MAX-G-L	IS	2	L	0.77	Parallel	YES	C	P	C	P	
170	290	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT-SC	IS	2	H	1.2	Parallel	NO	C	C	C	C	
171	291	OSRAM SYLVANIA	QHE 4x32T8/UNV ISH-SC	IS	4	H	1.2	Parallel	NO	NC	NC	NC	NC	
172	292	General Electric	GE332MAXP-L/ULTRA	IS	3	L	0.77	Parallel	YES	C	C	C	C	
173	293	Universal Lighting Technologies	B232I277RH-A	IS	4	H	1.09	Parallel	NO	NA	C	NA	P,T	
174	294	General Electric	GE432MAX347-H	IS	4	H	1.18	Parallel	NO	NA	/	NA	/	
175	295	Pacific Fluorescent	EB-232IS-120-RES	IS	2	N	/	Parallel	YES	P,T	NA	P,T	NA	
176	297	OSRAM SYLVANIA	QHE 1X32T8/UNV ISH-SC	IS	1	L	0.77	NA	YES	NA	NA	C	C	
177	298	Philips-Advance	ICN-132-MC	IS	1	N	0.88	NA	YES	NA	NA	C	C	
178	299	Philips-Advance	ICN-2P16-TLED-N	IS	2	N	/	NA	YES	NC	NC	NC	NC	
179	1001	Philips-Advance	ICN-4P16-TLED-N	IS	4	N	/	Parallel	YES	NC	NC	NC	NC	
180	1002	ESPEN	VE2P32MVHIPE	IS	2	N	0.89	Parallel	YES	C	C	C	C	
181	1003	General Electric	GE232MAX-G-N	IS	2	N	0.88	Parallel	YES	C	P	C	C	
182	1005	General Electric	GE-232-MAX-H-42T	IS	2	H	/	Parallel	NO	NC	NC	NC	NC	
183	1006	General Electric	GE432MAX-H-42T	IS	4	H	/	Parallel	NO	NC	NC	NC	NC	
184	1007	Cooper Lighting	CL-432ISUNV-R1-B	IS	4	H	1.18	Parallel	NO	C	C	C	C	
185	1009	General Electric	332MAX-H-84TS	IS	3	H	/	Parallel	NO	NC	NC	NC	NC	
186	1010	General Electric	332MAX-H-42T	IS	3	H	/	Parallel	NO	NC	NC	NC	NC	
187	1011	General Electric	GE432MAX-G-H	IS	4	H	1.18	Parallel	NO	C	C	C	C	
188	1012	Philips-Advance	ICN-3P32-SC	IS	3	N	0.89	Parallel	YES	C	C	C	C	
189	1013	Philips-Advance	VEL-3P32-SC	IS	3	N	0.88	Parallel	YES	NA	/	NA	/	
190	1014	Philips-Advance	REL-2P32-RH-TP	IS	2	H	/	Parallel	NO	P,T	NA	P,T	NA	
191	1015	Philips-Advance	GOPA-2P32-N	IS	2	N	/	Parallel	YES	NC,(347V)	NA	NC,(347V)	NA	
192	1016	Philips-Advance	IOPA-4P32-HL	IS	4	H	1.18	Parallel	NO	C	C	C	C	
193	1017	KEYSTONE	KTEB-232-UV-IS-L-P	IS	2	L	/	Parallel	YES	C	C	C	C	
194	1018	SYLVANIA	QT 3x32/277 IS	IS	3	N	0.9	Parallel	YES	NA	P,T	NA	P,T	
195	1020	Universal Lighting Technologies	B332I277RH-A	IS	3	N	0.88	Parallel	YES	NA	P	NA	P	
196	1021	Philips-Advance	IOPA-2P32-LW-N	IS	2	L	0.76	Parallel	YES	C	C	C	C	
197	1022	Philips-Advance	IOPA-4P32-LW-N	IS	4	L	0.76	Parallel	YES	C	C	C	C	
198	1023	OSRAM SYLVANIA	QHE 4X32T8/UNV ISH	IS	4	H	/	Parallel	NO	C	C	C	C	
199	1025	SYLVANIA	QT 4x32 T8/347 ISN-SC	IS	4	N	/	Parallel	YES	NA	C	NA	C	
200	1026	OSRAM	QHE 2X32T8/347 ISN-SC	IS	2	H	/	Parallel	NO	NA	C	NA	C	
201	1027	OSRAM	QHE 4X32T8/347 ISN-SC	IS	4	H	/	Parallel	NO	NA	C	NA	C	
202	1028	Philips-Advance	IOPA-3P32-LW-SC	IS	3	L	0.78	Parallel	YES	C	C	C	C	
203	1030	General Electric	GE232MAXP-N/ULTRA	IS	2	N	/	Parallel	YES	NC	NC	NC	NC	
204	1031	General Electric	GE332MAXP-N/ULTRA	IS	3	N	/	Parallel	YES	C	C	C	C	
205	1032	SYLVANIA	QT 2x32277 IS-SC	IS	2	/	/	Parallel	YES	NA	P,T	NA	T	
206	1034	General Electric	GE432MV-N	IS	4	N	/	Parallel	YES	C	C	C	C	
207	1035	Philips-Advance	IOP-1P32-LW-N	IS	1	L	/	Parallel	YES	NA	NA	C	C	
208	1036	Philips-Advance	IOP-1P32-SC	IS	1	N	0.87	Parallel	YES	NA	NA	C	C	
209	1037	Philips-Advance	IOP-2P32-LW-SC	IS	2	L	/	Parallel	YES	S	S	S	S	
210	1038	Philips-Advance	IOP-3P32-LW-SC	IS	3	L	/	Parallel	YES	C	P,T	F	C	
211	1039	Philips-Advance	IOP-4P32-LW-SC	IS	4	L	/	Parallel	YES	S	S	S	S	
212	1040	Universal Lighting Technologies	B132IUNVEL-A	IS	1	/	/	Parallel	YES	NA	NA	C	C	
213	1041	Universal Lighting Technologies	B432I347HE-A	IS	4	L	0.77	Parallel	YES	NA	S	NA	S	
214	1042	SYLVANIA	QT 2X32/347LP	IS	2	N	0.88	Parallel	YES	NA	P,T	NA	P,T	
215	1043	SYLVANIA	QT 4X32/347LP	IS	4	/	/	Parallel	YES	NA	P,T	NA	P,T	
216	1046	Philips-Advance	IOP-1P32-LW-SC	IS	1	/	/	NA	YES	NA	NA	C	C	
217	1047	Philips-Advance	ICN-3P16-TLED-N	IS	3	N	/	Parallel	YES	NC	NC	NC	NC	
218	1051	MOTOROLA	M2-IN-T8-GP-D-277	IS	2	/	/	Parallel	YES	/	C	/	C	
219	1052	MOTOROLA	M3-IN-T8-GP-A-277	IS	3	/	/	Parallel	YES	/	C	/	C	
220	101	Philips-Advance	IOP-2PSP32-N	PS	2	N	0.94	Parallel	YES	NC	NC	NC	NC	
221	102	Philips-Advance	IOP-3PSP32-SC	PS	3	N	0.88	Parallel	YES	C	C	C	C	
222	105	Philips-Advance	IOP-4PSP32-LW-SC	PS	4	L	0.69	Parallel	YES	NC	NC	NC	NC	
223	106	OSRAM SYLVANIA	QHE 4X32T8/UNV PSX-SC	PRS	4	L	0.71	Parallel	YES	F	F	F	F	
224	107	OSRAM SYLVANIA	QHE 2X32T8/UNV PSH-HT	PRS	2	H	1.18	Parallel	NO	C	C	C	C	
225	108	Philips-Advance	IOP-2S32-SC	PS	2	N	0.87	Series	YES	S	S	S	S	
226	109	Philips-Advance	IZT-2S32-SC	DPS	2	N	1.00	Series	YES	S	S	S	S	
227	110	ESPEN	VE232MVHRPHT3-AB	DPS	2	H	1.20	Series	NO	S	S	S	S	
228	112	Universal Lighting Technologies	B432PUNVHE-A	PS	4	N	0.87	Parallel	YES	C	C	C	C	
229	113	General Electric	GE232-MVPS-N	PS	2	N	0.88	Parallel	YES	C	F	C	F	
230	115	Universal Lighting Technologies	B232PUNVHE-B	PS	2	N	0.88	Parallel	YES	C	C	C	C	
231	116	OSRAM SYLVANIA	QHE 2X32T8/UNV PSN-MC	PRS	2	N	0.88	Parallel	YES	NC	NC	NC	NC	
232	117	Philips-Advance	IOP-2PSP32-LW-N	PS	2	L	0.71	Parallel	YES	C	C	C	C	
233	118	Philips-Advance	IZT-2PSP32-SC	DPS	2	N	1.00	Parallel	YES	NC	NC	NC	NC	
234	119	Universal Lighting Technologies	B332PUNVHE-A	PS	3	N	0.88	Parallel	YES	C	C	C	C	
235	120	General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	YES	C	C	C	C	
236	121	OSRAM SYLVANIA	QHE 3X32T8/UNV PSN-SC	PRS	3	N	0.88	Parallel	YES	C	C	C	C	
237	122	OSRAM SYLVANIA	QTP 3X32T8/UNV PSX-SC	PRS	3	L	0.71	Series	YES	S	S	S	S	
238	123	OSRAM SYLVANIA	QTP3X32T8/UNV PSN-SC	PRS	3	N	0.88	Series	YES	S	S	S	S	
239	125	General Electric	GE432MVPS-N-V03	PS	4	N	0.90	Parallel	YES	NC	NC	NC	NC	
240	126	OSRAM SYLVANIA	QHE 4X32T8/UNV PSN-SC	PRS	4	N	0.88	Parallel	YES	C	C	C	C	
241	127	OSRAM SYLVANIA	QHE 2X32T8/UNV DIM-TC	PRS	2	N	0.88	Series	YES	S	S	S	S	
242	128	Watran	DBG32N-MV-TP-PS-HL	PS	3	H	/	Series	NO	S	S	S	S	
243	129	General Electric	GE-232-MV-PS-N	PS	2	N	0.88	Parallel	YES	C	C	C	C	
129	130	KEYSTONE	KTEB-2C72-1-TP	PS	1	N	0.97	Parallel	YES	NA	NA	S	S	

LED-10T8-8XXBC36-G3 (3ft, 10W,1450, 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			120Vac	277Vac	120Vac	277Vac	
130	131	Robertson	RSZ132T8120	PS	1	N	0.80	NA	YES	NA	NA	S	S	
131	132	PES	PES120DET8-12SMT	PS	2	N	0.95	Parallel	YES	S	S	S	S	
247	133	SUNPARK	U-1/32PSE	PS	1	N	0.88	NA	YES	NA	NA	S	S	
248	134	SUNPARK	U-2/32PSE	RS	2	N	0.88	Series	YES	S	S	S	S	
249	135	SUNPARK	U-2/32PSE-HBF	RS	2	H	1.15	Series	NO	S	S	S	S	
250	136	SUNPARK	U-232PS3	RS	2	N	0.88	Series	YES	S	S	S	S	
251	137	SUNPARK	U-232PS3-HBF	RS	2	H	1.15	Series	NO	S	S	S	S	
252	138	Superior Life	70210	PS	2	N	0.88	Parallel	YES	NC	NC	NC	NC	
253	139	Superior Life	70211	PS	4	N	0.87	Parallel	YES	NC	NC	NC	NC	
254	140	SUNPARK	SL15T	PS	2	N	0.88	Series	YES	P,T	NA	P,T	NA	
255	141	SUNPARK	LC 12011T	PS	1	H	/	NA	NO	/	NA	NC	NA	
256	142	SUNPARK	LC 12013T	PS	1	H	/	NA	NO	/	NA	NC	NA	
257	144	EIKO	PM-3X32T8-UNV-PS	PS	3	N	0.88	Series	YES	NC	NC	NC	NC	
258	145	EIKO	PM-3X32T8-UNV-PS-H	PS	3	H	1.18	Series	NO	NC	NC	NC	NC	
259	146	Philips-Advance	REZ-3S32-SC	DPS	3	N	0.97	Series	YES	NC	NC	NC	NC	
146	147	LUTRON	EHD817MU210	DPRS	2	/	/	Series	NO	S	S	S	S	
261	148	General Electric	GE232MVPS-L-S30	DPS	2	N	0.96	Parallel	YES	NC	NC	NC	NC	
262	149	General Electric	GE132MVPSN-V03	DPS	1	N	0.88	NA	YES	NA	NA	NC	NC	
263	150	General Electric	GE332MVPSN-V03	DPS	3	N	0.98	Parallel	YES	S	S	S	S	
264	151	OSRAM SYLVANIA	QTP2x32T8/UNV DIM-TC	DPS	2	N	0.88	Series	YES	S	S	S	S	
265	152	KEYSTONE	KTEB-132-1-TP-FC	RS	1	N	0.85	NA	YES	S	NA	NA	NA	
266	153	Universal Lighting Technologies	B332PUNVHEH-A	PS	3	H	1.18	Parallel	NO	C	C	C	C	
267	154	Universal Lighting Technologies	B232PU104S50A	PRS	2	H	1.04	Parallel	NO	S	S	S	S	
268	155	DAMAR	EL232DIM/120/277HF	DPS	2	L	/	Series	YES	S	S	S	S	
269	157	HOWARD INDUSTRIES	EP2/32PRS/MV/MC/HE	PRS	2	N	0.86	Parallel	YES	S	S	S	S	
270	158	HOWARD INDUSTRIES	EP4/32PPRS/MV/SC/HE	PRS	4	N	/	Parallel	YES	C	C	C	F	
271	160	Philips-Advance	REZ-2S32-SC	DPS	2	N	/	Series	YES	NC	NA	NC	NA	
272	161	OSRAM SYLVANIA	QHE 1X32T8/UNV DIM-TC	DPS	1	N	0.88	NA	YES	NA	NA	NC	NC	
273	163	EIKO	PM-2x32T8-UNV-PS	PS	2	N	0.88	Parallel	YES	S	S	S	S	
274	165	Philips-Advance	IZT-3PSP32-SC	DPS	3	H	1	Parallel	NO	N	N	N	N	
275	166	Philips-Advance	REZ-132-SC	DPS	1	H	1	NA	NO	NA	NA	S	NA	
276	168	OSRAM SYLVANIA	QHE 3X32T8/UNV PSH-HT-SC	DPS	3	H	1.15	Parallel	NO	C	C	C	C	
277	169	OSRAM SYLVANIA	QHE 4X32T8/UNV DIM-TCL	DPS	4	N	0.88	Series	YES	S	S	S	S	
278	170	OSRAM SYLVANIA	QHE 3X32T8/UNV DIM-TCL	DPS	3	N	0.88	Series	YES	S	S	S	S	
279	171	OSRAM	QHE 2x32T8/347 PSN-SC	PRS	2	N	0.88	Parallel	YES	NC	NC	NC	NC	
280	172	OSRAM SYLVANIA	QHES 2x32T8/UNV PSL-SC	PRS	2	L	0.71	Parallel	YES	S	S	S	S	
281	173	EcoSystem	EC5T832GUNV3L	PRS	3	/	/	Parallel	NO	S	S	S	S	
282	174	Philips-Advance	VZT-4S32-HL	DPS	4	/	/	Parallel	NO	NA	NC	NA	NC	
283	177	Universal Lighting Technologies	B232PUS50-A	PRS	2	N	0.88	Parallel	YES	S	S	S	S	
284	178	Philips-Advance	IOP-1S32-SC	PS	1	N	0.87	NA	YES	NA	NA	NC	NC	
285	180	General Electric	GE-332-MVPS-H	PS	3	H	/	Parallel	NO	NC	NC	NC	NC	

