EarthTronics

T8 Type A Premium LED Plug & Play for Electronic Dimming, IS, RS, PS & Energency Back-up Ballast

Order Code: 10454 Model: LT815840AG4

Order Code: 10455 Model: LT815850AG4

F Flicker after >2s start-up,	P PF <0.85	HT	High temperature
N Acoustic noise >20dB	S Can't start-up		
T THD >30%	C compatible		

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF Type	BF Value	Lamp Connection	1-Lamp 108Vac	1-Lamp 120Vac	1-Lamp 132Vac	1-Lamp 277Vac	1-Lamp 305Vac	2-Lamp 108Vac	2-Lamp 120Vac	2-Lamp 132Vac	2-Lamp 277Vac	2-Lamp 305Vac	3-Lamp 108Vac	3-Lamp 120Vac	3-Lamp 132Vac	3-Lamp 277Vac	3-Lamp 305Vac	4-Lamp 108Vac	4-Lamp 120Vac	4-Lamp 132Vac	4-Lamp 277Vac	4-Lamp 305Vac
1	247	ARCATA	ACT 3P32ISUNVLE	IS	3			Parallel																				
2	256	DAMAR	EL232-120/277HF(1688B)	IS	2	N		Parallel	C	C		C	C	C	C		C	C										
3	257	DAMAR	EL232HL-120/277HF(1688D)	IS	2	H		Parallel	C	C		C	C	C	C		C	P										
4	258	DAMAR	EL332-120/277HF(3654C)	IS	3	N		Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
5	259	DAMAR	EL332HL-120/277HF(3654H)	IS	3	H		Parallel	HT	HT		HT	HT	C	C		C	C	C	C		C	C					
6	260	DAMAR	EL432-120/277HF(3093B)	IS	4	N		Parallel	C	C		P,T,HT	HT	C	C		C	T	C	C		C	C	C	C		C	
7	261	DAMAR	EL432HL-120/277HF(3093C)	IS	4	H		Parallel	HT	HT		P,T,HT	P,T,HT	HT	HT		HT	HT	C	C		C	C	C	C		C	
8	155	DAMAR	EL232DIM/120/277HF	DPS	2			Series						S	C		C	C										
9	97	EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	0.77	Parallel	C	C		C	C	C	C		C	C										
10	98	EIKO	PM-3X32T8-UNV-IS	IS	3	N	0.87	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
11	99	EIKO	PM-3X32T8-UNV-IS-H	IS	3	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C	C	C		C	C					
12	200	EIKO	PM-3X32T8-UNV-IS-L	IS	3	L	0.78	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					
13	210	EIKO	PM-4X32T8-UNV-IS	IS	4	N	0.88	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
14	211	EIKO	PM-4X32T8-UNV-IS-L	IS	4	L	0.78	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
15	231	EIKO	PM-2X32T8-UNV-IS	IS	2	N	0.87	Parallel	C	C		C	C	C	C		C	C										
16	144	EIKO	PM-3X32T8-UNV-PS	PS	3	N	0.88	Series											C	C		C	C					
17	145	EIKO	PM-3X32T8-UNV-PS-H	PS	3	H	1.18	Series											HT	HT		HT	HT					C
18	13	ESPEN	VE232MVHIPE	IS	2	N	0.89	Parallel	C	C		C	C	C	C		C	C										C
19	14	ESPEN	VE232MVHIPHE	IS	2	H	1.19	Parallel	HT	HT		HT	HT,F	C	C		C	C										C
20	46	ESPEN	VE232MVHIPLE	IS	2	L	0.77	Parallel	C	C		C	C	C	C		C	C										C
21	8	General Electric	GE-232-MV-N ·	IS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										C
22	9	General Electric	GE232MAX-N/ULTRA ·	IS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										C
23	22	General Electric	GE432MAX-H/ULTRA ·	IS	4	H	1.18	Parallel	HT	HT		HT,P	P, T,HT	HT	HT		HT,P	HT,P	C	C		C	P	C	C		C	C
24	23	General Electric	GE432MAX-L/ULTRA ·	IS	4	L	0.78	Parallel	C	C		P	P	C	C		P	P	C	C		C	P	C	C		C	C
25	28	General Electric	GE-232-MAX-H/Ultra ·	IS	2	H	1.15	Parallel	C	C		C	C	C	C		C	C										C
26	34	General Electric	GE432MAX-G-N	IS	4	N	0.88	Parallel	C	C		C	P,T	C	C		C	C	C	C		C	C	C	C		C	
27	39	General Electric	GE132MAX-G-N	IS	1	H	0.88	n.a	C	C		P	P															
28	40	General Electric	GE132MAX-H/ULTRA	IS	1	H	1.18	n.a	C	C		C	C															
29	41	General Electric	GE132MAX-L/ULTRA	IS	1	H	0.78	n.a	C	C		P	P															C
30	42	General Electric	GE132MAXP-N/ULTRA	IS	1	N	0.88	n.a	C	C		P	P															
31	49	General Electric	GE232MV-N-DIY	IS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										C
32	51	General Electric	GE232MAX-L/ULTRA	IS	2	L	0.78	Parallel	C	C		C	P	C	C		C	C										
33	52	General Electric	GE232MAX347-N	IS	2	N	0.87	Parallel				T	P,T				P,T	P,T										
34	63	General Electric	GE332MV-N	IS	3	N	0.87	Parallel	C	C		P	P	C	C		P	P	C	C		P	P					C
35	64	General Electric	GE332MAX-N/ULTRA	IS	3	N	0.88	Parallel	C	C		P	P	C	C		P	P	C	C		P	P					C
36	65	General Electric	GE332MAX-L/ULTRA	IS	3	L	0.78	Parallel	C	C		P	P	C	C		P	P	C	C		P	P					P,T
37	66	General Electric	GE332MAX-G-N	IS	3	N	0.87	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
38	67	General Electric	GE332MAXP-H/ULTRA	IS	3	H	1.18	Parallel	HT	HT		HT	HT	HT	HT		HT	HT	C	C		C	C					
39	81	General Electric	GE432-120-RES	IS	4	N	0.83	Parallel	P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T		
40	82	General Electric	GE432MV-N-42T	IS	4	N	?	Parallel	C	C		C	P,T	C	C		C	C	C	C		C	C	C	C		C	
41	83	General Electric	GE432MAX-N/ULTRA	IS	4	N	0.88	Parallel	C	C		C	P,T	C	C		C	C	C	C		C	C	C	C		C	
42	84	General Electric	GE432MAX347-N	IS	4	N	0.88	Parallel				T	P,T				C	T				C	C				C	
43	91	General Electric	GE232MAXP90-V60	IS	2	H	1.18	Parallel	HT	HT		P,T,HT	P,T,HT	C	C		C	P										
44	95	General Electric	GE332MAXP90-V60	IS	3	H	1.18	Parallel	HT	HT		P,T,HT	P,T,HT	C	C		C	P,T	C	C		C	T					
45	96	General Electric	GE432MAXP90-S60	IS	4	H	1.18	Parallel	HT	HT		HT	P,T,HT	HT	HT		HT	HT	C	C		C	C	C	C		C	
46	234	General Electric	GE432MAX-H/ULTRA ·	IS	4	H	1.18	Parallel	HT	HT		HT	P,T,HT	C	C		C	C	C	C		C	C	C	C		C	
47	249	General Electric	GE432MAX90-S60	IS	4	H	1.18	Parallel																				
48	113	General Electric	GE232-MVPS-N	PS	2	N	0.88	Parallel	C	C		C	P,F	C	C		C	P,F										
49	120	General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					
50	124	General Electric	GE432-MVPS-N	PS	4	N	0.88	Parallel	C	C		P,T	P,T	C	C		C	P	C	C		C	P	C	C		C	
162	125	General Electric	GE432MVPS-N-V03	PS	4	N	0.90	Parallel	C	C		C	C	C	C		C	C	C	C		C	C	C	C		C	
52	129	General Electric	GE-232-MV-PS-N	PS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										
53	148	General Electric	GE232MVPS-L-S30	DPS	2	N	0.96	Parallel	C	C		P,T	P,T	C	C		C	P										
54	149	General Electric	GE132MVPSN-V03	DPS	1	N	0.88	n.a	C	C		C	C															
55	150	General Electric	GE332MVPSN-V03	DPS	3	N	0.98	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
56	33	Halco	E432IS/120/R/SL	IS	4	N	0.87	Parallel	P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T		
57	53	Halco	EP232IS/MV/HE	IS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										
58	74	Halco	EP332IS/MV/HE	IS	3	N	0.87	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
59	77	Halco	EP432IS/MV/HE	IS	4	N	0.88	Parallel	C	C		P	P,F	C	C		C	C	C	C		C	C	C	C		C	
60	78	Halco	EP432IS/L/MV/HE	IS	4	L	0.78	Parallel	C	C		C	C	C	C		C	C	C	C		C	C	C	C		C	

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No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF Type	BF Value	Lamp Connection	1-Lamp 108Vac	1-Lamp 120Vac	1-Lamp 132Vac	1-Lamp 277Vac	1-Lamp 305Vac	2-Lamp 108Vac	2-Lamp 120Vac	2-Lamp 132Vac	2-Lamp 277Vac	2-Lamp 305Vac	3-Lamp 108Vac	3-Lamp 120Vac	3-Lamp 132Vac	3-Lamp 277Vac	3-Lamp 305Vac	4-Lamp 108Vac	4-Lamp 120Vac	4-Lamp 132Vac	4-Lamp 277Vac	4-Lamp 305Vac
61	236	Halco	EP232IS/L/MV/HE	IS	2	L	0.78	Parallel	C	C		C	P	C	C		C	C										
62	237	Halco	EP232IS/H/MV/HE	IS	2	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C										
63	238	Halco	EP332IS/L/MV/HE	IS	3	L	0.78	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
64	239	Halco	EP432IS/120/MC	IS	4	N	0.88	Parallel	C	C		C	C	C	C		C	C	C	C		C	C	C	C		C	
65	244	HATCH	HL232BIS/UV/HE/W	IS	2			Parallel	C	C		C	C	C	C		C	C										
66	245	HATCH	HL432BIS/UV/HE/W	IS	4			Parallel	C	C		P	P,T	C	C		P	P	C	C		P	P	C	C		P	
67	29	HOWARD INDUSTRIES	EPH4/32IS/MV/SC/HE	IS	4	H	1.16	Parallel	HT	HT		HT	P,HT	C	C		C	C	C	C		C	C	C	C		C	
68	30	HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3	N	0.87	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					C
69	31	HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	0.77	Parallel	C	C		P	P,T,F	C	C		C	F	C	C		C	C	C	C		C	
70	56	HOWARD INDUSTRIES	EPH2/321S/MV/MC/HE	IS	2	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C										
71	92	HOWARD INDUSTRIES	E2/32IS-120MC	IS	2	N	0.85	Parallel	P,T	P,T	P,T			C	C	P												
72	93	HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	IS	2	L	0.78	Parallel	C	C		P,T	P,T	C	C		C	P,T										C
73	201	HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3	L	0.78	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					C
74	207	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	0.88	Parallel	C	C		C	F	C	C		C	F	C	C		C	C	C	C		C	C
75	214	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	0.89	Parallel	C	C		C	C	C	C		C	C										
76	215	HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3	N	0.88	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					C
77	246	HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3			Parallel																				
78	157	HOWARD INDUSTRIES	EP2/32PRS/MV/MC/HE	PRS	2	N	0.86	Parallel	C	C		C	C	C	C		C	C										C
79	59	KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	N	0.87	Parallel	C	C		C	C	C	C		C	C										C
80	218	KEYSTONE	KTEB-432RIS-1-TP-SL	IS	4	N	0.80	Parallel	P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T		C
81	232	KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	N	0.87	Parallel	C	C		C	C	C	C		C	C	C	C		C	P					
82	233	KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	N	0.87	Parallel	C	C		P	P	C	C		C	C	C	C		C	C	C	C		C	
83	243	KEYSTONE	KTEB-232LBF-1-TP-PIC-EV	IS	2			Parallel	C	C	C			C	C	C												
84	250	KEYSTONE	KTEB-232-UV-IS-H-P	IS	2	H		Parallel																				F
85	251	KEYSTONE	KTEB-332-UV-IS-H-P	IS	3	H		Parallel																				
86	252	KEYSTONE	KTEB-432-UV-IS-H-P	IS	4	H		Parallel																				
87	152	KEYSTONE	KTEB-132-1-TP-FC	RS	1	N		n.a	P,T	P,T	P,T																	
88	248	LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3			Parallel																				
89	75	LumaPro	4KGH1 EB-432IS-120	IS	4	N	0.87	Parallel	C	C	P			C	C	P			C	C	P			C	C	P		
90	58	MAXLITE	SKEU322HEL/SC	IS	2	L	0.77	Parallel	C	C		C	C	C	C		C	C										
91	72	MAXLITE	SKEU324HE/SC	IS	4	N	0.88	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
92	73	MAXLITE	SKEU323L/SC	IS	3	N	0.78	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					C
93	85	MAXLITE	MLEU322HEL/SC	IS	2	L	0.83	Parallel	C	C		C	C	C	C		C	C										
94	86	MAXLITE	MLEU323H/SC	IS	3	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C	C	C		C	C					
95	219	MAXLITE	MLEU324HE/SC	IS	4	N	0.88	Parallel	C	C		P	P	C	C		C	C	C	C		C	C	C	C		C	
96	5	OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC ·	IS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										
97	6	OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC ·	IS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										
98	7	OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC ·	IS	2	L	0.78	Parallel	C	C		C	C	C	C		C	C										
99	16	OSRAM SYLVANIA	QHE 3X32T8/UNV ISH-SC	IS	3	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	T	C	C		C	C					
100	24	OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC ·	IS	4	N	0.88	Parallel	C	C		C	T	C	C		C	C	C	C		C	C	C	C		C	
101	25	OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC ·	IS	4	L	0.78	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	C
102	36	OSRAM SYLVANIA	QTP 4×32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	C	C		P,T,F	P,T,F	C	C		P,T	P,T	C	C		P,T	P,T	C	C		T	C
103	43	OSRAM SYLVANIA	QHE 1X32T8/UNV ISN-SC	IS	1	N	0.88	n.a	C	C		C	C															C
104	44	OSRAM SYLVANIA	QHE 1X32T8/UNV ISL-SC	IS	1	L	0.78	n.a	C	C		C	C															
105	45	OSRAM SYLVANIA	QTP 1X32T8/UNV ISN-SC	IS	1	N	0.88	n.a	C	C		C	C															C
106	55	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH-SC	IS	2	H	1.20	Parallel	HT	HT		P,F,HT	T,HT	C	C		C	C										C
107	68	OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3	N	0.88	Parallel	C	C		C	P,T	C	C		C	C	C	C		C	C					
108	70	OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3	L	0.78	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
109	242	OSRAM SYLVANIA	QTP2x32T8/277 ISN-D	IS	2			Parallel			C	C	C			C	C	C										
110	106	OSRAM SYLVANIA	QHE 4X32T8/UNV PSX-SC	PRS	4	L	0.71	Parallel	C	C		C	T	C	C		C	C	C	C		C	C	C	C		C	
111	107	OSRAM SYLVANIA	QHE 2X32T8/UNV PSH-HT	PRS	2	H	1.18	Parallel	C	C		C	C	C	C		C	C										
112	116	OSRAM SYLVANIA	QHE 2X32T8/UNV PSN-MC	PRS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										F
113	121	OSRAM SYLVANIA	QHE 3X32T8/UNV PSN-SC	PRS	3	N	0.88	Parallel	C	C		P	P	C	C		C	C	C	C		C	C					
114	122	OSRAM SYLVANIA	QTP 3X32T8/UNV PSX-SC	PRS	3	L	0.71	Series											C	C		C	C					C
115	123	OSRAM SYLVANIA	QTP3X32T8/UNV PSN-SC	PRS	3	N	0.88	Series											C	C		C	C					
116	126	OSRAM SYLVANIA	QHE 4X32T8/UNV PSN-SC	PRS	4	N	0.88	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	

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117	127	OSRAM SYLVANIA	QHE 2X32T8/UNV DIM-TC	PRS	2	N	0.88	Series						C	C		C	C										
118	151	OSRAM SYLVANIA	QTP2×32T8/UNV DIM-TC	DPS	2	N	0.88	?						C	C		C	C										
119	1	Philips-Advance	ICN-2P32-N	IS	2	N	0.89	Parallel	C	C		C	C	C	C		C	C										
120	2	Philips-Advance	IOPA-2P32-N	IS	2	N	0.89	Parallel	C	C		C	C	C	C		C	C										
121	3	Philips-Advance	IOP-2P32-N	IS	2	N	0.89	Parallel	C	C		C	C	C	C		C	C										
122	4	Philips-Advance	IOP-2P32-LW-N	IS	2	L	0.77	Parallel	C	C		C	C	C	C		C	C										F
123	15	Philips-Advance	IOPA-3P32-LW-N	IS	3	L	0.76	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					C
124	17	Philips-Advance	IOPA-4P32-N	IS	4	N	0.87	Parallel	C	C		C	P,T	C	C		C	C	C	C		C	C	C	C		C	C
125	18	Philips-Advance	IOPA-4P32-HL-SC	IS	4	H	1.18	Parallel	HT	HT		HT	HT	HT	HT		HT	HT	C	C		C	C	C	C		C	C
126	19	Philips-Advance	IOP-4P32-N	IS	4	N	0.87	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
127	20	Philips-Advance	IOP-4P32-LW-N	IS	4	L	0.77	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
128	21	Philips-Advance	ICN-4P32-N	IS	4	N	0.90	Parallel	HT	HT		HT	P, T,HT	C	C		C	C	C	C		C	C	C	C		C	C
129	26	Philips-Advance	IOP-1P32-N	IS	1	N	0.89	n.a	C	C		C	C															C
130	27	Philips-Advance	IOP-2P32HL-SC	IS	2	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C										
131	37	Philips-Advance	ICN-1P32-N	IS	1	H	0.91	n.a	C	C		C	P															
132	38	Philips-Advance	IOPA-1P32-N	IS	1	H	0.88	n.a	C	C		C	P															
47	47	Philips-Advance	IOPA-2P32HL-SC	IS	2	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C										
134	48	Philips-Advance	REB-2P32-SC	IS	2	N	0.88	Parallel	P,T	P,T	P,T			P,T	P,T	P,T			347V electronic ballast									C
135	61	Philips-Advance	IOPA-3P32-N	IS	3	N	0.86	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					
136	62	Philips-Advance	IOP-3P32-N	IS	3	N	0.87	Parallel	HT	HT		HT	HT	C	C		C	C	C	C		C	C					
137	79	Philips-Advance	REB-4P32-SC	IS	4	N	0.81	Parallel	P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T		
138	80	Philips-Advance	IOP-4P32-HL-SC	IS	4	H	1.18	Parallel	HT	HT		HT	HT	HT	HT		HT	HT	C	C		C	C	C	C		C	
139	230	Philips-Advance	ICN-4P32-SC	IS	4	N	0.89	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
140	235	Philips-Advance	ICN-3P32-N	IS	3	N	0.88	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					P
141	240	Philips-Advance	VEL-2P32-SC	IS	2			Parallel	C	C		C	P,T	C	C		C	C										
142	101	Philips-Advance	IOP-2PSP32-N	PS	2	N	0.94	Parallel	C	C		C	C	C	C		c	C										
143	102	Philips-Advance	IOP-3PSP32-SC	PS	3	N	0.88	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					
144	103	Philips-Advance	IOP-3PSP32-LW-SC	PS	3	L	0.69	Parallel	C	C		P	P,T	C	C		C	P	C	C		C	C					
145	104	Philips-Advance	IOP-4PSP32-SC	PS	4	N	0.89	Parallel	C	C		C	P,T	C	C		C	C	C	C		C	C	C	C		C	
146	105	Philips-Advance	IOP-4PSP32-LW-SC	PS	4	L	0.69	Parallel	C	C		C	P,T	C	C		C	C	C	C		C	C	C	C		C	
147	108	Philips-Advance	IOP-2S32-SC	PS	2	N	0.87	Series	C	C		F	F	C	C		C	C										
148	109	Philips-Advance	IZT-2S32-SC	DPS	2	N	1.00	Series	C	C		C	C	C	C		C	C										
149	117	Philips-Advance	IOP-2PSP32-LW-N	PS	2	L	0.71	Parallel	C	C		C	C	C	C		C	C										
150	118	Philips-Advance	IZT-2PSP32-SC	DPS	2	N	1.00	Parallel	C	C		C	C	C	C		C	C										
151	146	Philips-Advance	REZ-3S32-SC	DPS	3	N	0.97	Series											C	C	C							
152	94	PLUSRITE	BAF232IS/MV	IS	2	N	0.89	Parallel	C	C		C	C	C	C		C	C										
153	202	PLUSRITE	BAF332IS/MV	IS	3	?	?	?	C	C		C	P	C	C		C	C	C	C		C	C					
154	32	ProLume	EP232IS/L/MV/SL	IS	2	L	0.78	Parallel	C	C		C	C	C	C		C	C										
155	213	SOLA	E-758-U-232-MC	IS	2	N	0.88	Parallel	C	C		C	P,F	C	C		C	P,F										C
156	220	SUNPARK	120-1/32IS HPF	IS	1	N	0.88	n.a	C	C	C																	C
157	222	SUNPARK	U-2/32IS HBF	IS	2	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C										
158	223	SUNPARK	U-2/32ISE-LBF	IS	2	L	0.78	Parallel	C	C		C	C	C	C		C	C										
159	224	SUNPARK	U-3/32ISE	IS	3	N	0.88	Parallel	C	C		F	P,F	C	C		C	C	C	C		C	C					
160	225	SUNPARK	U-3/32ISE-HBF	IS	3	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C	C	C		C	C					C
161	226	SUNPARK	120-3/32IS MP,F	IS	3	N	0.88	Parallel	P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T							C
162	227	SUNPARK	U-4/32IS HP,F	IS	4	N	0.88	Parallel	C	C		C	P,F	C	C		C	P,F	C	C		C	F	C	C		C	C
163	228	SUNPARK	U-4/32IS HBF	IS	4	H	1.18	Parallel	HT	HT		HT	HT	C	C		C	C	C	C		C	C	C	C		C	
164	229	SUNPARK	U-4/32ISE-LBF	IS	4	L	0.88	Parallel	C	C		C	C	C	C		C	C	C	C		C	C	C	C		C	
165	133	SUNPARK	U-1/32PSE	PS	1	N	0.88	n.a	F	F		F	F															
166	134	SUNPARK	U-2/32PSE	RS	2	N	0.88	?						F	F		F	F										C
167	135	SUNPARK	U-2/32PSE-HBF	RS	2	H	1.15	?	HT	HT		HT	HT	HT	HT		HT	HT										
168	136	SUNPARK	U-232PS3	RS	2	N	0.88	?	C	C		C	P	C	C		C	C										
169	137	SUNPARK	U-232PS3-HBF	RS	2	H	1.15	?	C	C		C	P	C	C		C	C										
170	140	SUNPARK	SL15T	RS	2	N	0.88	Parallel	P,T	P,T	P,T			P,T	P,T	P,T												
171	141	SUNPARK	LC 12011T	PS	1	?	?	n.a	P,T	P,T	P,T																	
172	142	SUNPARK	LC 12013T	PS	1	?	?	n.a	P,T	P,T	P,T																	

EarthTronics

T8 Type A Premium LED Plug & Play for Electronic Dimming, IS, RS, PS & Energy Back-up Ballast

F Flicker after >2s start-up,	P PF <0.85	HT	High temperature
N Acoustic noise >20dB	S Can't start-up		
T THD >30%	C compatible		

Order Code: 10454 Model: LT815840AG4

Order Code: 10455 Model: LT815850AG4

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF Type	BF Value	Lamp Connection	1-Lamp 108Vac	1-Lamp 120Vac	1-Lamp 132Vac	1-Lamp 277Vac	1-Lamp 305Vac	2-Lamp 108Vac	2-Lamp 120Vac	2-Lamp 132Vac	2-Lamp 277Vac	2-Lamp 305Vac	3-Lamp 108Vac	3-Lamp 120Vac	3-Lamp 132Vac	3-Lamp 277Vac	3-Lamp 305Vac	4-Lamp 108Vac	4-Lamp 120Vac	4-Lamp 132Vac	4-Lamp 277Vac	4-Lamp 305Vac
173	221	Superior Life	70201	IS	2	N	0.88	Parallel	C	C		F	P,F	C	C		C	C										
174	138	Superior Life	70210	PS	2	N	0.88	Parallel	C	C		C	P	C	C		C	C										
175	139	Superior Life	70211	PS	4	N	0.87	Parallel	C	C		C	C	C	C		C	C	C	C		C	C	C	C		C	
176	87	TCP	E2P32ISUNVHE	IS	2	H	1.18	Parallel	C	C		C	F	C	C		C	P										
177	88	TCP	E4P32ISUNVLE	IS	4	L	0.78	Parallel	C	C		C	P,F	C	C		F	C	C	C		F	P,F	C	C		F	C
178	203	TCP	E3P32ISUNVE	IS	3	N	0.88	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					C
179	204	TCP	E3P32ISUNVLE	IS	3	L	0.78	Parallel	C	C		C	C	C	C		C	F	C	C		C	C					C
180	205	TCP	E4P32ISUNVE	IS	4	N	0.88	Parallel	C	C		C	P,F	C	C		C	C	C	C		C	C	C	C		C	
181	206	TCP	E4P32ISUNVHE	IS	4	H	1.18	Parallel	HT	HT		HT	HT	HT	HT		HT	HT	C	C		C	C	C	C		C	
182	253	TOPAZ	B232IUNVHEH/A-TPZ	IS	2			Parallel																				
183	254	TOPAZ	B432IUNVHEH/A-TPZ	IS	4			Parallel																				
184	10	Universal Lighting Technologies	B232IUNVHP-N	IS	2	N	0.88	Parallel	C	C		C	C	C	C		C	C										
185	11	Universal Lighting Technologies	B232IUNVEL-A	IS	2	L	0.77	Parallel	C	C		C	C	C	C		C	C										
186	12	Universal Lighting Technologies	B233IUNVHE-A	IS	2	N	0.87	Parallel	C	C		C	C	C	C		C	C										
187	35	Universal Lighting Technologies	B432IUNVHE L-A	IS	4	L	0.77	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
188	54	Universal Lighting Technologies	B232IUNVHEH-A	IS	2	H	1.18	Parallel	C	C		C	C	C	C		C	C										
189	71	Universal Lighting Technologies	B332IUNVHP-A	IS	3	N	0.88	Parallel	C	C		P	P	C	C		C	P	C	C		C	C					C
190	76	Universal Lighting Technologies	B432IUNVHP-A	IS	4	N	0.88	Parallel	C	C		P	P	C	C		C	C	C	C		C	C	C	C		C	
191	89	Universal Lighting Technologies	B232I120RES-A	IS	2	N	0.88	Parallel	P,T	P,T	P,T			P,T	P,T	P,T												
192	90	Universal Lighting Technologies	B432I120RES-A	IS	4	N	0.80	Parallel	P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T			P,T	P,T	P,T		
193	212	Universal Lighting Technologies	B132IUNVHP-N	IS	1	N	0.88	n.a	C	C		C	C															
194	241	Universal Lighting Technologies	B232IUNVHP-B	IS	2			Parallel	C	C		C	C	C	C		C	C										
195	255	Universal Lighting Technologies	B232IUNV-C	IS	2			Parallel																				
196	112	Universal Lighting Technologies	B432PUNVHE-A	PS	4	N	0.87	Parallel	C	C		C	P	C	C		C	C	C	C		C	C	C	C		C	
197	115	Universal Lighting Technologies	B232PUNVHE-B	PS	2	N	0.88	Parallel	C	C		P,T	P,T	C	C		C	C										
198	119	Universal Lighting Technologies	B332PUNVHE-A	PS	3	N	0.88	Parallel	C	C		C	P	C	C		C	C	C	C		C	C					
199	153	Universal Lighting Technologies	B332PUNVHEH-A	PS	3			Parallel	HT	HT		HT	HT	C	C		C	C	C	C		C	C					
200	154	Universal Lighting Technologies	B232PU104S50A	PRS	2			Parallel	C	C		P	P	C	C		C	C										
201	128	Watran	DBG32N-MV-TP-PS-HL	PS	3	?	?	?											C	C		C	C					
202	208	WORK HORSE	WHCG4-120-T8-IS	IS	4	N	0.86	Parallel	C	C	C			C	C	C			C	C	C			C	C	C		
203	216	WORK HORSE	WHSG3-UNV-T8-IS	IS	3	N	0.99	Parallel	C	C		C	C	C	C		C	C	C	C		C	C					
204	217	WORK HORSE	WHSG4-UNV-T8-IS	IS	4	N	0.96	Parallel	C	C		C	F	C	C		C	F	C	C		C	F	C	C		C	

Emergency Ballast

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	1-Lamp
6	407	BODINE	B100	DC	1	C
4	405	CONTRACTOR SELECT	EI500	DC	1	C
1	402	EXITRONIX	XEB-7-B-LM	AC	1	C
7	408	HOWARD	BAL500	DC	1	C
2	403	KEYSTONE	KT-EMRG-500	DC	1	C
10	415	KEYSTONE	KT-EMRG-800-T5	AC	1	C
11	416	KEYSTONE	KT-EMRG-1300-T5	AC	1	C
12	417	KEYSTONE	KT-EMRG-1400	DC	2	C
13	418	KEYSTONE	KT-EMRG-500	DC	1	P
3	404	MORRIS	PAC0314	DC	1	C
5	406	POWER SENTRY	PSQ500QD MVOLT	DC	1	C
8	409	SYLVANIA	QTEB2L650-LP-120/277	DC	1	C
9	414	WestGate	BAL500	AC	1	C

Dimming Ballast

P PF <0.85	HT	High temperature	
T THD >30%	C	compatible	UC Un-Compatible

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF Type	BF Value	Lamp Connection	调光深度 1Lamp	2Lamp	3Lamp	4Lamp	
1	109	Philips-Advance	IZT-2S32-SC	DPS	2	N	1.00	Series	/	4%~22%	/	/	UC

EarthTronics

T8 Type A Premium LED Plug & Play for Electronic Dimming, IS, RS, PS & Energency Back-up Ballast

F Flicker after >2s start-up,	P PF <0.85	HT High temperature
N Acoustic noise >20dB	S Can't start-up	
T THD >30%	C compatible	

Order Code: 10454 Model: LT815840AG4

Order Code: 10455 Model: LT815850AG4

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	1-Lamp					2-Lamp					3-Lamp					4-Lamp				
						Type	Value		108Vac	120Vac	132Vac	277Vac	305Vac	108Vac	120Vac	132Vac	277Vac	305Vac	108Vac	120Vac	132Vac	277Vac	305Vac	108Vac	120Vac	132Vac	277Vac	305Vac
3	118	Philips-Advance	IZT-2PSP32-SC	DPS	2	N	1.00	Parallel	23.7%		6.0%		/	/			C											
4	125	General Electric	GE432MVPS-N-V03	DPS	4	N	0.90	Parallel	26.2%		17.4%		12.5%	10.0%			C											
5	127	OSRAM SYLVANIA	QHE 2X32T8/UNV DIM-TC	PRS	2	N	0.88	Series	/		4.0%		/	/			C											
6	136	SUNPARK	U-232PS3	RS	2	N	0.88	?	33.5%		33.3%		/	/			C											
7	137	SUNPARK	U-232PS3-HBF	RS	2	H	1.15	?	31.9%		30.3%		/	/			C											
9	148	General Electric	GE232MVPS-L-S30	DPS	2	N	0.96	Parallel	23.8%		13.9%		/	/			C											
10	149	General Electric	GE132MVPSN-V03	DPS	1	N	0.88	n.a	13.0%		/		/	/			C											
11	150	General Electric	GE332MVPSN-V03	DPS	3	N	0.98	Parallel	22.4%		16.2%		18.3%	/			C											
12	151	OSRAM SYLVANIA	QTP2×32T8/UNV DIM-TC	DPS	2	N	0.88	?	/		3.3%		/	/			C											
13	154	Universal Lighting Technologies	B232PU104S50A	PRS	2			Parallel	25.8%		25.8%		/	/			C											

SOP of electronic ballast compatibility test

1 Test condition

a. Vin: typical input volatge, and +/-10%, 60Hz
b. Load: 1 ~ N TLED lamps
c. Test instrument
Power analyzer: WT1800 (Yokogawa)
Ocsiloscope: Waverunner 604Zi (Lecroy)
AC source: 60501 (Croma)

2 Un-compatible phenomena

F flicker after >2s start-up,
N Acoustic noise >20dB
T THD >30%
P PF <0.85
S Can't start-up