



T8 Type A Multi-Function LED Plug & Play for Electronic IS, RS, PS & Emergency Back-up Ballast

NC	Incompatible	P	PF <0.9
N	Acoustic noise >20dB	T	THD >25%
S	Can't start-up	C	Compatible
F	Flicker after >2s start-up	/	Not tested
HT	High temperature	NA	Not applicable

Order Code: 10425 Model: LT815840AG5

Order Code: 10426 Model: LT815850AG5

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
1	273	ACT	ACT 2P32ISUNVE	IS	2	N	0.89	Parallel	C	C	C	C
3	274	ANTRON ELECTRONICS	A32T8MICLO	IS	2	L	0.78	Parallel	C	C	C	C
4	247	ARCATA	ACT 3P32ISUNVLE	IS	3	L	0.78	Parallel	C	C	C	C
5	256	DAMAR	EL232-120/277HF(1688B)	IS	2	N	?	Parallel	C	C	C	C
6	257	DAMAR	EL232HL-120/277HF(1688D)	IS	2	H	?	Parallel	C	C	C	C
7	258	DAMAR	EL332-120/277HF(3654C)	IS	3	N	?	Parallel	C	C	C	C
8	259	DAMAR	EL332HL-120/277HF(3654H)	IS	3	H	?	Parallel	C	C	C	C
9	260	DAMAR	EL432-120/277HF(3093B)	IS	4	N	?	Parallel	C	C	C	C
10	261	DAMAR	EL432HL-120/277HF(3093C)	IS	4	H	?	Parallel	C	C	C	C
11	155	DAMAR	EL232DIM/120/277HF	DPS	2	?	?	Series	S	S	S	S
12	97	EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	0.77	Parallel	C	C	C	C
13	98	EIKO	PM-3X32T8-UNV-IS	IS	3	N	0.87	Parallel	C	C	C	C
14	99	EIKO	PM-3X32T8-UNV-IS-H	IS	3	H	1.18	Parallel	C	C	C	C
15	200	EIKO	PM-3X32T8-UNV-IS-L	IS	3	L	0.78	Parallel	C	C	C	C
16	210	EIKO	PM-4X32T8-UNV-IS	IS	4	N	0.88	Parallel	C	C	C	C
17	211	EIKO	PM-4X32T8-UNV-IS-L	IS	4	L	0.78	Parallel	C	C	C	C
18	231	EIKO	PM-2X32T8-UNV-IS	IS	2	N	0.87	Parallel	C	C	C	C
19	277	EIKO	PM-2x32T8-UNV-IS-H	IS	2	H	1.18	Parallel	C	C	C	C
20	144	EIKO	PM-3X32T8-UNV-PS	PS	3	N	0.88	Series	S	S	S	S
21	145	EIKO	PM-3X32T8-UNV-PS-H	PS	3	H	1.18	Series	S	S	S	S
23	163	EIKO	PM-2x32T8-UNV-PS	PS	2	N	0.88	Parallel	S	S	S	S
24	13	ESPEN	VE232MVHIPE	IS	2	N	0.89	Parallel	C	C	C	C
25	14	ESPEN	VE232MVHIPHE	IS	2	H	1.19	Parallel	C	C	C	C
28	46	ESPEN	VE232MVHIPLE	IS	2	L	0.77	Parallel	C	C	C	C
206	110	ESPEN	VE232MVHRPHT3-AB	DPS	2	H	1.20	Series	S	S	S	S
30	8	General Electric	GE-232-MV-N	IS	2	N	0.88	Parallel	C	C	C	C
31	9	General Electric	GE232MAX-N/ULTRA	IS	2	N	0.88	Parallel	C	C	C	C



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Order Code: 10425 Model: LT815840AG5

Order Code: 10426 Model: LT815850AG5

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
32	23	General Electric	GE432MAX-L/ULTRA	IS	4	L	0.78	Parallel	C	C	C	C
33	28	General Electric	GE-232-MAX-H/Ultra	IS	2	H	1.15	Parallel	C	T	C	C
34	34	General Electric	GE432MAX-G-N	IS	4	N	0.88	Parallel	C	C	C	C
35	39	General Electric	GE132MAX-G-N	IS	1	H	0.88	n.a	NA	NA	NC	NC
36	40	General Electric	GE132MAX-H/ULTRA	IS	1	H	1.18	n.a	NA	NA	C	C
37	41	General Electric	GE132MAX-L/ULTRA	IS	1	H	0.78	n.a	NA	NA	NC	NC
39	42	General Electric	GE132MAXP-N/ULTRA	IS	1	N	0.88	n.a	NA	NA	C	C
49	49	General Electric	GE232MV-N-DIY	IS	2	N	0.88	Parallel	C	C	C	C
51	51	General Electric	GE232MAX-L/ULTRA	IS	2	L	0.78	Parallel	C	C	C	C
42	52	General Electric	GE232MAX347-N	IS	2	N	1.02	Parallel	NA	T,(347V)	NA	C,(347V)
43	63	General Electric	GE332MV-N	IS	3	H	0.87	Parallel	C	C	C	C
44	64	General Electric	GE332MAX-N/ULTRA	IS	3	H	0.88	Parallel	C	C	C	C
46	65	General Electric	GE332MAX-L/ULTRA	IS	3	H	0.78	Parallel	C	C	C	C
47	66	General Electric	GE332MAX-G-N	IS	3	H	0.87	Parallel	C	C	C	C
48	67	General Electric	GE332MAXP-H/ULTRA	IS	3	H	1.18	Parallel	C	C	C	C
50	81	General Electric	GE432-120-RES	IS	4	N	0.83	Parallel	C	NA	C	NA
51	82	General Electric	GE432MV-N-42T	IS	4	H	0.93	Parallel	C	C	C	C
52	83	General Electric	GE432MAX-N/ULTRA	IS	4	H	0.88	Parallel	C	C	C	C
54	84	General Electric	GE432MAX347-N	IS	4	N	0.94	Parallel	NA	C,(347V)	NA	C,(347V)
55	91	General Electric	GE232MAXP90-V60	IS	2	H	1.18	Parallel	C	P,T	C	C
92	95	General Electric	GE332MAXP90-V60	IS	3	H	1.18	Parallel	C	P	C	C
93	96	General Electric	GE432MAXP90-S60	IS	4	H	1.18	Parallel	C	C	C	C
60	234	General Electric	GE432MAX-H/ULTRA	IS	4	H	1.18	Parallel	C	C	C	C
61	249	General Electric	GE432MAX90-S60	IS	4	H	1.18	Parallel	C	C	C	C
62	289	General Electric	GE232MAX-G-L	IS	2			Parallel	C	C	C	C
63	292	General Electric	GE332MAXP-L/ULTRA	IS	3	?	?	Parallel	C	C	C	C
64	294	General Electric	GE432MAX347-H	IS	2	?	?	Parallel	NA	C,(347V)	NA	C,(347V)



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No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
65	113	General Electric	GE232-MVPS-N	PS	2	N	0.88	Parallel	NC	NC	NC	NC
66	120	General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	C	C	C	C
67	124	General Electric	GE432-MVPS-N	PS	4	N	0.88	Parallel	NC	NC	NC	NC
162	125	General Electric	GE432MVPS-N-V03	PS	4	N	0.90	Parallel	NC	NC	NC	NC
69	129	General Electric	GE-232-MV-PS-N	PS	2	N	0.88	Parallel	C	C	C	C
70	148	General Electric	GE232MVPS-L-S30	DPS	2	N	0.96	Parallel	NC	NC	NC	NC
71	149	General Electric	GE132MVPSN-V03	DPS	1	N	0.88	n.a	NA	NA	NC	NC
72	150	General Electric	GE332MVPSN-V03	DPS	3	N	0.98	Parallel	NC	NC	NC	NC
73	53	Halco	EP232IS/MV/HE	IS	2	N	0.88	Parallel	C	C	C	C
74	74	Halco	EP332IS/MV/HE	IS	3	H	0.87	Parallel	C	C	C	C
75	77	Halco	EP432IS/MV/HE	IS	4	H	0.88	Parallel	C	C	C	C
76	78	Halco	EP432IS/L/MV/HE	IS	4	H	0.78	Parallel	C	C	C	C
77	236	Halco	EP232IS/L/MV/HE	IS	2	L	0.78	Parallel	C	C	C	C
78	237	Halco	EP232IS/H/MV/HE	IS	2	H	1.18	Parallel	C	C	C	C
79	238	Halco	EP332IS/L/MV/HE	IS	3	L	0.78	Parallel	C	C	C	C
80	244	HATCH	HL232BIS/UV/HE/W	IS	2	N	0.9	Parallel	C	C	C	C
81	245	HATCH	HL432BIS/UV/HE/W	IS	4	N	0.9	Parallel	C	C	C	C
82	29	HOWARD INDUSTRIES	EPH4/32IS/MV/SC/HE	IS	4	H	1.16	Parallel	NC	NC	NC	NC
83	30	HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3	N	0.87	Parallel	C	C	C	C
84	31	HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	0.77	Parallel	C	C	C	C
85	56	HOWARD INDUSTRIES	EPH2/321S/MV/MC/HE	IS	2	H	1.18	Parallel	C	C	C	C
86	92	HOWARD INDUSTRIES	E2/32IS-120MC	IS	2	N	0.85	Parallel	P,T	NA	C	NA
87	93	HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	IS	2	L	0.78	Parallel	C	P,T	C	C
88	201	HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3	L	0.78	Parallel	C	C	C	C
89	207	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	0.88	Parallel	C	C	C	C



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Order Code: 10425 Model: LT815840AG5

Order Code: 10426 Model: LT815850AG5

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
90	214	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	0.89	Parallel	C	C	C	C
91	215	HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3	N	0.88	Parallel	C	C	C	C
92	246	HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3	N	0.91	Parallel	C	C	C	C
93	157	HOWARD INDUSTRIES	EP2/32PRS/MV/MC/HE	PRS	2	N	0.86	Parallel	S	S	S	S
94	158	HOWARD INDUSTRIES	EP4/32PPRS/MV/SC/HE	PRS	4	N	?	Parallel	C	C	C	C
95	59	KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	H	0.87	Parallel	C	C	C	C
96	218	KEYSTONE	KTEB-432RIS-1-TP-SL	IS	4	N	0.80	Parallel	C	NA	C	NA
97	232	KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	N	0.87	Parallel	C	C	C	C
98	233	KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	N	0.87	Parallel	C	C	C	C
99	243	KEYSTONE	KTEB-232LBF-1-TP-PIC-EV	IS	2	N	0.88	Parallel	C	NA	C	NA
100	250	KEYSTONE	KTEB-232-UV-IS-H-P	IS	2	H	1.18	Parallel	C	C	C	C
101	251	KEYSTONE	KTEB-332-UV-IS-H-P	IS	3	H	1.18	Parallel	C	C	C	C
102	252	KEYSTONE	KTEB-432-UV-IS-H-P	IS	4	H	1.18	Parallel	C	C	C	C
104	152	KEYSTONE	KTEB-132-1-TP-FC	RS	1	N		NA	NA	NA	C	NA
105	248	LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	0.78	Parallel	C	C	C	C
106	58	MAXLITE	SKEU322HEL/SC	IS	2	H	0.77	Parallel	C	C	C	C
107	72	MAXLITE	SKEU324HE/SC	IS	4	H	0.88	Parallel	C	C	C	C
108	73	MAXLITE	SKEU323L/SC	IS	3	H	0.78	Parallel	C	C	C	C
109	85	MAXLITE	MLEU322HEL/SC	IS	2	L	0.83	Parallel	N,F	N,F	N,F	N,F
110	86	MAXLITE	MLEU323H/SC	IS	3	H	1.18	Parallel	C	C	C	C
111	219	MAXLITE	MLEU324HE/SC	IS	4	N	0.88	Parallel	C	C	C	C
112	171	OSRAM	QHE 2x32T8/347 PSN-SC	PRS	2	?	?	Parallel	NC	NC	NC	NC
113	5	OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC ·	IS	2	N	0.88	Parallel	C	C	C	C
114	6	OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC ·	IS	2	N	0.88	Parallel	C	C	C	C
115	7	OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC ·	IS	2	L	0.78	Parallel	C	C	C	C



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No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
116	16	OSRAM SYLVANIA	QHE 3X32T8/UNV ISH-SC	IS	3	H	1.18	Parallel	N	P	N	P
117	24	OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	C	C	C	C
118	25	OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC	IS	4	L	0.78	Parallel	C	C	C	C
119	36	OSRAM SYLVANIA	QTP 4x32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	C	T	C	C
120	43	OSRAM SYLVANIA	QHE 1X32T8/UNV ISN-SC	IS	1	N	0.88	n.a	NA	NA	C	C
121	44	OSRAM SYLVANIA	QHE 1X32T8/UNV ISL-SC	IS	1	L	0.78	n.a	NA	NA	C	C
122	55	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH-SC	IS	2	H	1.20	Parallel	F,P,T,N	F,P,T	P,N	F,P,T,N
123	68	OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3	H	0.88	Parallel	C	C	C	C
69	69	OSRAM SYLVANIA	QHE 3X32T8/UNV ISN-SC	IS	4	N	0.88	Parallel	C	C	C	C
126	70	OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3	L	0.78	Parallel	C	C	C	C
127	242	OSRAM SYLVANIA	QTP2x32T8/277 ISN-D	IS	2	N	0.78	Parallel	NA	C	NA	C
128	267	OSRAM SYLVANIA	QT2X32/120 IS-SC	IS	2	/	/	Parallel	P,T	NA	C	NA
129	279	OSRAM SYLVANIA	QHE 3x32T8/UNV ISH HT-SC	IS	3	H	1.18	Parallel	C	C	C	C
130	281	OSRAM SYLVANIA	QHE 4x32T8/UNV ISH HT-1	IS	4	H	1.18	Parallel	C	C	C	C
131	285	OSRAM SYLVANIA	QTP 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	C	C	C	C
132	290	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT-SC	IS	2	H		Parallel	C	C	C	C
133	291	OSRAM SYLVANIA	QHE 4x32T8/UNV ISH-SC	IS	4	H		Parallel	C	C	C	C
135	296	OSRAM SYLVANIA	QT 2x32/347 ISH-SC	IS	2			Parallel	C	NA	C	NA
136	297	OSRAM SYLVANIA	QHE 1X32T8/UNV ISH-SC	IS	1			NA	NA	NA	C	P,T
137	106	OSRAM SYLVANIA	QHE 4X32T8/UNV PSX-SC	PRS	4	L	0.71	Parallel	S	S	S	S
138	107	OSRAM SYLVANIA	QHE 2X32T8/UNV PSH-HT	PRS	2	H	1.18	Parallel	C	C	C	C
139	116	OSRAM SYLVANIA	QHE 2X32T8/UNV PSN-MC	PRS	2	N	0.88	Parallel	C	C	C	C
140	121	OSRAM SYLVANIA	QHE 3X32T8/UNV PSN-SC	PRS	3	N	0.88	Parallel	C	C	C	C
141	122	OSRAM SYLVANIA	QTP 3X32T8/UNV PSX-SC	PRS	3	L	0.71	Series	S	S	S	S
142	123	OSRAM SYLVANIA	QTP3X32T8/UNV PSN-SC	PRS	3	N	0.88	Series	S	S	S	S



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						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
143	126	OSRAM SYLVANIA	QHE 4X32T8/UNV PSN-SC	PRS	4	N	0.88	Parallel	C	C	C	C
144	127	OSRAM SYLVANIA	QHE 2X32T8/UNV DIM-TC	PRS	2	N	0.88	Series	NC	NC	NC	NC
145	151	OSRAM SYLVANIA	QTP2x32T8/UNV DIM-TC	DPS	2	N	0.88	?	S	S	S	S
146	161	OSRAM SYLVANIA	QHE 1X32T8/UNV DIM-TC	DPS	1	?	?	na	NA	NA	S	S
147	168	OSRAM SYLVANIA	QHE 3X32T8/UNV PSH-HT-SC	DPS	3	?	?	Parallel	C	C	C	C
148	172	OSRAM SYLVANIA	QHEs 2x32T8/UNV PSL-SC	PRS	2	?	?	Parallel	NC	NC	NC	NC
149	295	Pacific Fluorescent	EB-232IS-120-RES	IS	2			Parallel	C	NA	C	NA
150	1	Philips-Advance	ICN-2P32-N	IS	2	N	0.89	Parallel	C	C	C	C
151	3	Philips-Advance	IOP-2P32-N	IS	2	N	0.89	Parallel	C	C	C	C
152	4	Philips-Advance	IOP-2P32-LW-N	IS	2	L	0.77	Parallel	C	C	C	C
153	15	Philips-Advance	IOPA-3P32-LW-N	IS	3	L	0.76	Parallel	N	N	N	N
154	17	Philips-Advance	IOPA-4P32-N	IS	4	N	0.87	Parallel	C	C	C	C
155	18	Philips-Advance	IOPA-4P32-HL-SC	IS	4	H	1.18	Parallel	C	C	C	C
156	19	Philips-Advance	IOP-4P32-N	IS	4	N	0.87	Parallel	C	C	C	C
157	20	Philips-Advance	IOP-4P32-LW-N	IS	4	L	0.77	Parallel	C	C	C	C
158	21	Philips-Advance	ICN-4P32-N	IS	4	N	0.90	Parallel	C	C	C	C
159	37	Philips-Advance	ICN-1P32-N	IS	1	H	0.91	n.a	NA	NA	NC	NC
48	48	Philips-Advance	REB-2P32-SC	IS	2	N	0.88	Parallel	F	NA	C	NA
161	61	Philips-Advance	IOPA-3P32-N	IS	3	H	0.86	Parallel	C	C	C	C
162	62	Philips-Advance	IOP-3P32-N	IS	3	H	0.87	Parallel	C	C	C	C
163	79	Philips-Advance	REB-4P32-SC	IS	4	N	0.81	Parallel	C	NA	C	NA
164	80	Philips-Advance	IOP-4P32-HL-SC	IS	4	H	1.18	Parallel	NC	NC	NC	NC
165	235	Philips-Advance	ICN-3P32-N	IS	3	N	0.88	Parallel	C	C	C	C
166	240	Philips-Advance	VEL-2P32-SC	IS	2	N	0.88	Parallel	C	C	C	C
167	262	Philips-Advance	IOPA-2P32-HL-N	IS	2	H	1.18	Parallel	C	C	C	C



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						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
168	280	Philips-Advance	VEL-2P32-RH-TP	IS	2			Parallel	NA	P,T	NA	C
169	282	Philips-Advance	IOP-3P32HL-90C-SC	IS	3			Parallel	NC	NC	NC	NC
172	284	Philips-Advance	IOP-4P32-SC	IS	4			Parallel	C	C	S	S
174	286	Philips-Advance	IOPA-4P32-SC	IS	4			Parallel	C	C	C	C
175	298	Philips-Advance	ICN-132-MC	IS	1	?	?	NA	NA	NA	C	C
176	299	Philips-Advance	ICN-2P16-TLED-N	IS	2			Parallel	C	C	C	C
177	1001	Philips-Advance	ICN-4P16-TLED-N	IS	4			Parallel	C	C	C	C
178	101	Philips-Advance	IOP-2PSP32-N	PS	2	N	0.94	Parallel	N	N	C	C
179	102	Philips-Advance	IOP-3PSP32-SC	PS	3	N	0.88	Parallel	C	C	C	C
180	103	Philips-Advance	IOP-3PSP32-LW-SC	PS	3	L	0.69	Parallel	C	C	C	C
181	105	Philips-Advance	IOP-4PSP32-LW-SC	PS	4	L	0.69	Parallel	C	C	C	C
182	108	Philips-Advance	IOP-2S32-SC	PS	2	N	0.87	Series	S	S	S	S
183	109	Philips-Advance	IZT-2S32-SC	DPS	2	N	1.00	Series	NC	NC	NC	NC
184	117	Philips-Advance	IOP-2PSP32-LW-N	PS	2	L	0.71	Parallel	C	C	C	C
185	118	Philips-Advance	IZT-2PSP32-SC	DPS	2	N	1.00	Parallel	NC	NC	NC	NC
186	146	Philips-Advance	REZ-3S32-SC	DPS	3	N	0.97	Series	NC	NA	NC	NA
188	160	Philips-Advance	REZ-2S32-SC	DPS	2	N	?	Series	NC	NA	NC	NA
189	165	Philips-Advance	IZT-3PSP32-SC	DPS	3	H	1	Parallel	S	S	S	S
190	166	Philips-Advance	REZ-132-SC	DPS	1	?	?	n.a	NA	NA	NC	NA
191	94	PLUSRITE	BAF232IS/MV	IS	2	N	0.89	Parallel	C	C	C	C
192	202	PLUSRITE	BAF332IS/MV	IS	3	?	?	?	C	C	C	C
193	263	Plusrite	BAF232IS/MV/L	IS	2	L	0.78	Parallel	C	C	C	C
194	264	Plusrite	BAF332IS/MV/L	IS	3	L	0.78	Parallel	C	C	C	C
195	265	Plusrite	BAF432IS/MV	IS	4	N	0.88	Parallel	C	C	C	C
196	266	Plusrite	BAF432IS/MV/L	IS	4	L	0.78	Parallel	C	C	C	C



T8 Type A Multi-Function LED Plug & Play for Electronic IS, RS, PS & Emergency Back-up Ballast

NC	Incompatible	P	PF <0.9
N	Acoustic noise >20dB	T	THD >25%
S	Can't start-up	C	Compatible
F	Flicker after >2s start-up	/	Not tested
HT	High temperature	NA	Not applicable

Order Code: 10425 Model: LT815840AG5

Order Code: 10426 Model: LT815850AG5

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
197	32	ProLume	EP232IS/L/MV/SL	IS	2	L	0.78	Parallel	C	C	C	C
33	33	Prolume	E432IS/120/R/SL	IS	4	N	0.87	Parallel	C	NA	C	NA
199	213	SOLA	E-758-U-232-MC	IS	2	N	0.88	Parallel	C	C	C	F
201	220	SUNPARK	120-1/32IS HPF	IS	1	N	0.88	NA	NA	NA	C	NA
202	222	SUNPARK	U-2/32IS HBF	IS	2	H	1.18	Parallel	C	C	C	C
203	223	SUNPARK	U-2/32ISE-LBF	IS	2	L	0.78	Parallel	C	C	C	C
204	224	SUNPARK	U-3/32ISE	IS	3	N	0.88	Parallel	C	C	C	C
205	225	SUNPARK	U-3/32ISE-HBF	IS	3	H	1.18	Parallel	C	C	C	C
207	226	SUNPARK	120-3/32IS MPF	IS	3	H	0.88	Parallel	C	NA	C	NA
208	227	SUNPARK	U-4/32IS HP,F	IS	4	N	0.88	Parallel	C	C	C	C
209	228	SUNPARK	U-4/32IS HBF	IS	4	H	1.18	Parallel	C	C	C	C
210	229	SUNPARK	U-4/32ISE-LBF	IS	4	L	0.88	Parallel	C	C	C	C
211	133	SUNPARK	U-1/32PSE	PS	1	N	0.88	n.a	NA	NA	S	S
212	134	SUNPARK	U-2/32PSE	RS	2	N	0.88	?	S	S	S	S
214	135	SUNPARK	U-2/32PSE-HBF	RS	2	H	1.15	?	S	S	S	S
215	136	SUNPARK	U-232PS3	RS	2	N	0.88	?	S	S	S	S
216	137	SUNPARK	U-232PS3-HBF	RS	2	H	1.15	?	S	S	S	S
217	140	SUNPARK	SL15T	PS	2	N	0.88	Series	P,T	NA	P,T	NA
218	141	SUNPARK	LC 12011T	PS	1	?	?	NA	NA	NA	C	NA
219	142	SUNPARK	LC 12013T	PS	1	?	?	NA	NA	NA	NC	NA
220	221	Superior Life	70201	IS	2	N	0.88	Parallel	C	F	C	C
221	138	Superior Life	70210	PS	2	N	0.88	Parallel	NC	NC	NC	NC
222	139	Superior Life	70211	PS	4	N	0.87	Parallel	NC	NC	NC	NC
223	87	TCP	E2P32ISUNVHE	IS	2	H	1.18	Parallel	C	F	C	C
224	88	TCP	E4P32ISUNVLE	IS	4	L	0.78	Parallel	C	F	C	C



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

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N	Acoustic noise >20dB	T	THD >25%
S	Can't start-up	C	Compatible
F	Flicker after >2s start-up	/	Not tested
HT	High temperature	NA	Not applicable

Order Code: 10425 Model: LT815840AG5

Order Code: 10426 Model: LT815850AG5

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
225	203	TCP	E3P32ISUNVE	IS	3	N	0.88	Parallel	C	C	C	C
226	204	TCP	E3P32ISUNVLE	IS	3	L	0.78	Parallel	C	C	C	C
227	205	TCP	E4P32ISUNVE	IS	4	N	0.88	Parallel	C	C	C	C
228	283	TCP	TCP3P32ISUNVH	IS	3			Parallel	C	C	C	C
229	253	TOPAZ	B232IUNVHEH/A-TPZ	IS	2	H	1.18	Parallel	C	C	C	C
230	254	TOPAZ	B432IUNVHEH/A-TPZ	IS	4	H	1.18	Parallel	C	C	C	C
231	10	Universal Lighting Technologies	B232IUNVHP-N	IS	2	N	0.88	Parallel	C	C	C	C
232	11	Universal Lighting Technologies	B232IUNVEL-A	IS	2	L	0.77	Parallel	C	C	C	C
233	12	Universal Lighting Technologies	B233IUNVHE-A	IS	2	N	0.87	Parallel	C	C	C	C
234	35	Universal Lighting Technologies	B432IUNVHE L-A	IS	4	L	0.77	Parallel	C	C	C	C
235	71	Universal Lighting Technologies	B332IUNVHP-A	IS	3	H	0.88	Parallel	C	C	C	C
236	76	Universal Lighting Technologies	B432IUNVHP-A	IS	4	H	0.88	Parallel	C	C	C	C
87	89	Universal Lighting Technologies	B232I120RES-A	IS	2	N	0.88	Parallel	C	NA	C	NA
238	212	Universal Lighting Technologies	B132IUNVHP-N	IS	1	N	0.88	n.a	NA	NA	C	C
239	241	Universal Lighting Technologies	B232IUNVHP-B	IS	2	N	0.88	Parallel	C	C	C	C
240	255	Universal Lighting Technologies	B232IUNV-C	IS	2	N	0.88	Parallel	C	C	C	C
241	287	Universal Lighting Technologies	B432IUNVHE-A	IS	4			Parallel	C	C	C	C
242	288	Universal Lighting Technologies	B432IUNVHEH-E	IS	4			Parallel	C	C	C	C
243	293	Universal Lighting Technologies	B232I277RH-A	IS	4	?	?	Parallel	NA	T	NA	C
244	115	Universal Lighting Technologies	B232PUNVHE-B	PS	2	N	0.88	Parallel	C	C	C	C
245	153	Universal Lighting Technologies	B332PUNVHEH-A	PS	3	H	1.18	Parallel	C	C	C	C
246	154	Universal Lighting Technologies	B232PU104S50A	PRS	2	H	1.04	Parallel	S	S	S	S
247	167	Universal Lighting Technologies	B232PUNVHP-A	PS	2	?	?	Parallel	S	S	S	S
248	268	Watran	DB-232N-MV-TP-HE	IS	2	N	0.87	Parallel	C	C	C	C
250	269	Watran	DB-332N-MV-TP-HE	IS	3	N	0.87	Parallel	C	C	C	C



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S	Can't start-up	C	Compatible
F	Flicker after >2s start-up	/	Not tested
HT	High temperature	NA	Not applicable

Order Code: 10425 Model: LT815840AG5

Order Code: 10426 Model: LT815850AG5

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac
251	270	Watran	DB-432N-MV-TP-HE	IS	4	N	0.87	Parallel	C	C	C	C
252	271	Watran	DB-432L-MV-TP-HE	IS	4	L	0.77	Parallel	C	C	C	C
253	272	Watran	DB-232N-MV-TP-HE (SC)	IS	2	N	0.87	Parallel	C	C	C	C
254	128	Watran	DBG32N-MV-TP-PS-HL	PS	3	?	?	?	S	S	S	S
257	216	WORK HORSE	WHSG3-UNV-T8-IS	IS	3	N	0.99	Parallel	C	C	C	C
258	217	WORK HORSE	WHSG4-UNV-T8-IS	IS	4	N	0.96	Parallel	C	C	C	C

Emergency Ballast

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	N-Lamp
1	402	EXITRONIX	XEB-7-B-LM	AC	1	C
2	406	POWER SENTRY	PSQ500QD MVOLT	DC	1	C
3	415	KEystone	KT-EMRG-800-T5	AC	1	C
4	417	KEystone	KT-EMRG-1400	DC	1	C
5	420	ESPEN	VEM500DV(L)	AC	1	C
6	421	ESPEN	VEM700DV(L)	AC	1	C
7	424	TAMLITE	BAL1400LPACTD	AC	1	C
8	425	TAMLITE	PAC0457	AC	1	C



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S	Can't start-up	C	Compatible
F	Flicker after >2s start-up	/	Not tested
HT	High temperature	NA	Not applicable

Order Code: 10425 Model: LT815840AG5

Order Code: 10426 Model: LT815850AG5

No	Ballast No.	Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
						Type	Value		DR G5		DR G5	
									120Vac	277Vac	120Vac	277Vac

SOP of electronic ballast compatibility test

1 Test condition

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

2 Un-compatible phenomena (voltage range: 114~290Vac/60Hz for universal application)

- F flicker after >2s start-up,
- N Acoustic noise >20dB
- S Can't start-up

3 Test with N-lamp, and N-1 lamp if N>=2