

FT8 - Fidelux T8 Series LED Tubes

Product Description

The Fidelux FT8 aluminum LED tube is a smart replacement for your typical T8 fluorescent tube. The FT8 is a classic one for one retrofit product. We offer ballast compatible, direct wire, and dual mode options with the FT8. Fidelux gives you many kelvin options also, including 3000K, 3500K, 4000K, and 5000K. If you are looking for a replacement for your fluorescent tubes, then Fidelux has the answer.

Features & Benefits

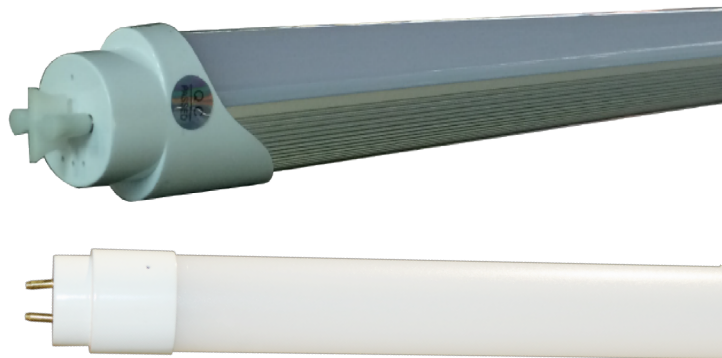
- Compatible with 90% instant start electronic ballasts in US market
- Tube can work both with instant electronic ballasts or without, so its a fantastic direct replacement tube as well as retrofit kit
- One for one replacement
- Clear & Frosted Lens options
- Suitable for dry & damp locations
- No UV emissions
- Reduces energy consumption
- 12w comes Plastic only

Applications

- Retrofit Schools, Office, Corporate, Warehouses & Retail

Regulatory & Voluntary Qualifications

- UL, NSF
- Most of our products are DLC listed, qualifying them for the highest rebates. Please check individual product specs for DLC status. Refer to DLC website by clicking this link: <https://www.designlights.org>



Performance Summary

Efficacy: up to 141 l/pw

CRI up to: 83 cri

CCT: 3000K / 3500K / 4000K / 5000K

Dimming: Non Dimming

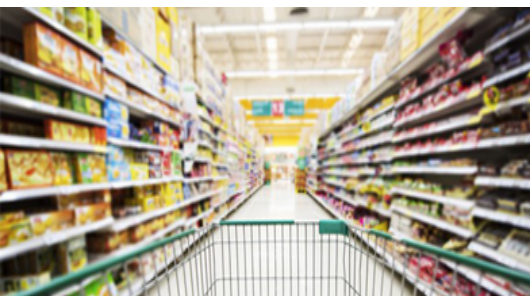
Operating Temp: -30° - +40°C Ambient

Input Voltage: 120-277 vac

Operating Frequency: 50 / 60Hz

Power Factor: >0.97 - 0.99

Dimension: 24", 36", 48"



FT8 Series Specification Summary

DATA SOURCE	DLC		DLC	DLC	DLC	DLC
Product Number	FT82-13W-A2	FT83-15W-A2	Nano Plastic FT84-12W-A2	FT84-15W-A2	FT84-18W-A2	FT84-20W-A2
Efficacy l/pw	126	Pending	135	138	140	141
Input Power: Watts	15	15	12	15	18	20
Lumens @ 3000K	Pending	Pending	Pending	Pending	Pending	Pending
Lumens @ 3500K	1952 (No DLC)	TBD	1640	1764	2580	2800
Lumens @ 4000K	1952	TBD	1664	1764	2580	2800
Lumens @ 5000K	1952	TBD	1664	1764	2580	2800
CRI	83	TBD	82	82	83	83
Qualifications	DLC, UL	UL (No DLC)	DLC, UL	DLC, UL	DLC, UL	UL (DLC Pending)
CCT/Kelvin Temp Options	30/35/40/50 Kelvin (No DLC on 35K for FT82-15w)					
IP Rating	IP65					
Lens	Clear / Frosted					
Beam Degrees	120	120	320	120	120	120
Input Voltage Options	120-277vac / 347vac with Ballast & 120-277vac without Ballast					
THD @ 120VAC	20%					
Power Factor	>0.96 - 0.99					
Rated Life	50,000 Hours					
Ambient Working Temp	-30°C to +40°C Ambient					
Max Dimensions (in)	24"	36"	48"			
Limited Warranty	5 Yrs.					

Notes

Values are nominal unless noted +/- 5%
Specifications change without notice

FT8 Series Product Ordering Guide

Example: FT83-15W-C-A1-50K-UNV-N

Product	Lens	Mode	CCT/Color Temp	Voltage	Controls & Dimming
FT82-15W	Blank (Frosted)	A1 (Ballast bypass, direct wire, line voltage)	30K (3000 Kelvin)	UNV (120-277v) STD	N (Non-Dimming) STD
FT83-15W (No DLC)	C (Clear)	A2 (Universal, dual mode)	35K (3500 Kelvin)		
FT8P4-12W (Nano Plastic only)		A3 (Direct fit, plug & play, ballast compatible)	40K (4000 Kelvin)		
FT84-15W			50K (5000 Kelvin)		
FT84-18W					
FT84-20W					

*special order only, consult factory

FT8 Series Design Details & Photometry

Photometry

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminance as the source resulting in a luminaire efficiency of 100%.

Product Specification

Product Number	Length (Inch)	Color	Bare Lamp (Watt)	Average System Watts (W)			Average System Initial Lumens		
				Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)	Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)
FT84-15W-C-A2-30K-UNV-Clear	48	3000K	15	14.2	16.5	17.8	1704	1980	2136
FT84-15W-C-A2-40K-UNV-Clear	48	4000K	15	14.2	16.5	17.8	1704	1980	2136
FT84-15W-C-A2-50K-UNV-Clear	48	5000K	15	14.2	16.5	17.8	1704	1980	2136
FT84-18W-C-A2-30K-UNV-Clear	48	3000K	15	16.8	20.7	23.5	2016	2484	2820
FT84-18W-C-A2-40K-UNV-Clear	48	4000K	15	16.8	20.7	23.5	2016	2484	2820
FT84-18W-C-A2-50K-UNV-Clear	48	5000K	15	16.8	20.7	23.5	2016	2484	2820

FT8 Series Installation Instructions

For all FT8 Series Tubes

Ballast Compatible Type A2



WARNING
RISK OF ELECTRICAL SHOCK



To avoid the risk of fire or electric shock this product should be installed, inspected, and maintained by a qualified electrician only. Installation should be completed by an individual familiar with the construction and operation of the luminaire. Installation of luminaire must be in accordance with national and local building and electrical codes.

Safety Warning: To avoid electric shock: Be certain electrical power is OFF before and during installation and maintenance. Luminaire must be supplied by a wiring system with an equipment grounding conductor.

To avoid burning hands: Make sure lens and housing are cool when performing maintenance.

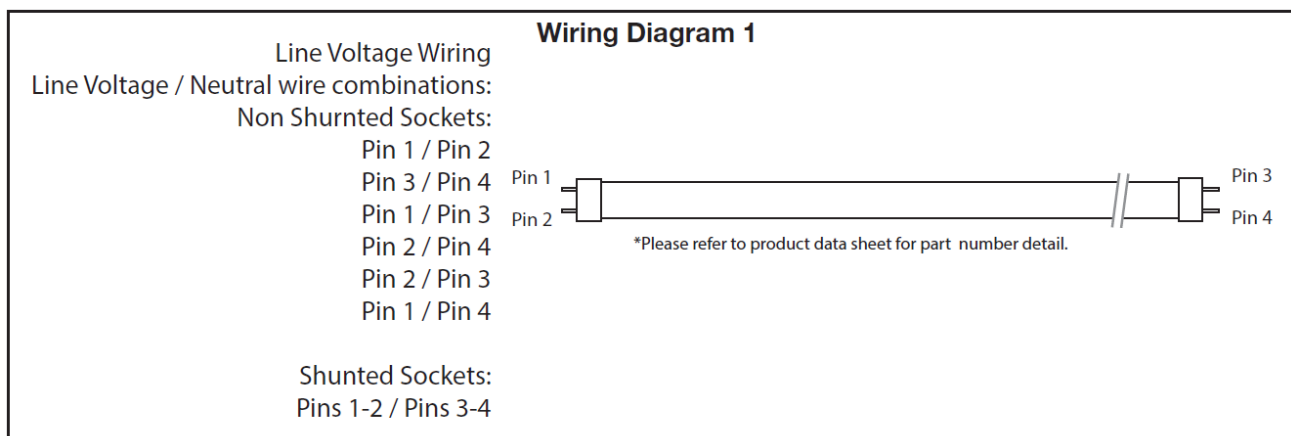
To avoid product degradation: Make sure the wire supply voltage is the same as the luminaire supply. Use proper supply wiring as specified on the luminaire nameplate. Avoid use in environments containing sulfur, chlorine, or other halides, methyl acetate or ethyl acetate, cyanoacrylates, glycol ether, formaldehyde, or butadiene.

Notes: Instructions do not cover all details and all possible product configurations. Do not restrict luminaire ventilation. Ensure LED luminaire is not covered with material that will prevent convection or conduction cooling. Ensure LED luminaire has the correct polarity before installation. Avoid exposing wiring to metal edges and sharp objects.

Maintenance: Perform visual, electrical, and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However it is recommended that checks be made at least once a year. Electrically check to make sure that all connections are clean and tight. Mechanically check that all parts are properly assembled.

For installation of FT8 Series Tubes:

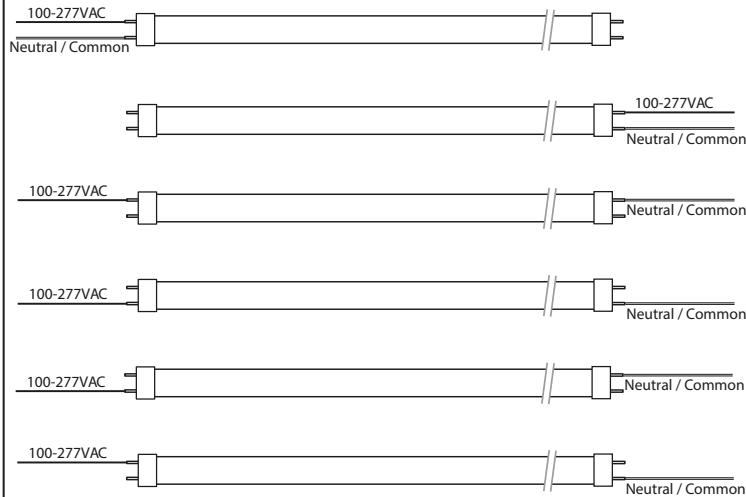
- 1) Disconnect electrical power to luminaire (fixture).
- 2) Remove existing lamps and dispose of properly.
- 3) Inspect existing sockets to ensure that sockets are G13 bi-pin, and that they are intact and undamaged.
- 4) If this tube is being used with existing ballast proceed to step 8.
- 5) If this tube is being installed with the existing ballast removed and line voltage connected directly to tube proceed with step 6.
- 6) Remove existing ballast and dispose of properly.
- 7) Wire 100-277VAC line voltage circuit as shown in Wiring Diagram 1 below.
- 8) Confirm that existing ballast is included on the list "Tested Ballast Type" included with these installation instructions.
- 9) Insert FT8 Series Tube into G13 sockets and rotate to secure.
- 10) Reconnect electrical power to luminaire.



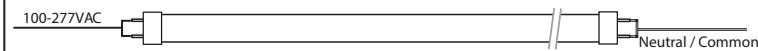
FT8 Series Installation Instructions

For all FT8 Series Tubes

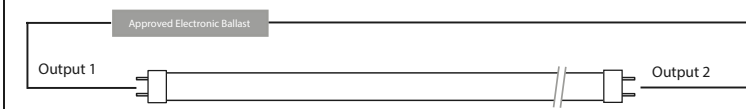
UL Type B (ballast bypass) wiring diagram
for installation of all Fidelux FT8 Series Tubes models
using NON SHUNTED G13 Bi-PIN SOCKETS



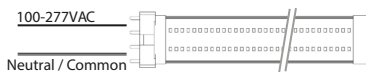
UL Type B (ballast bypass) wiring diagram
for installation of all Fidelux FT8 Series Tubes models
using SHUNTED G13 Bi-PIN SOCKETS



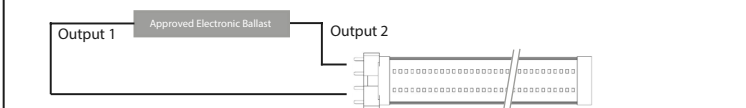
UL Type A (ballast compatible) wiring diagram
for installation of all Fidelux FT8 Series Tubes models
using NON SHUNTED G13 Bi-PIN SOCKETS



UL Type B (ballast bypass) wiring diagram
for installation of all Fidelux FT8 Series Tubes models
using 2G11 SOCKETS

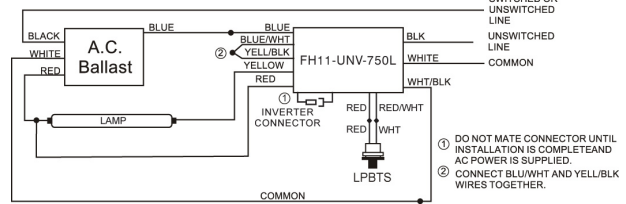


UL Type A (ballast compatible) wiring diagram
for installation of all Fidelux FT8 Series Tubes models using 2G11 SOCKETS



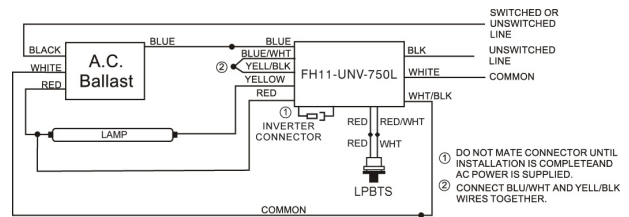
UL Type A (ballast compatible) wiring diagram
for installation of all Fidelux FT8 Series Tubes models using INSTANT START AC
ELECTRONIC BALLASTS and FULHAM Model FH-11-UNV-750L
Emergency Power Supply & Battery Pack

Note: USE NONSHUNTED G13 Bi-PIN SOCKETS ONLY. Refer to Fulham installation instructions for additional information, precautions and specifications.



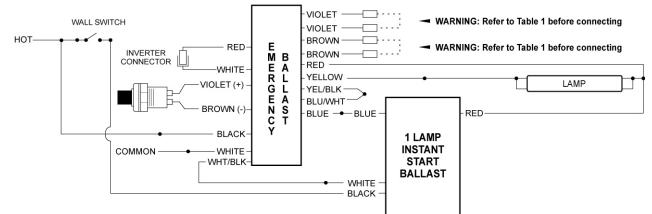
UL Type A (ballast compatible) wiring diagram
for installation of all Fidelux FT8 Series Tubes models using RAPID START AC
ELECTRONIC BALLASTS and FULHAM Model FH-11-UNV-750L
Emergency Power Supply & Battery Pack

Note: USE NONSHUNTED G13 Bi-PIN SOCKETS ONLY. Refer to Fulham installation instructions for additional information, precautions and specifications.



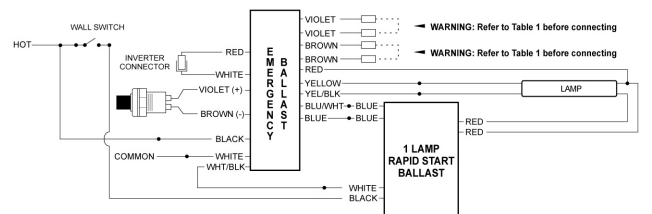
UL Type A (ballast compatible) wiring diagram
for installation of all Fidelux FT8 Series Tubes models using INSTANT START AC
ELECTRONIC BALLASTS and BODINE Model B50
Emergency Power Supply & Battery Pack

Note: USE NONSHUNTED G13 Bi-PIN SOCKETS ONLY. Refer to Bodine installation instructions for additional information, precautions and specifications.



UL Type A (ballast compatible) wiring diagram
for installation of all Fidelux FT8 Series Tubes models using RAPID START AC
ELECTRONIC BALLASTS and BODINE Model B50
Emergency Power Supply & Battery Pack

Note: USE NONSHUNTED G13 Bi-PIN SOCKETS ONLY. Refer to Bodine installation instructions for additional information, precautions and specifications.



FT8 Series Tubes

FT8 Compatible Ballast List

Item	Manufacturer	Model	Type	Compatible
1	Philips-Advance	ICN-1P32-N	Instant Start Ballast	✓
2	Philips-Advance	ICN-2P32-N	Instant Start Ballast	✓
3	Philips-Advance	ICN-3P32-N	Instant Start Ballast	✓
4	Philips-Advance	ICN-4P32-N	Instant Start Ballast	✓
5	Philips-Advance	IOPA-1P32-N	Instant Start Ballast	✓
6	Philips-Advance	IOPA-2P32-N	Instant Start Ballast	✓
7	Philips-Advance	IOPA-3P32-N	Instant Start Ballast	✓
8	Philips-Advance	IOPA-4P32-N	Instant Start Ballast	✓
9	Philips-Advance	IOPA-1P32-HL-SC	Instant Start Ballast	✓
10	Philips-Advance	IOPA-2P32-HL-SC	Instant Start Ballast	✓
11	Philips-Advance	IOPA-3P32-HL-SC	Instant Start Ballast	✓
12	Philips-Advance	IOPA-4P32-HL-SC	Instant Start Ballast	✓
13	Philips-Advance	ICN-1P32-SC	Instant Start Ballast	✓
14	Philips-Advance	ICN-2P32-SC	Instant Start Ballast	✓
15	Philips-Advance	ICN-3P32-SC	Instant Start Ballast	✓
16	Philips-Advance	ICN-4P32-SC	Instant Start Ballast	✓
17	Philips-Advance	REB-1P32-SC	Instant Start Ballast	✓
18	Philips-Advance	REB-2P32-SC	Instant Start Ballast	✓
19	Philips-Advance	REB-3P32-SC	Instant Start Ballast	✓
20	Philips-Advance	REB-4P32-SC	Instant Start Ballast	✓
21	Philips-Advance	IOP-1P32-LW-SC	Instant Start Ballast	✓
22	Philips-Advance	IOP-2P32-LW-SC	Instant Start Ballast	✓
23	Philips-Advance	IOP-3P32-LW-SC	Instant Start Ballast	✓
24	Philips-Advance	IOP-4P32-LW-SC	Instant Start Ballast	✓
25	Philips-Advance	IOPA-1P32-LW-N	Instant Start Ballast	✓
26	Philips-Advance	IOPA-2P32-LW-N	Instant Start Ballast	✓
27	Philips-Advance	IOPA-3P32-LW-N	Instant Start Ballast	✓
28	Philips-Advance	IOPA-4P32-LW-N	Instant Start Ballast	✓
29	Philips-Advance	IOPA-1P32-N	Instant Start Ballast	✓
30	Philips-Advance	IOPA-2P32-N	Instant Start Ballast	✓
31	Philips-Advance	IOPA-3P32-N	Instant Start Ballast	✓
32	Philips-Advance	IOPA-4P32-N	Instant Start Ballast	✓
33	Philips-Advance	IOP-1P32-SC	Instant Start Ballast	✓
34	Philips-Advance	IOP-2P32-SC	Instant Start Ballast	✓
35	Philips-Advance	IOP-3P32-SC	Instant Start Ballast	✓
36	Philips-Advance	IOP-4P32-SC	Instant Start Ballast	✓
37	Philips-Advance	IOPA-1P32-HL-SC	Instant Start Ballast	✓
38	Philips-Advance	IOPA-2P32-HL-SC	Instant Start Ballast	✓
39	Philips-Advance	IOPA-3P32-HL-SC	Instant Start Ballast	✓
40	Philips-Advance	IOPA-4P32-HL-SC	Instant Start Ballast	✓
41	Philips-Advance	IOP-1PSP32-HL-SC	Program Start Ballast	✓
42	Philips-Advance	IOP-2PSP32-HL-SC	Program Start Ballast	✓
43	Philips-Advance	IOP-3PSP32-HL-SC	Program Start Ballast	✓
44	Philips-Advance	IOP-4PSP32-HL-SC	Program Start Ballast	✓
45	Philips-Advance	IOP-1PSP32-HL-SC	Program Start Ballast	✓
46	Philips-Advance	IOP-2PSP32-HL-SC	Program Start Ballast	✓
47	Philips-Advance	IOP-3PSP32-HL-SC	Program Start Ballast	✓
48	Philips-Advance	IOP-4PSP32-HL-SC	Program Start Ballast	✓

Item	Manufacturer	Model	Type	Compatible
49	Philips-Advance	IOP-1PSP32-LW-SC	Program Start Ballast	✓
50	Philips-Advance	IOP-2PSP32-LW-SC	Program Start Ballast	✓
51	Philips-Advance	IOP-3PSP32-LW-SC	Program Start Ballast	✓
52	Philips-Advance	IOP-4PSP32-LW-SC	Program Start Ballast	✓
53	Philips-Advance	IOP-1PSP32-SC	Program Start Ballast	✓
54	Philips-Advance	IOP-2PSP32-SC	Program Start Ballast	✓
55	Philips-Advance	IOP-3PSP32-SC	Program Start Ballast	✓
56	Philips-Advance	IOP-4PSP32-SC	Program Start Ballast	✓
57	Philips-Advance	GOPA-1P32-SC	Instant Start Ballast	✓
58	Philips-Advance	GOPA-2P32-SC	Instant Start Ballast	✓
59	Philips-Advance	GOPA-3P32-SC	Instant Start Ballast	✓
60	Philips-Advance	GOPA-4P32-SC	Instant Start Ballast	✓
61	Philips-Advance	GOP-1PSP32-SC	Instant Start Ballast	✓
62	Philips-Advance	GOP-2PSP32-SC	Instant Start Ballast	✓
63	Philips-Advance	GOP-3PSP32-SC	Instant Start Ballast	✓
64	Philips-Advance	GOP-4PSP32-SC	Instant Start Ballast	✓
65	Philips-Advance	GOPA-1P32-LW-SC	Instant Start Ballast	✓
66	Philips-Advance	GOPA-2P32-LW-SC	Instant Start Ballast	✓
67	Philips-Advance	GOPA-3P32-LW-SC	Instant Start Ballast	✓
68	Philips-Advance	GOPA-4P32-LW-SC	Instant Start Ballast	✓
69	Philips-Advance	HOP-2PSP32-HL-SC	Program Start Ballast	✓
70	Philips-Advance	HOP-3PSP32-HL-SC	Program Start Ballast	✓
71	Philips-Advance	HOP-4PSP32-HL-G	Program Start Ballast	✓
72	Philips-Advance	IOP-3P32-HL-90-SC	Instant Start Ballast	✓
73	Philips-Advance	IOP-4P32-HL-90-SC	Instant Start Ballast	✓
74	Philips-Advance	RELB-2S40-N	Rapid Start Ballast	✓
75	Philips-Advance	ICN-2S40-N	Rapid Start Ballast	✓
76	Philips-Advance	ICN-2S24	Program Start Ballast	✓
77	Philips-Advance	ICN-2S24-N	Program Start Ballast	✓
78	Philips-Advance	ICN-2S39	Program Start Ballast	✓
79	Philips-Advance	ICN-2S39-N	Program Start Ballast	✓
80	Philips-Advance	ICN-2S28	Program Start Ballast	✓
81	Philips-Advance	ICN-2S28-N	Program Start Ballast	✓
82	Philips-Advance	ICN-2S54	Program Start Ballast	✓
83	Philips-Advance	ICN-2S54-N	Program Start Ballast	✓
84	GE	GE-132-MAX-N/Ultra	Instant Start Ballast	✓
85	GE	GE-232-MAX-N/Ultra	Instant Start Ballast	✓
86	GE	GE-332-MAX-N/Ultra	Instant Start Ballast	✓
87	GE	GE-432-MAX-N/Ultra	Instant Start Ballast	✓
88	GE	GE-132-MAX-L/Ultra	Instant Start Ballast	✓
89	GE	GE-232-MAX-L/Ultra	Instant Start Ballast	✓
90	GE	GE-332-MAX-L/Ultra	Instant Start Ballast	✓
91	GE	GE-432-MAX-L/Ultra	Instant Start Ballast	✓
92	GE	GE-132-MAX-H/Ultra	Instant Start Ballast	✓
93	GE	GE-232-MAX-H/Ultra	Instant Start Ballast	✓
94	GE	GE-332-MAX-H/Ultra	Instant Start Ballast	✓
95	GE	GE-432-MAX-H/Ultra	Instant Start Ballast	✓
96	GE	B132PUNVHP-N	Program Rapid Start Ballast	✓
97	GE	B232PUNVHP-N	Program Rapid Start Ballast	✓
98	GE	B332PUNVHP-A	Program Rapid Start Ballast	✓
99	GE	B432PUNVHP-A	Program Rapid Start Ballast	✓
100	GE	B3321347HP	Program Rapid Start Ballast	✓
101	GE	B228PUNV-C	Program Rapid Start Ballast	✓
102	GE	B224PUNV-C	Program Rapid Start Ballast	✓
103	GE	B239PUNV-D	Program Rapid Start Ballast	✓
104	GE	B254PUNV-D	Program Rapid Start Ballast	✓

Item	Manufacturer	Model	Type	Compatible
105	GE	B140R120HP	Instant Start Ballast	✓
106	GE	B140R277HP	Instant Start Ballast	✓
107	GE	B240R120HP	Instant Start Ballast	✓
108	GE	B240R277HP	Instant Start Ballast	✓
109	GE	B3321347HP	Instant Start Ballast	✓
110	GE	B340R120HP	Program Rapid Start Ballast	✓
111	GE	B340R277HP	Program Rapid Start Ballast	✓
112	GE	B260R120HP	Instant Start Ballast	✓
113	GE	B260R277HP	Instant Start Ballast	✓
114	GE	B260R120RH	Instant Start Ballast	✓
115	GE	B260R277RH	Instant Start Ballast	✓
116	GE	697-L-TC-P-IP	Rapid Start Ballast	✓
117	GE	573-L-TC-P-IP	Rapid Start Ballast	✓
118	GE	588-L-TC-P-IP	Rapid Start Ballast	✓
119	GE	413-C-TC-P-IP	Rapid Start Ballast	✓
120	GE	412-L-SLH-TC-P-IP	Rapid Start Ballast	✓
121	GE	458-L-SLH-TC-P-I	Rapid Start Ballast	✓
122	GE	446-L-SLH-TC-P	Rapid Start Ballast	✓
123	GE	537-L-TC-P-I	Rapid Start Ballast	✓
124	GE	443-L-SLH-TC-P	Rapid Start Ballast	✓
125	GE	490-XLH-TC-P	Rapid Start Ballast	✓
126	GE	627-LH-TC-P-IP	Rapid Start Ballast	✓
127	GE	480-SLH-TC-P-IP	Rapid Start Ballast	✓
128	GE	480-XLH-TC-P-IP	Rapid Start Ballast	✓
129	GE	487-SLH-TC-P-IP	Rapid Start Ballast	✓
130	GE	487-XLH-TC-P-IP	Rapid Start Ballast	✓
131	GE	960-VLH-TC-P-IP	Rapid Start Ballast	✓
132	GE	532-BR-TC-P-IP	Instant Start Ballast	✓
133	GE	213-TC-P-IP	Instant Start Ballast	✓
134	GE	B132IUNVHE-A	Program Rapid Start Ballast	✓
135	GE	B232IUNVHE-A	Program Rapid Start Ballast	✓
136	GE	B332IUNVHE-A	Program Rapid Start Ballast	✓
137	SYLVANIA	QHE 1X32T8/UNV ISL-SC	Instant Start Ballast	✓
138	SYLVANIA	QHE 2X32T8/UNV ISL-SC	Instant Start Ballast	✓
139	SYLVANIA	QHE 3X32T8/UNV ISL-SC	Instant Start Ballast	✓
140	SYLVANIA	QHE 4X32T8/UNV ISL-SC	Instant Start Ballast	✓
141	SYLVANIA	QHE 1X32T8/UNV ISN-SC	Instant Start Ballast	✓
142	SYLVANIA	QHE 2X32T8/UNV ISN-SC	Instant Start Ballast	✓
143	SYLVANIA	QHE 3X32T8/UNV ISN-SC	Instant Start Ballast	✓
144	SYLVANIA	QHE 4X32T8/UNV ISN-SC	Instant Start Ballast	✓
145	SYLVANIA	QHE 1X32T8/UNV ISH-SC	Instant Start Ballast	✓
146	SYLVANIA	QHE 2X32T8/UNV ISH-SC	Instant Start Ballast	✓
147	SYLVANIA	QHE 3X32T8/UNV ISH-SC	Instant Start Ballast	✓
148	SYLVANIA	QHE 4X32T8/UNV ISH-SC	Instant Start Ballast	✓
149	SYLVANIA	QTP 1X32T8/UNV ISL-SC	Instant Start Ballast	✓
150	SYLVANIA	QTP 2X32T8/UNV ISL-SC	Instant Start Ballast	✓
151	SYLVANIA	QTP 3X32T8/UNV ISL-SC	Instant Start Ballast	✓
152	SYLVANIA	QTP 4X32T8/UNV ISL-SC	Instant Start Ballast	✓
153	SYLVANIA	QTP 1X32T8/UNV ISN-SC	Instant Start Ballast	✓
154	SYLVANIA	QTP 2X32T8/UNV ISN-SC	Instant Start Ballast	✓
155	SYLVANIA	QTP 3X32T8/UNV ISN-SC	Instant Start Ballast	✓
156	SYLVANIA	QTP 4X32T8/UNV ISN-SC	Instant Start Ballast	✓
157	SYLVANIA	QTP 1X32T8/UNV ISH-SC	Instant Start Ballast	✓
158	SYLVANIA	QTP 2X32T8/UNV ISH-SC	Instant Start Ballast	✓
159	SYLVANIA	QTP 3X32T8/UNV ISH-SC	Instant Start Ballast	✓
160	SYLVANIA	QTP 4X32T8/UNV ISH-SC	Instant Start Ballast	✓

Item	Manufacturer	Model	Type	Compatible
161	SYLVANIA	QTP 1x32T8/UNV PSX-TC	Program Start Ballast	✓
162	SYLVANIA	QTP 2x32T8/UNV PSX-TC	Program Start Ballast	✓
163	SYLVANIA	QTP 3x32T8/UNV PSX-TC	Program Start Ballast	✓
164	SYLVANIA	QTP 4x32T8/UNV PSX-TC	Program Start Ballast	✓
165	SYLVANIA	QTP 1x32T8/UNV PSN-TC	Program Start Ballast	✓
166	SYLVANIA	QTP 2x32T8/UNV PSN-TC	Program Start Ballast	✓
167	SYLVANIA	QTP 3x32T8/UNV PSN-SC	Program Start Ballast	✓
168	SYLVANIA	QTP 4x32T8/UNV PSN-SC	Program Start Ballast	✓
169	SYLVANIA	QHE2x32T8/UNV-PSH-HT	Program Start Ballast	✓
170	SYLVANIA	QHE3x32T8/UNV-PSH-HT	Program Start Ballast	✓
171	SYLVANIA	QHE4x32T8/UNV-PSH-HT	Instant Start Ballast	✓
172	SYLVANIA	QHE 1x32T8/347 ISL-SC	Instant Start Ballast	✓
173	SYLVANIA	QHE 2x32T8/347 ISL-SC	Instant Start Ballast	✓
174	SYLVANIA	QHE 3x32T8/347 ISL-SC	Instant Start Ballast	✓
175	SYLVANIA	QHE 4x32T8/347 ISL-SC	Instant Start Ballast	✓
176	SYLVANIA	QHE 1x32T8/347 ISN-SC	Instant Start Ballast	✓
177	SYLVANIA	QHE 2x32T8/347 ISN-SC	Instant Start Ballast	✓
178	SYLVANIA	QHE 3x32T8/347 ISN-SC	Instant Start Ballast	✓
179	SYLVANIA	QHE 4x32T8/347 ISN-SC	Instant Start Ballast	✓
180	SYLVANIA	QT2X32T8/347 ISL-SC	Instant Start Ballast	✓
181	SYLVANIA	QT4X32T8/347 ISL-SC	Instant Start Ballast	✓
182	SYLVANIA	QTP1X32T8/347 ISN-SC	Instant Start Ballast	✓
183	SYLVANIA	QTP2X32T8/347 ISN-SC	Instant Start Ballast	✓
184	SYLVANIA	QT3X32T8/347 ISN-SC	Instant Start Ballast	✓
185	SYLVANIA	QT4X32T8/347 ISN-SC	Instant Start Ballast	✓
186	SYLVANIA	QT2X32T8/347 ISH-SC	Instant Start Ballast	✓
187	SYLVANIA	QTP 2x39-24T5HO/UNV PSN NL	Program Start Ballast	✓
188	SYLVANIA	QTP 2x39-24T5HO/UNV PSN NL	Program Start Ballast	✓
189	SYLVANIA	QTP 2x54 T5HO/UNV PSN NL	Program Start Ballast	✓
190	SYLVANIA	QTP 2x28 T5/UNV PSN NL	Program Start Ballast	✓
191	SYLVANIA	QTP 2x54 T5HO/UNV PSN HT NL	Program Rapid Start Ballast	✓
192	SYLVANIA	QTP 4x54 T5HO/UNV PSN HTW NL	Program Rapid Start Ballast	✓
193	GE	GE-232-120RED-DIY	? Start Ballast	✓
194	GE	GE-432-120RED-DIY	? Start Ballast	✓
195	GE	GE-232-120-N	? Start Ballast	✓
196	GE	GE-432-120-N	? Rapid Start Ballast	✓
197	GE	GE-132-MV-N	Instant Start Start Ballast	✓
198	GE	GE-232-MV-N	Instant Start Start Ballast	✓
199	GE	GE-332-MV-N	Instant Start Ballast	✓
200	GE	GE-432-MV-N	Instant Start Ballast	✓
201	GE	GE-132-MV-N-DIY	Instant Start Ballast	✓
202	GE	GE-232-MV-N-DIY	Instant Start Ballast	✓
203	GE	GE-332-MV-N-DIY	Instant Start Ballast	✓
204	GE	GE-432-MV-N-DIY	Instant Start Ballast	✓
205	GE	GE232MAX347-N	Instant Start Ballast	✓
206	GE	GE432MAX347-N	Instant Start Ballast	✓
207	SUNPARK	U-1/32ISE-HBF	Instant Start Ballast	✓
208	SUNPARK	U-2/32ISE-HBF	Instant Start Ballast	✓
209	SUNPARK	U-3/32ISE-HBF	Instant Start Ballast	✓
210	SUNPARK	U-4/32ISE-HBF	Instant Start Ballast	✓
211	SUNPARK	U-1/32ISE-LBF	Instant Start Ballast	✓
212	SUNPARK	U-2/32ISE-LBF	Instant Start Ballast	✓
213	SUNPARK	U-3/32ISE-LBF	Instant Start Ballast	✓
214	SUNPARK	U-4/32ISE-LBF	Instant Start Ballast	✓
215	HOWARD	EP3/32IS/MV/MC/HE	Instant Start Ballast	✓
216	KEYSTONE	KTEB-432-UV-IS-N-P	Instant Start Ballast	✓

Item	Manufacturer	Model	Type	Compatible
217	KEYSTONE	KTEB-432-UV-IS-N-P	Instant Start Ballast	√
218	PROLUME	EP232IS/L/MV/SL	Instant Start Ballast	√
219	PROLUME	EP232IS/L/MV/HE	Instant Start Ballast	√
220	RADIONIC	E232H12	Instant Start Ballast	√