



TABLE OF CONTENTS

| | | | | | |
|--------------------------|-----------|--------------------------------|-----------|---|-----------|
| T8 Type A | 2 | T8/T5/PLL emergency | 13 | PL-S/C ballasts | 16 |
| Instant start 4ft. | 2 | T5 HO | 14 | Compact fluorescent emergency ballasts | 16 |
| Instant start other | 6 | T5 HE | 14 | PL-C/T ballasts | 17 |
| Program start (FO) 4ft. | 8 | PL-L | 15 | LATAM T8 | 18 |
| Program start (FO) other | 10 | T8/T12 8ft Slimline | 15 | LATAM FA8 | 18 |
| Program start (Dim) 4ft. | 11 | T12 electronic ballasts | 15 | Footnotes | 19 |
| T8 Type C | 12 | T12 rapid start | 15 | | |
| 4ft. | 12 | | | | |
| other | 12 | | | | |

**T8 instant-start ballasts
(4ft.) cont'd**

| | | 9.5 W 1600 lm (4 ft.) | 10 W 1600 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 13 W 2100 lm (4 ft.) | 10 W 1800 lm (4 ft. Glass) | 12 W 1800 lm (4 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 16W 1800 lm (4 ft. Glass) | 17W 2100 lm (4 ft. Glass) | 15.5 W 2500 lm (4 ft.) | 16.5 W 2500 lm (4 ft.) | 16 W 1800 lm (4 ft.) |
|------------------|---------------------|---|--|--|---|---|---|---|--|--|---|---|--|
| | | 473974, 473982 473990, 474007 540807 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | 473926, 473934 473942, 473958 | 541986, 541994 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 | 542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916 | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Fulham Co., Inc | Zipline (361RC-Z03) | System Certified | System Certified | | | | | | | | | | |
| ULT | B132IUNVHP-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | Certified |
| ULT | B232IUNVHP-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B332IUNVHP-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B432IUNVHP-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B132IUNVHE-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B232IUNVHE-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B332IUNVHE-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B432IUNVHE-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B132IUNVEL-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B232IUNVEL-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B332IUNVEL-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B432IUNVEL-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B232IUNVHEH-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B332IUNVHEH-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B432I277HEH | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B232I347HP-A | Certified | Certified | Certified | | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ULT | B432I347HP | Certified | | | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-132-MV-N | | | Certified | Certified | Certified | Certified | Certified | | Certified | Certified | Certified | Certified |
| General Electric | GE-232-MV-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-332-MV-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-232-MV-N-DIY | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-332-MV-N-DIY | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-432-MV-N-DIY | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE232MAX-N/ULTRA | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Not Recommended | Certified | Certified | Certified |
| General Electric | GE332MAX-N/ULTRA | | | Certified | Certified | Not Recommended | Not Recommended | Not Recommended | | Certified | Certified | Certified | Certified |
| General Electric | GE432MAX-N/ULTRA | Not Recommended | Not Recommended | Certified | Certified | Certified | Certified | Certified | Certified | | | | Certified |
| General Electric | GE232MAX-L/ULTRA | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | Certified | Certified | Certified |
| General Electric | GE332MAX-L/ULTRA | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE432MAX-L/ULTRA | | | Certified | Certified | Not Recommended | Not Recommended | Not Recommended | | Certified | Certified | Certified | Certified |
| General Electric | GE132MAX-H/ULTRA | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | | | | Certified |
| General Electric | GE232MAX-H/ULTRA | | Certified | Certified | Certified | | | | Not Recommended | Not Recommended | Not Recommended | Not Recommended | Not Recommended |
| General Electric | GE332MAX-H/ULTRA | Not Recommended | Not Recommended | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE432MAX-H/ULTRA | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE232MAX347-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | | Certified | Certified | Certified |
| General Electric | GE432MAX347-N | Certified | Certified | Certified | Certified | | | | | Certified | Certified | Certified | Certified |
| General Electric | GE232-120RES-DIY | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE432-120RES-DIY | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |

See footnotes on Page 10.

T8 instant-start ballasts (4ft.) cont'd

| | | 9.5 W 1600 lm (4 ft.) | 10 W 1600 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 13 W 2100 lm (4 ft.) | 10 W 1800 lm (4 ft. Glass) | 12 W 1800 lm (4 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 16W 1800 lm (4 ft. Glass) | 17W 2100 lm (4 ft. Glass) | 15.5 W 2500 lm (4 ft.) | 16.5 W 2500 lm (4 ft.) | 16 W 1800 lm (4 ft.) |
|----------------|--------------------------|---|--|--|---|---|---|---|--|--|---|---|--|
| | | 473974, 473982 473990, 474007 540807 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | 473926, 473934 473942, 473958 | 541986, 541994 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 | 542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916 | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Osram Sylvania | QTP 1x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP 2x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP 3x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP 4x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP 2X32T8/347 ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | | Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 2x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4X32T8/347 ISN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | | Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISL-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 2x32T8/UNV ISL-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISL-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISL-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISH-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 2x32T8/UNV ISH-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISH-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISH | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISH HT SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 2x32T8/UNV ISH HT SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4X32T8/UNV ISH-HT-1 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 2x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Not Recommended | Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISL-SC-1 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 2x32T8/UNV ISL-SC-1 | Certified | Certified | Certified | Certified | | | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISL-SC-1 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Ultrasave | UT232347 | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Ultrasave | UT432347 | Certified | Certified | Certified | | | | | | Certified | Certified | Certified | Certified |
| Hatch | HL232AIS/UV/HE/W | Certified | Certified | Certified | Certified | Certified | Certified | | | | Certified | | Certified |
| Hatch | HL332AIS/UV/HE/W | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | | Certified | | Certified |
| Hatch | HL232BIS/UV/HE/W | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | | Certified | | Certified |
| Hatch | HL432BIS/UV/HE/W | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | | Certified | | Certified |
| Hatch | HL232AIS/34/HE/W | Certified | | | | | | | Certified | | | | Certified |
| Hatch | HL432AIS/34/HE/W | Certified | Certified | Certified | Certified | Certified | Certified | | | | Certified | | Certified |
| Accupro | AK-RC-232IP-UNV | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Accupro | AP-232IP-UNV-M | Certified | | | | Certified | Certified | | Certified | | Certified | | Certified |
| Accupro | AP-332IP-UNV | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | Certified | Certified |

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T8 instant-start ballasts
(4ft.) cont'd

| | | 9.5 W 1600 lm (4 ft.) | 10 W 1600 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 13 W 2100 lm (4 ft.) | 10 W 1800 lm (4 ft. Glass) | 12 W 1800 lm (4 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 16W 1800 lm (4 ft. Glass) | 17W 2100 lm (4 ft. Glass) | 15.5 W 2500 lm (4 ft.) | 16.5 W 2500 lm (4 ft.) | 16 W 1800 lm (4 ft.) |
|-------------------|---------------------|---|--|--|---|---|---|---|--|--|---|---|--|
| | | 473974, 473982 473990, 474007 540807 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | 473926, 473934 473942, 473958 | 541986, 541994 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 | 542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916 | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Howard Industries | EP2/32IS/MV/MC/HE | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Howard Industries | EP4/32IS/MV/MC | Certified | Certified | Certified | Certified | | | | Certified | | Certified | Certified | Certified |
| Howard Industries | EP4/32IS/MV/MC/HE | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Fusion | FB232347E-N | | | | | | | | | | | | |
| Fusion | FB232MVE | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Fusion | FB432MVE-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-132-UV-IS-N-P | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-232RIS-1-TP-SL | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-232-UV-IS-L-P | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-232-UV-IS-N-P | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-332-UV-IS-L-P | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-332-UV-IS-N-P | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-432RIS-1-TP-SL | | | | | Certified | Certified | Certified | Certified | Certified | | | Certified |
| Keystone | KTEB-432-UV-IS-N-P | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Keystone | KTEB-432-UV-PS-N-P | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE23212OHIP | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE232MVHIPE | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE232MVHIPHE | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE232MVHIPL | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE33212OMIP | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE332MVHIPHE | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE43212OMIP | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE432MVHIPE | | | | | Certified | Certified | Certified | Certified | Certified | | | Certified |
| ESPEN | VE432MVHIPH | Certified | Certified | Certified | Certified | | | | Certified | | Certified | Certified | |
| ESPEN | VE432MVHIPHE | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| ESPEN | VE432MVHIPL | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |

See footnotes on Page 10.

T8 instant-start ballasts (other)

| | MasterClass | MasterClass | MasterClass | MasterClass |
|-----------------|--|---|--|--|
| | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 13W 2100 lm (U-Bent)3 |
| | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | ICN-1P32-N | | | |
| Philips Advance | ICN-2P32-N | System Certified | System Certified | System Certified |
| Philips Advance | ICN-3P32-N | System Certified | System Certified | System Certified |
| Philips Advance | ICN-4P32-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-1P32-N | Not Recommended | | Not Recommended |
| Philips Advance | IOPA-2P32-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-3P32-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-4P32-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-2P32-LW-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-3P32-LW-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-4P32-LW-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-1P32-HL-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-2P32-HL-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-3P32-HL-N | System Certified | System Certified | System Certified |
| Philips Advance | IOPA-4P32-HL-SC | System Certified | System Certified | System Certified |
| Philips Advance | GOPA-1P32-SC | System Certified | | System Certified |
| Philips Advance | GOPA-2P32-SC | System Certified | | |
| Philips Advance | GOPA-3P32-SC | System Certified | System Certified | System Certified |
| Philips Advance | GOPA-4P32-SC | System Certified | System Certified | System Certified |
| Philips Advance | GOPA-2P32-N | System Certified | System Certified | System Certified |
| Philips Advance | GOPA-2P32-LW-N | System Certified | System Certified | System Certified |
| Philips Advance | GOPA-1P32-LW-SC | System Certified | | System Certified |
| Philips Advance | GOPA-2P32-LW-SC | System Certified | | |
| Philips Advance | GOPA-3P32-LW-SC | System Certified | | |
| Philips Advance | GOPA-4P32-LW-SC | System Certified | System Certified | System Certified |
| Philips Advance | RES-2P32-N | System Certified | System Certified | System Certified |
| Philips Advance | REB-2P32-SC | System Certified | System Certified | System Certified |
| Philips Advance | REB-4P32-SC | System Certified | System Certified | System Certified |
| Fulham Co., Inc | WH3-120-L | System Certified | System Certified | System Certified |
| Fulham Co., Inc | WH3-277-L | System Certified | System Certified | System Certified |
| Fulham Co., Inc | WH5-120-L | System Certified | System Certified | System Certified |
| Fulham Co., Inc | WH5-277-L | System Certified | System Certified | System Certified |
| Fulham Co., Inc | WHSG1-UNV-T8-IS | Not Recommended | System Certified | System Certified |
| Fulham Co., Inc | WHSG2-UNV-T8-IS | System Certified | System Certified | System Certified |
| Fulham Co., Inc | WHSG2-UNV-T8-LB | | System Certified | System Certified |
| Fulham Co., Inc | WHSG3-UNV-T8-IS | Not Recommended | Not Recommended | Not Recommended |
| Fulham Co., Inc | WHSG3-UNV-T8-LB | Not Recommended | Not Recommended | Not Recommended |
| Fulham Co., Inc | WHSG3-UNV-T8-HB | Not Recommended | Not Recommended | System Certified |
| Fulham Co., Inc | WH42-UNV-L | System Certified | System Certified | System Certified |

See footnotes on Page 10.

T8 instant-start ballasts (other) cont'd

| | MasterClass | MasterClass | MasterClass | MasterClass |
|---------------------------|--|---|--|--|
| | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 13W 2100 lm (U-Bent)3 |
| | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Fulham Co., Inc | WH43-UNV-L | Not Recommended | Not Recommended | Not Recommended |
| Fulham Co., Inc | WH44-UNV-L | Not Recommended | Not Recommended | Not Recommended |
| Fulham Co., Inc / Leviton | Zipline (361RC-Z03) | Not Recommended | Not Recommended | Not Recommended |
| ULT | B132IUNVHP-N | Certified | Certified | Certified |
| ULT | B232IUNVHP-N | Certified | Certified | Certified |
| ULT | B332IUNVHP-A | | Certified | Certified |
| ULT | B432IUNVHP-A | Certified | Certified | Certified |
| ULT | B132IUNVHE-A | Certified | Certified | Certified |
| ULT | B232IUNVHE-A | Certified | Certified | Certified |
| ULT | B332IUNVHE-A | Certified | Certified | Certified |
| ULT | B432IUNVHE-A | Certified | Certified | Certified |
| ULT | B132IUNVEL-A | Certified | Certified | Certified |
| ULT | B232IUNVEL-A | Certified | Certified | Certified |
| ULT | B332IUNVEL-A | Certified | Certified | Certified |
| ULT | B432IUNVEL-A | Certified | Certified | Certified |
| ULT | B232IUNVHEH-A | Certified | Certified | Certified |
| ULT | B332IUNVHEH-A | Certified | Certified | Certified |
| ULT | B432I277HEH | Certified | | |
| ULT | B232I347HP-A | Certified | Certified | Certified |
| ULT | B432I347HP | Certified | | Certified |
| General Electric | GE-132-MV-N | | | |
| General Electric | GE-232-MV-N | Certified | Certified | Certified |
| General Electric | GE-332-MV-N | Certified | Certified | Certified |
| General Electric | GE-232-MV-N-DIY | Certified | Certified | Certified |
| General Electric | GE-332-MV-N-DIY | Certified | Certified | Certified |
| General Electric | GE-432-MV-N-DIY | Certified | Certified | Certified |
| General Electric | GE232MAX-N/ULTRA | Certified | Certified | Certified |
| General Electric | GE332MAX-N/ULTRA | Certified | | Certified |
| General Electric | GE432MAX-N/ULTRA | Certified | | Certified |
| General Electric | GE232MAX-L/ULTRA | Certified | Certified | Certified |

T8 instant-start ballasts (other) cont'd

| MasterClass | MasterClass | MasterClass | MasterClass |
|--|----------------------------------|--|--|
| 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 13W 2100 lm (U-Bent)3 |
| 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 |

| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
|------------------|--------------------------|---|---|---|---|
| General Electric | GE332MAX-L/ULTRA | Certified | Certified | Certified | |
| General Electric | GE432MAX-L/ULTRA | Certified | Not Recommended | Not Recommended | |
| General Electric | GE132MAX-H/ULTRA | | | | |
| General Electric | GE232MAX-H/ULTRA | Certified | Certified | Certified | Certified |
| General Electric | GE332MAX-H/ULTRA | Certified | Certified | Certified | |
| General Electric | GE432MAX-H/ULTRA | Certified | Certified | Certified | |
| General Electric | GE232MAX347-N | Certified | Certified | Certified | Certified |
| General Electric | GE432MAX347-N | Certified | Certified | Certified | |
| General Electric | GE232-120RES-DIY | Certified | Certified | Certified | Certified |
| General Electric | GE432-120RES-DIY | Certified | Certified | Certified | |
| Osram Sylvania | QTP 1x32T8/UNV ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QTP 2x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP 3x32T8/UNV ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QTP 4x32T8/UNV ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QTP 2X32T8/347 ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 1x32T8/UNV ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 2x32T8/UNV ISN-SC | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 4x32T8/UNV ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 4X32T8/347 ISN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 1x32T8/UNV ISL-SC | Certified | | Certified | |
| Osram Sylvania | QHE 2x32T8/UNV ISL-SC | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISL-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 4x32T8/UNV ISL-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 1x32T8/UNV ISH-SC | Certified | | | |
| Osram Sylvania | QHE 2x32T8/UNV ISH-SC | Certified | | | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISH-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 4x32T8/UNV ISH | Certified | Certified | Certified | |
| Osram Sylvania | QHE 1x32T8/UNV ISH HT SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 2x32T8/UNV ISH HT SC | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4X32T8/UNV ISH-HT-1 | Certified | Certified | Certified | |
| Osram Sylvania | QHE 1x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | |
| Osram Sylvania | QHE 2x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | |
| Osram Sylvania | QHE 4x32T8/UNV ISN-SC-1 | Certified | Certified | Certified | |
| Osram Sylvania | QHE 1x32T8/UNV ISL-SC-1 | Certified | Certified | Certified | |
| Osram Sylvania | QHE 2x32T8/UNV ISL-SC-1 | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISL-SC-1 | Certified | Certified | Certified | |
| Ultrasave | UT232347 | Certified | Certified | Certified | Certified |
| Ultrasave | UT432347 | Certified | | Certified | |

T8 instant-start ballasts (other) cont'd

| MasterClass | MasterClass | MasterClass | MasterClass |
|--|----------------------------------|--|--|
| 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 13W 2100 lm (U-Bent)3 |
| 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 |

| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
|-------------------|---------------------|---|---|---|---|
| Hatch | HL232AIS/UV/HE/W | Certified | Certified | Certified | Certified |
| Hatch | HL332AIS/UV/HE/W | Certified | Certified | Certified | |
| Hatch | HL232BIS/UV/HE/W | Certified | Certified | Certified | Certified |
| Hatch | HL432BIS/UV/HE/W | Certified | Certified | Certified | |
| Hatch | HL232AIS/34/HE/W | Certified | Certified | Certified | Certified |
| Hatch | HL432AIS/34/HE/W | Certified | Certified | Certified | |
| Accupro | AK-RC-232IP-UNV | Certified | Certified | Certified | Certified |
| Accupro | AP-232IP-UNV-M | | | | Certified |
| Accupro | AP-332IP-UNV | Certified | Certified | Certified | Certified |
| Howard Industries | EP2/32IS/MV/MC/HE | Certified | | Certified | Certified |
| Howard Industries | EP4/32IS/MV/MC | Certified | Certified | Certified | |
| Howard Industries | EP4/32IS/MV/MC/HE | Certified | | Certified | |
| Fusion | FB232347E-N | Certified | Certified | Certified | |
| Fusion | FB232MVE | Certified | Certified | Certified | Certified |
| Fusion | FB432MVE-N | Certified | Certified | Certified | Certified |
| Keystone | KTEB-132-UV-IS-N-P | Certified | Certified | Certified | Certified |
| Keystone | KTEB-232RIS-1-TP-SL | Certified | Certified | Certified | Certified |
| Keystone | KTEB-232-UV-IS-L-P | Certified | Certified | Certified | Certified |
| Keystone | KTEB-232-UV-IS-N-P | Certified | Certified | Certified | Certified |
| Keystone | KTEB-332-UV-IS-L-P | Certified | Certified | Certified | |
| Keystone | KTEB-332-UV-IS-N-P | Certified | Certified | Certified | |
| Keystone | KTEB-432RIS-1-TP-SL | Certified | Certified | Certified | |
| Keystone | KTEB-432-UV-IS-N-P | Certified | Certified | Certified | |
| Keystone | KTEB-432-UV-PS-N-P | Certified | Certified | Certified | |
| ESPEN | VE232120HIP | Certified | Certified | Certified | Certified |
| ESPEN | VE232MVHIPE | Certified | Certified | Certified | Certified |
| ESPEN | VE232MVHIPHE | Certified | Certified | Certified | Certified |
| ESPEN | VE232MVHIPL | Certified | Certified | Certified | Certified |
| ESPEN | VE332120MIP | Certified | Certified | Certified | |
| ESPEN | VE332MVHIPHE | Certified | Certified | Certified | |
| ESPEN | VE432120MIP | Certified | Certified | Certified | |
| ESPEN | VE432MVHIPE | Certified | | Certified | |
| ESPEN | VE432MVHIPH | Certified | Certified | Certified | |
| ESPEN | VE432MVHIPHE | Certified | Certified | Certified | |
| ESPEN | VE432MVHIPL | Certified | Certified | Certified | |

See footnotes on Page 10.

T8 programmed-start ballasts (fixed output 4ft.)

| | | 9.5 W 1600 lm (4 ft.) | 10 W 1600 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 13 W 2100 lm (4 ft.) | 10 W 1800 lm (4 ft. Glass) | 12 W 1800 lm (4 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 16W 1800 lm (4 ft. Glass) | 17W 2100 lm (4 ft. Glass) | 15.5 W 2500 lm (4 ft.) | 16.5 W 2500 lm (4 ft.) | 16 W 1800 lm (4 ft.) |
|------------------|-------------------------|---|--|--|---|---|---|---|--|--|---|---|--|
| | | 473974, 473982 473990, 474007 540807 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | 473926, 473934 473942, 473958 | 541986, 541994 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 | 542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916 | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | IOP-1PSP32-N | | | | System Certified | | | | | | | | System Certified |
| Philips Advance | IOP-2PSP32-N | | | System Certified | System Certified | | | | | | | | System Certified |
| Philips Advance | IOP-3PSP32-SC | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | IOP-4PSP32-SC | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | IOP-1PSP32-LW-N | | | | System Certified | | | | | | | | System Certified |
| Philips Advance | IOP-2PSP32-LW-N | | | System Certified | System Certified | | | | | | | | |
| Philips Advance | IOP-3PSP32-LW-SC | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | |
| Philips Advance | IOP-4PSP32-LW-SC | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | |
| Philips Advance | HOP-2PSP32-HL-L | | | System Certified | System Certified | | | | | | | | System Certified |
| Philips Advance | HOP-4PSP32-HL-G | | | System Certified | System Certified | | | | | | | | System Certified |
| ULT | B232PUNVHE-B | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | | | | |
| ULT | B332PUNVHE-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | | | | |
| ULT | B432PUNVHE-A | Certified | Certified | Certified | Certified | Certified | Certified | Certified | | | | | |
| ULT | B232PUNVHEH-A | | | Certified | Certified | | | | | | | | Certified |
| ULT | B332PUNVHEH-A | | | Certified | Certified | | | | | | | | Certified |
| ULT | B232PUNVEL-B | | | Certified | Certified | | | | | | | | Certified |
| ULT | B332PUNVEL-A | | | Certified | Certified | | | | | | | | Certified |
| ULT | B432PUNVEL-A | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-232MVPS-XL | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-332MVPS-XL | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-132MVPS-L | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-232MVPS-L | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-332MVPS-L | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-432MVPS-L | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-132MVPS-N | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-232MVPS-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-332MVPS-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-432MVPS-N | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| General Electric | GE-132MVPS-H | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-232MVPS-H | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-332MVPS-H | | | Certified | Certified | | | | | | | | Certified |
| General Electric | GE-432MVPS-H | | | Certified | Certified | | | | | | | | Certified |
| Osram Sylvania | QHE 1X32T8/UNV PSX-MC | | | | Certified | | | | | | | | Certified |
| Osram Sylvania | QHE 2X32T8/UNV PSX-MC | | | | Certified | | | | | | | | Certified |
| Osram Sylvania | QHE 3X32T8/UNV PSX-SC | | | Certified | Certified | | | | | | | | Certified |
| Osram Sylvania | QHE 4X32T8/UNV PSX-SC | | | Certified | Certified | | | | | | | | Certified |
| Osram Sylvania | QHE 1X32T8/UNV PSN-MC | | | Certified | Certified | | | | | | | | Certified |
| Osram Sylvania | QHE 2X32T8/UNV PSN-MC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3X32T8/UNV PSN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 4X32T8/UNV PSN-SC | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE S 2X32T8/UNV PSL-SC | | | Certified | | | | | | | | | |
| Osram Sylvania | QHE 2X32T8/UNV PSH-HT | | | Certified | Certified | | | | | | | | Certified |

See footnotes on Page 10.

T8 programmed-start ballasts (fixed output 4ft.)

cont'd

| | | 9.5 W 1600 lm (4 ft.) | 10 W 1600 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 13 W 2100 lm (4 ft.) | 10 W 1800 lm (4 ft. Glass) | 12 W 1800 lm (4 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 16W 1800 lm (4 ft. Glass) | 17W 2100 lm (4 ft. Glass) | 15.5 W 2500 lm (4 ft.) | 16.5 W 2500 lm (4 ft.) | 16 W 1800 lm (4 ft.) |
|----------------|--------------------------|---|--|--|---|---|---|---|--|--|---|---|--|
| | | 473974, 473982 473990, 474007 540807 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | 473926, 473934 473942, 473958 | 541986, 541994 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 | 542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916 | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Osram Sylvania | QHE 3X32T8/UNV PSH-HT-SC | | | Certified | Certified | | | | | | | | Certified |
| Osram Sylvania | QHE 4X32T8/UNV PSH-HT | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL232APS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL332APS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL432APS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL232BPS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL332BPS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL432BPS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL232CPS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |
| Hatch | HL332CPS/UV/HE/W | | | Certified | Certified | | | | | | | | Certified |

See footnotes on Page 10.

T8 programmed-start ballasts (fixed output other lengths)

| | | MasterClass | MasterClass | MasterClass | MasterClass |
|------------------|------------------------|--|---|--|--|
| | | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 13W 2100 lm (U-Bent)3 |
| | | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | IOP-1PSP32-N | | | | |
| Philips Advance | IOP-2PSP32-N | | | | |
| Philips Advance | IOP-3PSP32-SC | System Certified | System Certified | System Certified | |
| Philips Advance | IOP-4PSP32-SC | System Certified | System Certified | System Certified | |
| Philips Advance | IOP-1PSP32-LW-N | | | | |
| Philips Advance | IOP-2PSP32-LW-N | | | | |
| Philips Advance | IOP-3PSP32-LW-SC | System Certified | System Certified | System Certified | |
| Philips Advance | IOP-4PSP32-LW-SC | System Certified | System Certified | System Certified | |
| Philips Advance | HOP-2PSP32-HL-L | | | | |
| Philips Advance | HOP-4PSP32-HL-G | | | | |
| ULT | B232PUNVHE-B | Certified | Certified | Certified | |
| ULT | B332PUNVHE-A | Certified | Certified | Certified | |
| ULT | B432PUNVHE-A | Certified | Certified | Certified | |
| ULT | B232PUNVHEH-A | | | | |
| ULT | B332PUNVHEH-A | | | | |
| ULT | B232PUNVEL-B | | | | |
| ULT | B332PUNVEL-A | | | | |
| ULT | B432PUNVEL-A | | | | |
| General Electric | GE-232MVPS-XL | | | | |
| General Electric | GE-332MVPS-XL | | | | |
| General Electric | GE-132MVPS-L | | | | |
| General Electric | GE-232MVPS-L | | | | |
| General Electric | GE-332MVPS-L | | | | |
| General Electric | GE-432MVPS-L | | | | |
| General Electric | GE-132MVPS-N | | | | |
| General Electric | GE-232MVPS-N | Certified | Certified | Certified | Certified |
| General Electric | GE-332MVPS-N | Certified | Certified | Certified | |
| General Electric | GE-432MVPS-N | Certified | Certified | Certified | |
| General Electric | GE-132MVPS-H | | | | |
| General Electric | GE-232MVPS-H | | | | |
| General Electric | GE-332MVPS-H | | | | |
| General Electric | GE-432MVPS-H | | | | |
| Osram Sylvania | QHE 1X32T8/UNV PSX-MC | | | | |
| Osram Sylvania | QHE 2X32T8/UNV PSX-MC | | | | |
| Osram Sylvania | QHE 3X32T8/UNV PSX-SC | | | | |
| Osram Sylvania | QHE 4X32T8/UNV PSX-SC | | | | |
| Osram Sylvania | QHE 1X32T8/UNV PSN-MC | | | | |
| Osram Sylvania | QHE 2X32T8/UNV PSN-MC | Certified | Certified | Certified | Certified |
| Osram Sylvania | QHE 3X32T8/UNV PSN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE 4X32T8/UNV PSN-SC | Certified | Certified | Certified | |
| Osram Sylvania | QHE5 2X32T8/UNV PSL-SC | | | | |

T8 programmed-start ballasts (fixed output other lengths) cont'd

| | | MasterClass | MasterClass | MasterClass | MasterClass |
|----------------|--------------------------|--|---|--|--|
| | | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 13W 2100 lm (U-Bent)3 |
| | | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Osram Sylvania | QHE 2X32T8/UNV PSH-HT | | | | |
| Osram Sylvania | QHE 3X32T8/UNV PSH-HT-SC | | | | |
| Osram Sylvania | QHE 4X32T8/UNV PSH-HT | | | | |
| Hatch | HL232APS/UV/HE/W | | | | |
| Hatch | HL332APS/UV/HE/W | | | | |
| Hatch | HL432APS/UV/HE/W | | | | |
| Hatch | HL232BPS/UV/HE/W | | | | |
| Hatch | HL332BPS/UV/HE/W | | | | |
| Hatch | HL432BPS/UV/HE/W | | | | |
| Hatch | HL232CPS/UV/HE/W | | | | |
| Hatch | HL332CPS/UV/HE/W | | | | |

See footnotes on Page 10.

T8 programmed-start ballasts (dimmable) (UL Type A)

| 13W 2100 lm (4 ft.) | 14W 2100 lm (4 ft.) |
|----------------------------------|--|
| 473926, 473934 473942, 473958 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 |

| Manufacturer | Ballast Model | System Certified¹/ Certified² | System Certified¹/ Certified² | Dimmer Recommendation |
|------------------|----------------|----------------------------------|----------------------------------|--|
| Philips Advance | IZT-2S32-SC | | | Use Compatible 0-10V dimmer |
| Philips Advance | IZT-4S32 | | | Use Compatible 0-10V dimmer |
| Philips Advance | REZ-132-SC | System Certified | System Certified | Philips Lightolier - V1500EBUW / Lutron - MRF2-6ND-120 |
| Philips Advance | REZ-2S32-SC | System Certified | System Certified | Philips Lightolier - V1500EBUW / Lutron - MRF2-6ND-120 |
| Philips Advance | REZ-3S32-SC | System Certified | System Certified | Philips Lightolier - V1500EBUW / Lutron - MRF2-6ND-120 |
| General Electric | GE132MVPSN-V03 | Certified | Certified | Use Compatible 0-10V dimmer |
| General Electric | GE232MVPSN-V03 | Certified | Certified | Use Compatible 0-10V dimmer |
| General Electric | GE332MVPSN-V03 | Certified | Certified | Use Compatible 0-10V dimmer |
| General Electric | GE432MVPSN-V03 | Certified | Certified | Use Compatible 0-10V dimmer |
| General Electric | GE232MVPSH-V03 | Certified | Certified | Use Compatible 0-10V dimmer |
| General Electric | GE332MVPSH-V03 | Certified | Certified | Use Compatible 0-10V dimmer |
| General Electric | GE432MVPSH-V03 | Certified | Certified | Use Compatible 0-10V dimmer |

InstantFit T8 LED drivers⁷ (UL Type C 4ft.)

| | | 9.5 W 1600 lm (4 ft.) | 10 W 1600 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 13 W 2100 lm (4 ft.) | 10 W 1800 lm (4 ft. Glass) | 12 W 1800 lm (4 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 15.5 W 2500 lm (4 ft.) | 16.5 W 2500 lm (4 ft.) |
|-----------------|---------------------|---|--|--|---|---|---|---|---|---|
| | | 473974, 473982 473990, 474007 540807 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | 473926, 473934 473942, 473958 | 541986, 541994 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | ICN-2P13-TLED-N | | | | System Certified | | | | | |
| Philips Advance | ICN-2P15-TLED-N | | | | | | | | System Certified | |
| Philips Advance | ICN-2P16-TLED-N | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICN-3P13-TLED-N | | | | System Certified | | | | | |
| Philips Advance | ICN-3P15-TLED-N | | | | | | | | System Certified | |
| Philips Advance | ICN-3P16-TLED-N | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICN-4P13-TLED-N | | | | System Certified | | | | | |
| Philips Advance | ICN-4P15-TLED-N | | | | | | | | System Certified | |
| Philips Advance | ICN-4P16-TLED-N | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICN-2P16-TLED-EL-N | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICN-2P16-TLED-HL-N | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICN-4P16-TLED-HL-SC | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | IZT-2P16-TLED-SC | | | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | IZT-4P16-TLED-SC | | | System Certified | System Certified | | | | System Certified | System Certified |

InstantFit T8 LED drivers⁷ (UL Type C other lengths)

| | | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 13W 2100 lm (U-Bent) ³ |
|-----------------|---------------------|--|---|--|--|
| | | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | ICN-2P13-TLED-N | | | | System Certified |
| Philips Advance | ICN-2P15-TLED-N | System Certified | System Certified | | System Certified |
| Philips Advance | ICN-2P16-TLED-N | System Certified | System Certified | System Certified | |
| Philips Advance | ICN-3P13-TLED-N | | | | |
| Philips Advance | ICN-3P15-TLED-N | System Certified | System Certified | | |
| Philips Advance | ICN-3P16-TLED-N | System Certified | System Certified | System Certified | |
| Philips Advance | ICN-4P13-TLED-N | | | | |
| Philips Advance | ICN-4P15-TLED-N | System Certified | System Certified | | |
| Philips Advance | ICN-4P16-TLED-N | System Certified | System Certified | System Certified | |
| Philips Advance | ICN-2P16-TLED-EL-N | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICN-2P16-TLED-HL-N | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICN-4P16-TLED-HL-SC | System Certified | System Certified | System Certified | |
| Philips Advance | IZT-2P16-TLED-SC | System Certified | | | |
| Philips Advance | IZT-4P16-TLED-SC | | | | |

See footnotes on Page 10.

T8/T5/PLL emergency ballasts⁶ (UL Type A)

| 7 W 1050 lm (2 ft.) | 9 W 1200 lm (3 ft.) | 10W 1600lm (4 ft.) | 13W 2100lm (4 ft.) | 14W 2100lm (4 ft.) | 12W 1800lm (4 ft. Glass) |
|--|--|--|----------------------------------|--|----------------------------------|
| 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 469320, 469338 469346, 469353 469452, 469478 469460, 539858 539874, 539882 539866 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 473974, 473982 473990, 474007 | 473926, 473934 473942, 473958 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | 530469, 530477 530485, 530493 |

| Manufacturer | Emergency Ballast Model | # of lamps in Emerg. | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
|------------------|------------------------------|----------------------|---|---|---|---|---|---|
| Philips Bodine | B50 (12 NC: 913702456401) | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Bodine | PEL12 | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Bodine | LP600 | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Bodine | LP600STU | 1 | Not Recommended | Not Recommended | System Certified | System Certified | System Certified | System Certified |
| Philips Chloride | DEB-6LP | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | I-320 | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | I-160 ⁵ | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | I-162 | 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | ISL-54 | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | ISL-540 | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Fulham Co., Inc | FH7-UNV-500L | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Fulham Co., Inc | FH11-UNV-750L-xx | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Fulham Co., Inc | FH12-UNV-1400K-xx | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |

| 14 W 2100 lm (4 ft. Glass) | 17W 2100lm (4 ft. Glass) | 16.5W 2500lm (4 ft.) | 13W 2100lm (U-Bent) ³ | 16.5W 2100lm (PL-L 2 ft.) | T5 HO | T5 HE |
|----------------------------------|--|----------------------------------|--|------------------------------|----------------------------------|----------------------------------|
| 470096, 470104 470112, 470120 | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790 | 463133, 463141 463158, 468892 | 469379, 469387 469395, 469403 469411, 470625 | 456632, 456640 456657 | 467126, 467134 467142, 467159 | 476499, 476507 476515, 476523 |

| Manufacturer | Emergency Ballast Model | # of lamps in Emerg. | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
|------------------|------------------------------|----------------------|---|---|---|---|---|---|---|
| Philips Bodine | B50 (12 NC: 913702456401) | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Bodine | PEL12 | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Bodine | LP600 | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Bodine | LP600STU | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Chloride | DEB-6LP | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | I-320 | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | I-160 ⁵ | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | I-162 | 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | ISL-54 | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Iota Engineering | ISL-540 | 1 or 2 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Fulham Co., Inc | FH7-UNV-500L | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Fulham Co., Inc | FH11-UNV-750L-xx | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Fulham Co., Inc | FH12-UNV-1400K-xx | 1 | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |

See footnotes on Page 10.

T5HO ballasts^{1,2} (UL Type A)

467126, 467134
467142, 467159

| Manufacturer | Ballast Model | System Certified/ Certified ² |
|------------------|-------------------------|---|
| Philips Advance | ICN-2S54-N | System Certified |
| Philips Advance | ICN-2S54-90C-N | System Certified |
| Philips Advance | ICN-2S54-T | System Certified |
| Philips Advance | ICN-2S54-90C-T | System Certified |
| Philips Advance | ICN-2S54-N(L) | System Certified |
| Philips Advance | ICN-4S54-90C-2LS-G | System Certified |
| Philips Advance | HCN-2S54-90C-WL | System Certified |
| Philips Advance | HCN-4S54-90C-2LS-G | System Certified |
| Philips Advance | IZT-2S54-D | System Certified |
| Philips Advance | REZ-2S54 | System Certified |
| General Electric | GE254MVPS-A | Certified |
| General Electric | GE254MVPS-D | Certified |
| General Electric | GE454MVPS90-E-S | Certified |
| General Electric | GE454MVPS90-F | Certified |
| General Electric | GE454MVPS90-G | Certified |
| General Electric | GE254MVPS90-A | Certified |
| Osram Sylvania | QHE 2x54T5HO/UNV PSN | Certified |
| Osram Sylvania | QHE 2x54T5HO/UNV PSN HT | Certified |
| Osram Sylvania | QHE 2x54T5HO/UNV PSN(L) | Certified |
| Osram Sylvania | QTP 2X54T5HO/UNV PSN HT | Certified |
| ULT | B254PUNV-D | Certified |
| ULT | B254PUNVHB-D | Certified |
| ULT | B454PUNV-E | Certified |
| ULT | B454PUNVHB-E | Certified |
| Hatch | HL454HO/PS/UV/W | Certified |
| Hatch | HL254HO/PS/UV/W | Certified |
| ESPEN | VE254MVHRP | Certified |
| ESPEN | VE454MVHRP | Certified |
| Fulham | RHA-UNV-254-LT5 | Certified |
| Fulham | RHA-UNV-454-LT5 | Certified |
| Keystone Inc. | KTEB-254HO-UV-PS-SL | Certified |
| Keystone Inc. | KTEB-454HO-UV-TP-PS | Certified |
| Sunpark | U-2/54T5HO | Certified |
| MAGG | 2x54W LFL T5 AFP | Certified |

T5 HE ballasts^{1,2} (UL Type A)

| 8 W 1050 lm (2 ft. Glass) | 11 W 1500 lm (3 ft. Glass) | 14 W 2100 lm (4 ft. Glass) |
|----------------------------------|----------------------------------|----------------------------------|
| 476416, 476424 476432, 476440 | 476457, 476465 476473, 476481 | 476499, 476507 476515, 476523 |

| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
|------------------|-------------------------|---|---|---|
| Philips Advance | ICN-2S24-N | System Certified | System Certified | |
| Philips Advance | ICN-2S24-T | System Certified | System Certified | |
| Philips Advance | ICN-2S28-N | System Certified | System Certified | System Certified |
| Philips Advance | ICN-2S28-T | System Certified | System Certified | System Certified |
| Philips Advance | GCN-2S28-L | System Certified | System Certified | System Certified |
| Philips Advance | IZT-2S28-D | System Certified | System Certified | System Certified |
| Osram Sylvania | QHE 2X39-24T5HO/UNV PSN | Certified | Certified | |
| Osram Sylvania | QTP 2X28T5/UNV PSN | Certified | Certified | Certified |
| Osram Sylvania | QHE 2X28T5/UNV PSN | Certified* | Certified* | Certified |
| General Electric | GE228MVPS-MC | Certified* | Certified* | Certified* |
| General Electric | GE228MVPS-MC-H | Certified | Certified | Certified |
| ULT | B224PUNV-C | Certified | Certified | |
| ULT | B228PUNV-C | Certified | Certified | Certified |
| ULT | B228PUNV-N | Certified | Certified | Certified |
| ULT | B228PUNV85-D | Certified | Certified | Certified |
| ULT | B239PUNV-D | Certified* | Certified* | |
| Keystone | KTEB-228HE-UV-PS | Certified | Certified | Certified |
| Keystone | KTEB-228HE-UV-PS-SL | Certified | Certified | Certified |
| Fulham | RHA-UNV-228-LT5 | Certified | Certified | Certified |
| Robertson | PSA228T5MV | Certified | Certified | Certified |

*This ballast is compatible for two (2) lamp configuration only.

PL-L ballasts

| Manufacturer | Ballast Model | 16.5 W 2100 lm (PL-L 2 ft.) | 16.5 W 2300 lm (PL-L 2 ft.) |
|------------------|-------------------------|--------------------------------|--------------------------------|
| | | 456632, 456640, 456657 | 532895, 532903, 532911 |
| Philips Advance | ICN-ITTP40-SC | System Certified | System Certified |
| Philips Advance | ICN-ZTTP40-SC | System Certified* | System Certified* |
| Philips Advance | ICN-3TTP40-SC | System Certified | |
| Philips Advance | ICN-2S24-N | | System Certified |
| Philips Advance | ICN-2S24-T | | System Certified |
| Philips Advance | ICN-2S39-N | | System Certified |
| Philips Advance | ICN-2S39-T | | System Certified |
| Philips Advance | ICF-2S42-M2-BS | | System Certified |
| Philips Advance | ICF-2S42-M2-LD | | System Certified |
| Philips Advance | ICF-2S42-90C-M2-BS | | System Certified |
| Philips Advance | ICF-2S42-90C-M2-LD | | System Certified |
| General Electric | GEI40MAX-A | Certified | Certified |
| General Electric | GE240MAX-A | Certified | Certified |
| General Electric | GE340MAX-A | Certified | Certified |
| General Electric | GEC242-MVPS | | Certified |
| General Electric | GEC240MVPS-A | | Certified |
| General Electric | GEC225MVPS-A | | Certified |
| Osram Sylvania | QHEIX40DL/UNV ISN-SC | Certified | Certified |
| Osram Sylvania | QHE2X40DL/UNV ISN-SC | Certified | Certified |
| Osram Sylvania | QHE3X40DL/UNV ISN-SC | Certified | Certified |
| Osram Sylvania | QTP 1x40TT5/277 PSN-F | | Certified |
| Osram Sylvania | QTP 2x40TT5/120 PSN-F | | Certified |
| Osram Sylvania | QTP 2x40TT5/277 PSN-F | | Certified |
| Osram Sylvania | QTP 3x40TT5/120 PSN-B | | Certified |
| Osram Sylvania | QTP 3x40TT5/277 PSN-B | | Certified |
| Osram Sylvania | QTP 2X26/32/42CF/UNV DM | | Certified |

*Not recommended for one(l) lamp 277V operation.

T12 ELECTRONIC BALLASTS

T12 electronic ballasts

| Manufacturer | Ballast Model | 13 W 2100 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 16 W 1800 lm (4 ft.) UniversalFit |
|-----------------|---------------|----------------------------------|--|--|
| | | 473926, 473934 473942, 473958 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 | 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Philips Advance | ICN-2S40-N | System Certified | System Certified | System Certified |
| Philips Advance | RELB-2S40-N | System Certified | System Certified | System Certified |

T8/T12 8' Slimline ballasts^{1,2} (UL Type A)

| Manufacturer | Ballast Model | 35W 4200 lm (8ft Plastic) | 30W 4200 lm (8ft Glass) |
|-----------------------------------|-----------------------|----------------------------------|----------------------------------|
| | | 469239, 469247 469254, 469262 | 533000, 533018 533026, 533034 |
| Philips Advance | IOP-2P59-N | System Certified | System Certified |
| Philips Advance | ICN-2P60-N | System Certified | System Certified |
| General Electric | GE259MAX-L/ULTRA | Certified | Certified |
| General Electric | GE259MAXP-N/ULTRA | Certified | Certified |
| General Electric | GE-259-MV-N 30194 | Certified | Certified |
| General Electric | GE259MAX-G-N 74469 | Certified | Certified |
| General Electric | GE259MAXP-N-DIY 23954 | Certified | Certified |
| Howard Industries | EP2/59IS/MV/MC/HE | Certified | Certified |
| Howard Industries | E2/75IS-120MC | Certified | Certified |
| Fulham | WH5-277-L | Certified | Certified |
| ULT | B260IUNVHP | Certified | Certified |
| ULT | B260I120M-A | Certified | Certified |
| Osram Sylvania | OSRAM QT 2X96/120 IS | Certified | Certified |
| Osram Sylvania | OSRAM QT 2X96/277 IS | Certified | Certified |
| Osram Sylvania | 2X75W T12(96") | Certified | Certified |
| Industrias Sola Basics S A DE C V | EIO-260-MC | Certified | Certified |
| Industrias Sola Basics S A DE C V | EOI-230/32-MC | Certified | Certified |

T12 rapid-start magnetic ballasts^{1,2} (UL Type A)

| Manufacturer | Ballast Model | 20 W 2100 lm (4 ft.) | 16 W 1800 lm (4 ft.) UniversalFit |
|-----------------------------------|------------------------|-------------------------|--|
| | | 463117, 463125 | 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Philips Advance | R-140-1-TP | System Certified | System Certified |
| Philips Advance | X-140-TP | System Certified | System Certified |
| Philips Advance | R-2S40-1-TP | System Certified | System Certified |
| Philips Advance | XQM-2S40-TP | System Certified | System Certified |
| Philips Advance | V-2S40-1-TP | System Certified | System Certified |
| Philips Advance | RQM-2S40-3-TP | System Certified | System Certified |
| Philips Advance | R-2S34-TP-5 | System Certified | System Certified |
| Philips Advance | V-2S34-TP | System Certified | System Certified |
| Philips Advance | RM-2S35-TP | System Certified | System Certified |
| General Electric | GEM240RS277 | Certified | Certified |
| General Electric | GEM240RS120 -1 | Certified | Certified |
| Howard Industries | M1/40RS-120 | Certified | Certified |
| Howard Industries | M2/40RS-277 | Certified | Certified |
| Howard Industries | M2/40RS-240 -1 | Certified | Certified |
| ULT | 412-L-SLH-TC-P | Certified | Certified |
| ULT | 458-L-SLH-TC-P | Certified | Certified |
| ULT | 540-L-TC-P | Certified | Certified |
| ULT | CAT.NO.446-L-LH-TC-P-7 | Certified | Certified |
| ULT | 443-L-SLH-TC-P | Certified | Certified |
| ULT | 446-L-SLH-TC-P | Certified | Certified |
| Osram Sylvania | MB1x40/277 RS-1 | Certified | Certified |
| Osram Sylvania | MB1x40/120RS-1 | Certified | Certified |
| Osram Sylvania | MB2x40/120RS-1 | Certified | Certified |
| Osram Sylvania | MB2x40/277RS-1 | Certified | Certified |
| Industrias Sola Basics S A DE C V | E420-F-234 IC -1 | Certified | Certified |

See footnotes on Page 10.

PL-S/C ballasts⁷

| | | Horizontal Lamp PLS 5W 2-pin | Vertical Lamp PLC 5W 2-pin | Horizontal Lamp PLC 5W 2-pin |
|-----------------|-----------------|---|---|---|
| | | 529511, 529560 529578, 529586 | 532358, 532366 532374, 532382 | 532309, 532317 532333, 532341 |
| Manufacturer | Ballast Model | System Certified ¹ /Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | VH-1B13-TP-W | System Certified | System Certified | System Certified |
| Philips Advance | H-1B13-TP-W | System Certified | System Certified | System Certified |
| Philips Advance | VLO-13-TP | System Certified | System Certified | System Certified |
| Philips Advance | H-2B13-TP-BLS | System Certified | System Certified | System Certified |
| Philips Advance | LC-13-TP | System Certified | System Certified | System Certified |
| Robertson | SIP | Certified | Certified | Certified |
| Robertson | O1527P(3P10104) | Certified* | Certified* | Certified* |
| Robertson | HP213P(3P10073) | Certified | Certified | Certified |

*This ballast is compatible for two (2) lamp horizontal configuration only.
**When used with one (1) lamp, can only be operated at 120V.

PL-C/T COMPACT FLUORESCENT EMERGENCY BALLASTS (UL TYPE A)

Emergency ballasts (for compact fluorescent lamps)^{1,7}

| | | Vertical Lamp 10.5W | Horizontal Lamp 8.5W | Vertical Lamp 12W | Horizontal Lamp 12W |
|--------------|-------------------------|---|---|---|---|
| | | 458406, 458414 458422, 458430 | 458364, 458372 458380, 458398 | 476101, 476119 476127, 476135 | 476069, 476077 476085, 476093 |
| Manufacturer | Emergency Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| lota | I-42 (2) | | System Certified | | System Certified |
| lota | I-420 (1) | System Certified | System Certified | System Certified | System Certified |
| lota | I-420 (2) | System Certified | System Certified | System Certified | System Certified |
| lota | I-160 (1) | System Certified | | System Certified | |
| lota | I-160 (2) | System Certified | System Certified | System Certified | System Certified |
| Fulham | FH11-UNV-750L (2) | System Certified | System Certified | System Certified | System Certified |
| Fulham | FH12-UNV-1400L (2) | System Certified | System Certified | System Certified | System Certified |

Systems on this page are:



See footnotes on Page 10.

PL-C/T ballasts⁷

| | | Vert. Lamp 10.5W | Horiz. Lamp 8.5W | Vert. Lamp 12W | Horiz. Lamp 12W | Vert. Lamp 5.5W | Horiz. Lamp 5.5W |
|-------------------|--------------------------|---|---|---|---|---|---|
| | | 458406, 458414 458422, 458430 | 458364, 458372 458380, 458398 | 476101, 476119 476127, 476135 | 476069, 476077 476085, 476093 | 532432, 532440 532457, 532465 | 476069, 476077 476085, 476093 |
| Manufacturer | Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | ICF-2S13-M1-BS | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICF-2S13-H1-LD | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICF-2S13-M1-BS-QS | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICF-2S26-H1-LD | System Certified | System Certified* | System Certified | System Certified* | | |
| Philips Advance | ICF-2S26-M1-BS | System Certified | System Certified | System Certified | System Certified | | |
| Philips Advance | ICF-2S26-M1-BS-QS | System Certified | System Certified | System Certified | System Certified | | |
| Philips Advance | ICF-2S18-H1-LD | System Certified | System Certified | System Certified | System Certified | | |
| Philips Advance | ICF-2S18-M1-BS | System Certified | System Certified | System Certified | System Certified | | |
| Philips Advance | ICF-2S18-M1-BS-QS | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | ICF-2S42-M2-LD | System Certified | System Certified | System Certified** | System Certified** | | |
| Philips Advance | ICF-2S42-M2-BS | System Certified | System Certified | System Certified** | System Certified** | | |
| Philips Advance | ICF-2S42-90C-M2-BS | System Certified | System Certified | System Certified** | System Certified** | | |
| Philips Advance | ICF-2S42-90C-M2-LD | System Certified | System Certified | System Certified** | System Certified** | | |
| Philips Advance | I2T-2S26-M5-LD | System Certified | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | REB-113-M6-EL | System Certified | System Certified | System Certified | System Certified | | |
| Philips Advance | REB-113-M6-BLS | | | | | System Certified | System Certified |
| Philips Advance | REB-118-M6-BLS | System Certified | System Certified | System Certified | System Certified | | |
| Philips Advance | REB-2S18-M6-EL | System Certified | System Certified | System Certified | System Certified | | |
| Philips Advance | REB-126-M6-BLS | System Certified | System Certified | System Certified | System Certified | | |
| General Electric | GEC218-MVPS-SE | Certified | Certified | Certified | Certified | | |
| General Electric | GEC226-MVPS-3W | Certified | Certified | Certified | Certified | | |
| General Electric | GEC242-MVPS-SE | Certified | Certified | Certified | Certified | | |
| ULT | C213UNVME | | | | | Certified | Certified |
| ULT | C218UNVME | Certified | Certified | Certified | Certified | | |
| ULT | C2642UNVME | Certified | Certified | Certified | Certified | | |
| ULT | C242UNVME | Certified | Certified | Certified | Certified | | |
| ULT | C218UNVBE | Certified | Certified | Certified | Certified | | |
| ULT | C2642UNVBE | Certified | Certified | Certified | Certified | | |
| Osram Sylvania | QTP 1/2X18CF/UNV DM | Certified | Certified | Certified | Certified | | |
| Osram Sylvania | QTP 2X26CF/UNV DM | Certified | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP2x26CF/UNV | Certified | Certified | Certified | Certified | | |
| Howard Industries | EP2/26CF/MV/2 | Certified | Certified | Certified | Certified | | |
| Howard Industries | EP2CF26PS/MV/DC/K | Certified | Certified | Certified | Certified | | |
| Motorola | M2-CF-26-B-S-277 | Certified | Certified | Certified | Certified | | |
| Keystone | CAT.NO.KTEB-226-UV-RS-DW | Certified | Certified | Certified | Certified | | |
| Fulham | WH2-120-C | | | | | Certified | Certified |
| Fulham | WH2-120-L | | | | | Certified | Certified |
| Fulham | NPY-120-226-CFL | Certified | Certified | Certified | Certified | | |
| Robertson | REDIL10-120H | Certified | Certified | Certified | Certified | | |
| ACE | CSD-332PBM | Certified | Certified | Certified | Certified | | |
| Hatch | HC226PS/UV/D | Certified | Certified | Certified | Certified | | |
| Deltek | CFL226MVRSL | Certified | Certified | Certified | Certified | | |
| Espen | VE226120MR-1 | Certified | Certified | Certified | Certified | | |
| Sunpark | LC 12010T | | | | | Certified | Certified |
| Sunpark | SL15T | Certified | Certified | Certified | Certified | | |
| Topstar Premium | BB-PL/UNH-1/2X26-1X42 | Certified | Certified | Certified | Certified | | |
| Topstar Premium | BB-PL/UVH-1/2X13-18 | Certified | Certified | Certified | Certified | | |
| Antron | 16X952 CSD-113PNPF | Certified | Certified | Certified | Certified | | |
| Standard | E528-120V/STD/EOL | Certified | Certified | Certified | Certified | | |
| Radionic | RPL26-42R-M | Certified | Certified | Certified | Certified | | |
| DAMAR | 23350D | | | | | Certified | Certified |

* This ballast is compatible for two(2) lamp horizontal configuration only.

** When used with one(1) lamp, can only be operated at 120V.

See footnotes on Page 10.

LATAM T8 ballasts

| | | 7W 1150 lm (2 ft.) | 10W 1600lm (4 ft.) | 13W 2100lm (4 ft.) | 17W 2100lm (4 ft.) | 13W 2100lm (U-Bent) |
|-----------------|-------------------------|---|---|---|---|--|
| | | 929001311004 929001311104 | 929001397404 929001397504 | 929001397804 929001397904 | 929001343503 | 929001311804 929001311904 929001312004 929001312104 |
| Manufacturer | Emergency Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | ICN-2P32-N | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | RES-2P32-N | System Certified | System Certified | System Certified | System Certified | System Certified |
| Philips Advance | REM-2P32-N | System Certified | System Certified | System Certified | System Certified | System Certified |
| ISB Sola Basic | 758-232-MC | Certified | Certified | Certified | Certified | Certified |
| ISB Sola Basic | 758-432-SC | Certified | Certified | Certified | Certified | Certified |
| ISB Sola Basic | 758-U-432-SC | Certified | Certified | Certified | Certified | Certified |
| ISB Sola Basic | E-758-U-232-SC | Certified | Certified | Certified | Certified | Certified |
| ISB Sola Basic | E18-232 | Certified | Certified | Certified | Certified | Certified |
| Magg | B04341 | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP 1X32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | |
| Osram Sylvania | QTP 2X32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | Certified |
| Osram Sylvania | QTP 3X32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | |
| Osram Sylvania | QTP 4X32T8/UNV ISN-SC | Certified | Certified | Certified | Certified | |

LATAM FA8 BALLASTS

LATAM FA8 ballasts

| | | 13W 1600lm (4 ft.) | 26W 3200lm (8 ft.) |
|-----------------|-------------------------|---|---|
| | | 929001273412 | 929001273612 |
| Manufacturer | Emergency Ballast Model | System Certified/ Certified ² | System Certified/ Certified ² |
| Philips Advance | ICN-2P59-N | System Certified | System Certified |
| Philips Advance | REL-275-N | System Certified | System Certified |
| Philips Advance | REL-239-N | System Certified | System Certified |
| ISB Sola Basic | 758-U-259-SC | Certified | Certified |
| ISB Sola Basic | 12-E1-139 | Certified | Certified |
| ISB Sola Basic | E10-230/232-MC | Certified | Certified |
| ISB Sola Basic | 758-259-SC | Certified | Certified |
| ISB Sola Basic | E10-U-260-SC | Certified | Certified |
| ISB Sola Basic | E10-260-MC | Certified | Certified |

See footnotes on Page 10.

1. System performance (Philips InstantFit LED T8 lamps and ballast) has been evaluated by the lamp and ballast manufacturer.
2. System performance (Philips InstantFit LED T8 lamps and ballast) has been evaluated by the lamp manufacturer only.
3. Typical application for U-Bent lamps is with 2-lamp ballasts.
4. Ballasts test are performed with a specific manufacturing date code. Older ballasts, with the same model numbers may have different electronic designs and consequently compatibility may vary. Similarly, newer ballast, with the same model number, may have undergone revisions that may affect compatibility. Compatibility may also extend beyond this list and Philips recommends testing a few fixtures with the InstantFit lamps, even if the ballast is on this compatibility list, to ensure compatibility and performance.
5. Connect BRN/BRN-W leads.
6. Please contact the emergency ballast manufacturer for wiring diagrams.
7. UL/CSA classified with the listed ballasts.

Please contact Philips for questions about third party ballasts that are not on this list. Information in this document is subject to change without prior notice



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