

PHILIPS

LED lamps

InstantFit LED

Ballast/Driver
Compatibility Guide



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T8 Instant-Start

UL Type A ballasts

| | | 11.5W 2100m (4ft. Glass) | 16W 1800 lm (4 ft. Glass) | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 8.9 W 1600 lm (4 ft.) | 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) |
|-----------------|-----------------|-----------------------------|------------------------------|--------------------------|--------------------------|--|----------------------------------|--|----------------------------------|--|--|--|----------------------------------|--|
| | | | | BAA | BAA | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 565580, 565598 565606, 565614 | 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 553214, 553222 553230, 553248 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | ICN-1P32-N | | | | | | | | | | | | | |
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| Fulham Co., Inc | WHSG3-UNV-T8-IS | | | ■ Certified | ■ Certified | Inadvisable | Inadvisable | Inadvisable | ● Certified | ● Certified | ● Certified | | | |
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| Fulham Co., Inc | WHSG3-UNV-T8-HB | | ● Certified | | | Inadvisable | Inadvisable | Inadvisable | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |

1. System performance ● **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.
System performance ■ **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Instant-Start

UL Type A ballasts

| | | 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.) | 7.5W 1100lm | 10.5W 1500lm | 12W 1800lm | 12.5W 1800 lm (4 ft.) | 13W 2100 lm (U-Bent) ² | |
|-----------------|-----------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|--|-----------------------------------|------------------------------------|----------------------------------|---|--|--|
| | | 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 | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556 | Flex Fit 7.5T8/COR/ 24-SCCT | Flex Fit 10.5T8/COR/ 36-SCCT | Flex Fit 12T8/COR/ 48-SCCT | FlexFit 539163, 542688 542696, 542704 565572, 565564 565556 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882 | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | |
| Advance | ICN-1P32-N | | | | | | | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | ICN-2P32-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | | | | ● Certified | |
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| Advance | IOPA-3P32-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | | | ● Certified | | |
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| Advance | IOPA-2P32-LW-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | |
| Advance | IOPA-3P32-LW-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | |
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| Advance | IOPA-1P32-HL-N | | | ● Certified | ● Certified | | | | ● Certified | ● Certified | ● Certified | | | |
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T8 Instant-Start

UL Type A ballasts

| | | 11.5W 2100m (4ft. Glass) | 16W 1800 lm (4 ft. Glass) | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 8.9 W 1600 lm (4 ft.) | 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) |
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| Fulham Co., Inc / Leviton | Zipline (361RC-Z03) | | | | | ◆ Inadvisable | ◆ Inadvisable | ◆ Inadvisable | ● Certified | ● Certified | ● Certified | | | |
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| Univ. Lighting Tech. | B232IUNVHE-A | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B332IUNVHE-A | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B432IUNVHE-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B132IUNVEL-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B232IUNVEL-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B332IUNVEL-A | | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B432IUNVEL-A | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B232IUNVHEH-A | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B332IUNVHEH-A | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B432I277HEH | ■ Certified | ■ Certified | | | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B232I347HP-A | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | ■ Certified |
| Univ. Lighting Tech. | B432I347HP | ■ Certified | ■ Certified | | | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified |
| General Electric | GE-132-MV-N | ■ Certified | | | | | | | | | | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE-232-MV-N | ■ Certified | ■ 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 |
| General Electric | GE-232-MV-N-DIY | ■ 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 |
| General Electric | GE-432-MV-N-DIY | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE232MAX-N/ULTRA | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE332MAX-N/ULTRA | | | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | | | | ■ Certified | ■ Certified | ◆ Inadvisable |
| General Electric | GE432MAX-N/ULTRA | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | ◆ Inadvisable | ◆ Inadvisable | ◆ Inadvisable | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE232MAX-L/ULTRA | ■ 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 | ■ Certified |
| General Electric | GE432MAX-L/ULTRA | | | ■ Certified | ■ Certified | ■ Certified | ◆ Inadvisable | ◆ Inadvisable | | | | ■ Certified | ■ Certified | ◆ Inadvisable |
| General Electric | GE132MAX-H/ULTRA | ■ Certified | | | | | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE232MAX-H/ULTRA | | ◆ Inadvisable | | | ■ Certified | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | |
| General Electric | GE332MAX-H/ULTRA | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ◆ Inadvisable | ◆ Inadvisable | ◆ Inadvisable | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE432MAX-H/ULTRA | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |

1. System performance ● Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.
System performance ■ Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Instant-Start

UL Type A ballasts

| | | 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.) | 7.5W 1100lm | 10.5W 1500lm | 12W 1800lm | 12.5W 1800 lm (4 ft.) | 13W 2100 lm (U-Bent) ² | |
|---------------------------|---------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|--|-----------------------------------|------------------------------------|----------------------------------|-------------------------------------|--|--|
| | | 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 | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556 | Flex Fit 7.5T8/COR/ 24-SCCT | Flex Fit 10.5T8/COR/ 36-SCCT | Flex Fit 12T8/COR/ 48-SCCT | FlexFit 560193, 600189 600197 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882 | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | |
| Fulham Co., Inc | WH42-UNV-L | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | | | | ● Certified | |
| Fulham Co., Inc | WH43-UNV-L | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | | | | ● Certified | |
| Fulham Co., Inc | WH44-UNV-L | | | | | | | | | | | | | |
| Fulham Co., Inc / Leviton | Zipline (361RC-Z03) | | | | | | | | | | | | | |
| Universal Lighting Tech. | B132IUNVHP-N | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B232IUNVHP-N | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| Universal Lighting Tech. | B332IUNVHP-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B432IUNVHP-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B132IUNVHE-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B232IUNVHE-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| Universal Lighting Tech. | B332IUNVHE-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| Universal Lighting Tech. | B432IUNVHE-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| Universal Lighting Tech. | B132IUNVEL-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B232IUNVEL-A | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| Universal Lighting Tech. | B332IUNVEL-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B432IUNVEL-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B232IUNVHEH-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Universal Lighting Tech. | B332IUNVHEH-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | |
| Universal Lighting Tech. | B432I277HEH | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | |
| Universal Lighting Tech. | B232I347HP-A | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| Universal Lighting Tech. | 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 | ■ 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 | | | |
| General Electric | GE-232-MV-N-DIY | ■ 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 | | | |
| General Electric | GE-432-MV-N-DIY | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | |
| General Electric | GE232MAX-N/ULTRA | ■ Certified | ■ Certified | ■ Certified | ◆ Inadvisable | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| General Electric | GE332MAX-N/ULTRA | ◆ Inadvisable | ◆ Inadvisable | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| General Electric | GE432MAX-N/ULTRA | ■ Certified | ■ 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 | ◆ Inadvisable | ◆ Inadvisable | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| General Electric | GE132MAX-H/ULTRA | ■ Certified | ■ Certified | | | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| General Electric | GE232MAX-H/ULTRA | | | ◆ Inadvisable | ◆ Inadvisable | ◆ Inadvisable | ◆ Inadvisable | ◆ Inadvisable | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| General Electric | GE332MAX-H/ULTRA | ■ Certified | ■ 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 | | |

1. System performance ● Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.

System performance ■ Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.

System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Instant-Start

UL Type A ballasts

| | | 11.5W 2100m (4ft. Glass) | 16W 1800 lm (4 ft. Glass) | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 8.9 W 1600 lm (4 ft.) | 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) |
|------------------|--------------------------|-----------------------------|------------------------------|--------------------------|--------------------------|--|--------------------------|--|--------------------------|--------------------------|--|--|--------------------------|--|
| | | | | BAA | BAA | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | | 469320, 469338 469346, 469353 469452, 469478 469460 | | | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 | | 541986, 541994 553214, 553222 553230, 553248 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| 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 | ■ Certified | ■ Certified | |
| General Electric | GE232-120RES-DIY | ■ 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 |
| Osram Sylvania | QTP 1x32T8/UNV ISN-SC | ■ 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 | ■ Certified |
| Osram Sylvania | QTP 3x32T8/UNV ISN-SC | ■ Certified | ■ 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 |
| Osram Sylvania | QTP 2X32T8/347 ISN-SC | ■ Certified | ■ 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 | ■ Certified |
| Osram Sylvania | QHE 2x32T8/UNV ISN-SC | ■ Certified | ■ 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 | ■ Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISN-SC | ■ Certified | ■ 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 | ■ 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 | ■ Certified |
| Osram Sylvania | QHE 3x32T8/UNV ISL-SC | ■ Certified | ■ 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 | ■ Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISH-SC | ■ 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 |
| Osram Sylvania | QHE 3x32T8/UNV ISH-SC | ■ 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 |
| Osram Sylvania | QHE 1x32T8/UNV ISH HT SC | ■ 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 |
| Osram Sylvania | QHE 4X32T8/UNV ISH-HT-1 | | ■ 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 |
| Osram Sylvania | QHE 2x32T8/UNV ISN-SC-1 | ■ 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 |
| Osram Sylvania | QHE 4x32T8/UNV ISN-SC-1 | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Osram Sylvania | QHE 1x32T8/UNV ISL-SC-1 | ■ 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 | ■ Certified |
| Osram Sylvania | QHE 4x32T8/UNV ISL-SC-1 | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Ultrasave | UT232347 | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Ultrasave | UT432347 | | | | | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |

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System performance blank field means consult factory.

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T8 Instant-Start

UL Type A ballasts

| | | 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.) | 7.5W 1100lm | 10.5W 1500lm | 12W 1800lm | 12.5W 1800 lm (4 ft.) | 13W 2100 lm (U-Bent) ² | |
|------------------|--------------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|--|-----------------------------------|------------------------------------|----------------------------------|-------------------------------------|--|--|
| | | | | 542084, 542092 542100, 545616 544502, 544510 544486, 544494 | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 | | | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556 | Flex Fit 7.5T8/COR/ 24-5CCT | Flex Fit 10.5T8/COR/ 36-5CCT | Flex Fit 12T8/COR/ 48-5CCT | FlexFit 560193, 600189 600197 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882 | |
| | | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 | 544759, 545624 544916 | 472968, 472976 479782, 479790 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | | 9290037945 (588624) | 9290037946 (588632) | 9290037947 (588640) | | | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | |
| General Electric | GE232MAX347-N | ■ 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 | | |
| Osram Sylvania | QTP 1x32T8/UNV ISN-SC | ■ 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 | | |
| Osram Sylvania | QTP 4x32T8/UNV ISN-SC | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Osram Sylvania | QTP 2X32T8/347 ISN-SC | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | | ■ Certified | | | | ■ Certified | | |
| Osram Sylvania | QHE 1x32T8/UNV ISN-SC | ■ 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 | |
| Osram Sylvania | QHE 3x32T8/UNV ISN-SC | ■ 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 | | |
| Osram Sylvania | QHE 4X32T8/347 ISN-SC | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | | ■ Certified | | | | ■ Certified | | |
| Osram Sylvania | QHE 1x32T8/UNV ISL-SC | ■ 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 | | |
| Osram Sylvania | QHE 4x32T8/UNV ISL-SC | ■ 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 | | | |
| Osram Sylvania | QHE 2x32T8/UNV ISH-SC | ■ 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 | | | |
| Osram Sylvania | QHE 4x32T8/UNV ISH | ■ 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 | | | |
| Osram Sylvania | QHE 2x32T8/UNV ISH HT SC | ■ 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 | | | |
| Osram Sylvania | QHE 1x32T8/UNV ISN-SC-1 | ■ 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 | | |
| Osram Sylvania | QHE 4x32T8/UNV ISN-SC-1 | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ◆ Inadvisable | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Osram Sylvania | QHE 1x32T8/UNV ISL-SC-1 | ■ 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 | ■ 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 | ■ Certified | | |

1. System performance ● **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.

System performance ■ **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.

System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Instant-Start

UL Type A ballasts

| | | 11.5W 2100m (4ft. Glass) | 16W 1800 lm (4 ft. Glass) | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 9 W 1200 lm (3 ft.) | 8.9 W 1600 lm (4 ft.) | 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) |
|-------------------|---------------------|-----------------------------|------------------------------|--------------------------|--------------------------|--|----------------------------------|--|----------------------------------|--|--|--|----------------------------------|--|
| | | | | BAA | BAA | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469320, 469338 469346, 469353 469452, 469478 469460 | 565580, 565598 565606, 565614 | 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 553214, 553222 553230, 553248 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Hatch | HL232AIS/UV/HE/W | | | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Hatch | HL332AIS/UV/HE/W | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Hatch | HL232BIS/UV/HE/W | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Hatch | HL432BIS/UV/HE/W | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Hatch | HL232AIS/34/HE/W | | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | |
| Hatch | HL432AIS/34/HE/W | ■ Certified | | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Accupro | AK-RC-232IP-UNV | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Accupro | AP-232IP-UNV-M | ■ Certified | ■ Certified | | | | | | ■ Certified | ■ Certified | | | | ■ Certified |
| Accupro | AP-332IP-UNV | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| 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 | ■ 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 | | | | | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| Fusion | FB232MVE | ■ 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 |
| Keystone | KTEB-132-UV-IS-N-P | ■ 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 |
| Keystone | KTEB-232-UV-IS-L-P | | ■ 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 | ■ Certified |
| Keystone | KTEB-332-UV-IS-L-P | ■ 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 | ■ Certified |
| Keystone | KTEB-432RIS-1-TP-SL | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | ■ Certified |
| Keystone | KTEB-432-UV-IS-N-P | ■ 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 |
| ESPEN | VE232120HIP | ■ 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 | ■ Certified |
| ESPEN | VE232MVHIPHE | ■ Certified | ■ Certified | | | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| ESPEN | VE232MVHIPLE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| ESPEN | VE332120MIP | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| ESPEN | VE332MVHIPHE | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| ESPEN | VE432120MIP | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| ESPEN | VE432MVHIPE | ■ Certified | ■ Certified | | | ■ Certified | | ■ Certified | | | | | | ■ Certified |
| ESPEN | VE432MVHIPH | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |
| ESPEN | VE432MVHIPHE | ■ Certified | ■ Certified | | | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| ESPEN | VE432MVHIPLE | ■ Certified | ■ Certified | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |

1. System performance ● **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.
System performance ■ **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Instant-Start

UL Type A ballasts

| | | 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.) | 7.5W 1100lm | 10.5W 1500lm | 12W 1800lm | 12.5W 1800 lm (4 ft.) | 13W 2100 lm (U-Bent) ² | |
|-------------------|---------------------|----------------------------------|----------------------------------|--|--|----------------------------------|----------------------------------|--|-----------------------------------|------------------------------------|----------------------------------|-------------------------------------|--|--|
| | | 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 | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556 | Flex Fit 7.5T8/COR/ 24-5CCT | Flex Fit 10.5T8/COR/ 36-5CCT | Flex Fit 12T8/COR/ 48-5CCT | FlexFit 560193, 600189 600197 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882 | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | |
| Hatch | HL232AIS/UV/HE/W | ■ Certified | | | | ■ Certified | | ■ Certified | | | | | ■ Certified | |
| Hatch | HL332AIS/UV/HE/W | ■ Certified | | ■ Certified | | ■ Certified | | ■ Certified | | | | | | |
| Hatch | HL232BIS/UV/HE/W | ■ Certified | | ■ Certified | | ■ Certified | | ■ Certified | | | | | ■ Certified | |
| Hatch | HL432BIS/UV/HE/W | ■ Certified | | ■ Certified | | ■ Certified | | ■ Certified | | | | | | |
| Hatch | HL232AIS/34/HE/W | | | ■ Certified | | | | ■ Certified | | | | | ■ Certified | |
| Hatch | HL432AIS/34/HE/W | ■ Certified | | | | ■ Certified | | ■ Certified | | | | | | |
| Accupro | AK-RC-232IP-UNV | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Accupro | AP-232IP-UNV-M | ■ Certified | | ■ Certified | | ■ Certified | | ■ Certified | | | | | ■ Certified | |
| Accupro | AP-332IP-UNV | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Howard Industries | EP2/32IS/MV/MC/HE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Howard Industries | EP4/32IS/MV/MC | | | ■ Certified | | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| Howard Industries | EP4/32IS/MV/MC/HE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| Fusion | FB232347E-N | | | | | | | | | | | | | |
| Fusion | FB232MVE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Fusion | FB432MVE-N | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Keystone | KTEB-132-UV-IS-N-P | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Keystone | KTEB-232RIS-1-TP-SL | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Keystone | KTEB-232-UV-IS-L-P | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Keystone | KTEB-232-UV-IS-N-P | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| Keystone | KTEB-332-UV-IS-L-P | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| Keystone | KTEB-332-UV-IS-N-P | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| Keystone | KTEB-432RIS-1-TP-SL | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | ■ Certified | | | | | | |
| Keystone | KTEB-432-UV-IS-N-P | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| Keystone | KTEB-432-UV-PS-N-P | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| ESPEN | VE232120HIP | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| ESPEN | VE232MVHIPE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| ESPEN | VE232MVHIPHE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| ESPEN | VE232MVHIPL | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | ■ Certified | |
| ESPEN | VE332120MIP | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| ESPEN | VE332MVHIPHE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| ESPEN | VE432120MIP | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| ESPEN | VE432MVHIPE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | ■ Certified | | | | | | |
| ESPEN | VE432MVHIPH | | | ■ Certified | | ■ Certified | ■ Certified | | | | | | | |
| ESPEN | VE432MVHIPHE | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |
| ESPEN | VE432MVHIPL | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | | | | |

1. System performance ● **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.

System performance ■ **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.

System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 InstantFit

UL/CSA classified
with the listed ballasts

| | | 14W 2100lm VLC | 7W 1050 lm (2 ft.) | 8.5W 1200 lm (3 ft.) | 9W 1200 lm (3 ft.) | 8.9W 1600 lm (4 ft.) | 9.5W 1600 lm (4 ft.) | 10W 1600 lm (4 ft.) | 10W 1800 lm (4 ft. Glass) | 10.5W 1600 lm (4ft. Glass) | 11.5W 2100 lm (4ft. Glass) | 12W 1800 lm (4 ft. Glass) | 13W 2100 lm (4 ft.) | 14W 2100 lm (4 ft.) |
|--------------|---------------------|--------------------------|--|--------------------------|--|--------------------------|--------------------------|--|------------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------|--|
| | | | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847 | | 469320, 469338 469346, 469353 469452, 469478 469460 | | | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 | | BAA | | | | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | ICN-2P13-TLED-N | | | | | ● Certified | ● Certified | | ● Certified | | | | ● Certified | |
| Advance | ICN-2P15-TLED-N | | ● Certified | ● Certified | | | | | | | ● Certified | | | |
| Advance | ICN-2P16-TLED-N | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2P16-TLED-EL-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2P16-TLED-HL-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICN-3P13-TLED-N | | | | | ● Certified | ● Certified | | ● Certified | | | | ● Certified | |
| Advance | ICN-3P15-TLED-N | | ● Certified | ● Certified | | | | | | | | | | |
| Advance | ICN-3P16-TLED-N | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICN-4P13-TLED-N | | | | | ● Certified | ● Certified | | ● Certified | | | | ● Certified | |
| Advance | ICN-4P15-TLED-N | | ● Certified | ● Certified | | | | | | | ● Certified | | | |
| Advance | ICN-4P16-TLED-N | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICN-4P16-TLED-HL-SC | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | IZT-2P15-TLED-N | | ● Certified | ● Certified | | ● Certified | | | ● Certified | | ● Certified | | ● Certified | |
| Advance | IZT-2P16-TLED-SC | | ● Certified | ● Certified | | ● Certified | | | ● Certified | ● Certified* | | ● Certified | ● Certified | ● Certified |
| Advance | IZT-3P15-TLED-N | | ● Certified | ● Certified | | ● Certified | | | ● Certified | | ● Certified | | ● Certified | |
| Advance | IZT-4P15-TLED-N | | ● Certified | ● Certified | | ● Certified | | | ● Certified | | ● Certified | | ● Certified | |
| Advance | IZT-4P16-TLED-SC | | | ● Certified | | ● Certified | ● Certified | | ● Certified | | | | ● Certified | ● Certified |

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

Non-T8 InstantFit

UL/CSA classified
with the listed ballasts

| | | T5HO 3500 lm (4 ft.) | 28W 4200lm (8ft Glass) | 30W 4200 lm (8ft Glass) | 35W 4200 lm (8ft Plastic) |
|--------------|-------------------------|----------------------------------|---------------------------|----------------------------------|----------------------------------|
| | | 467126, 467134 467142, 467159 | 580282, 580290 | 533000, 533018 533026, 533034 | 469239, 469247 469254, 469262 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | ICN-2S24-TLED-90C-N | ● Certified | | | |
| Advance | ICN-4S24-TLED-90C-2LS-G | ● Certified | | | |
| Advance | ICN-2P35-TLED-N | | ● Certified | ● Certified | ● Certified |

1. System performance ● Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.
System performance ■ Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.
2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 InstantFit

UL/CSA classified
with the listed ballasts

| | | 14W 2100 lm (4 ft. Glass) | 15.5W 2500 lm (4 ft.) | 16.5W 2500 lm (4 ft.) | 13W 2100 lm (U-Bent) ² | 13W 2100 lm (U-Bent) ² |
|--------------|---------------------|----------------------------------|----------------------------------|----------------------------------|--|--------------------------------------|
| | | 470096, 470104 470112, 470120 | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | 469379, 469387 469395, 469403 469411, 470625 | 541854, 541862 541870, 541888 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | | Performance ¹ |
| Advance | ICN-2P13-TLED-N | | | | ● Certified | ● Certified |
| Advance | ICN-2P15-TLED-N | | ● Certified | | ● Certified | ● Certified |
| Advance | ICN-2P16-TLED-N | ● Certified | ● Certified | ● Certified | | ● Certified |
| Advance | ICN-2P16-TLED-EL-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2P16-TLED-HL-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICN-3P13-TLED-N | | | | | |
| Advance | ICN-3P15-TLED-N | | ● Certified | | | |
| Advance | ICN-3P16-TLED-N | ● Certified | ● Certified | ● Certified | | |
| Advance | ICN-4P13-TLED-N | | | | | |
| Advance | ICN-4P15-TLED-N | | ● Certified | | | |
| Advance | ICN-4P16-TLED-N | ● Certified | ● Certified | ● Certified | | |
| Advance | ICN-4P16-TLED-HL-SC | ● Certified | ● Certified | ● Certified | | |
| Advance | IZT-2P15-TLED-N | ● Certified | ● Certified | | | ● Certified |
| Advance | IZT-2P16-TLED-SC | ● Certified | ● Certified | ● Certified | | ● Certified |
| Advance | IZT-3P15-TLED-N | ● Certified | ● Certified | | | |
| Advance | IZT-4P15-TLED-N | ● Certified | ● Certified | | | |
| Advance | IZT-4P16-TLED-SC | ● Certified | ● Certified | ● Certified | | |

T8 Programmed-Start

UL Type A fixed output ballasts

| | | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7W 1050 lm (2 ft.) | 8.5W 1200 lm (3 ft.) | 9W 1200 lm (3 ft.) | 8.9W 1600 lm (4 ft.) | 9.5W 1600 lm (4 ft.) | 10W 1600 lm (4 ft.) | 14W 2100 lm (4 ft.) | 13W 2100 lm (4 ft.) | 10W 1800 lm (4 ft. Glass) | 12W 1800 lm (4 ft. Glass) | 14W 2100 lm (4 ft. Glass) |
|----------------------|-----------------------|--------------------------|--------------------------|--|----------------------------------|----------------------------------|----------------------------------|--|--|--|--------------------------|--|----------------------------------|----------------------------------|
| | | BAA | BAA | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 | | 469320, 469338 469346, 469353 | | | 468264, 468272 468280, 468298 468694, 469569 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 | | 541986, 541994 553214, 553222 553230, 553248 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 |
| | | 576777, 576785 576793 | 576801, 576819 576827 | 541821, 541839 541847 | 539858, 539874 539882, 539866 | 469452, 469478 469460 | 565580, 565598 565606, 565614 | 473974, 473982 473990, 474007 540807 | 469577, 469585 469593, 473966 | 473926, 473934 473942, 473958 | | | | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | IOP-1PSP32-N | | | | | | | | | | ● Certified | | | |
| Advance | IOP-2PSP32-N | | | | | | | | | ● Certified | ● Certified | | | |
| Advance | IOP-3PSP32-SC | | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | IOP-4PSP32-SC | | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | IOP-1PSP32-LW-N | | | | | | | | | | ● Certified | | | |
| Advance | IOP-2PSP32-LW-N | | | | | | | | | ● Certified | ● Certified | | | |
| Advance | IOP-3PSP32-LW-SC | | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | IOP-4PSP32-LW-SC | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | HOP-2PSP32-HL-L | | | | | | | | | ● Certified | ● Certified | | | |
| Advance | HOP-4PSP32-HL-G | | | | | | | | | ● Certified | ● Certified | | | |
| Univ. Lighting Tech. | B232PUNVHE-B | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B332PUNVHE-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B432PUNVHE-A | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | B232PUNVHEH-A | | | | | | | | | ■ Certified | ■ Certified | | | |
| Univ. Lighting Tech. | B332PUNVHEH-A | | | | | | | | | ■ Certified | ■ Certified | | | |
| Univ. Lighting Tech. | B232PUNVEL-B | | | | | | | | | ■ Certified | ■ Certified | | | |
| Univ. Lighting Tech. | B332PUNVEL-A | | | | | | | | | ■ Certified | ■ Certified | | | |
| Univ. Lighting Tech. | B432PUNVEL-A | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-232MVPS-XL | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-332MVPS-XL | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-132MVPS-L | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-232MVPS-L | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-332MVPS-L | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-432MVPS-L | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-132MVPS-N | | | ■ 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 |
| General Electric | GE-432MVPS-N | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE-132MVPS-H | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-232MVPS-H | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-332MVPS-H | | | | | | | | | ■ Certified | ■ Certified | | | |
| General Electric | GE-432MVPS-H | | | | | | | | | ■ Certified | ■ Certified | | | |
| Osram Sylvania | QHE 1X32T8/UNV PSX-MC | | | | | | | | | | ■ Certified | | | |
| Osram Sylvania | QHE 2X32T8/UNV PSX-MC | | | | | | | | | | ■ Certified | | | |
| Osram Sylvania | QHE 3X32T8/UNV PSX-SC | | | | | | | | | ■ Certified | ■ Certified | | | |
| Osram Sylvania | QHE 4X32T8/UNV PSX-SC | | | | | | | | | ■ Certified | ■ Certified | | | |
| Osram Sylvania | QHE 1X32T8/UNV PSN-MC | | | | | | | | | ■ Certified | ■ Certified | | | |
| Osram Sylvania | QHE 2X32T8/UNV PSN-MC | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | | |

1. System performance ●Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.
System performance ■Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Programmed-Start

UL Type A fixed output ballasts

| | | 15.5W 2500 lm (4 ft.) | 16.5W 2500 lm (4 ft.) | 16W 1800 lm (4 ft.) | 13W 2100 lm (U-Bent) ² | |
|----------------------|-----------------------|----------------------------------|----------------------------------|--|--|---------|
| | | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Dimmers |
| Advance | IOP-1PSP32-N | | | ● Certified | | |
| Advance | IOP-2PSP32-N | | | ● Certified | | |
| Advance | IOP-3PSP32-SC | ● Certified | ● Certified | ● Certified | | |
| Advance | IOP-4PSP32-SC | ● Certified | ● Certified | ● Certified | | |
| Advance | IOP-1PSP32-LW-N | | | ● Certified | | |
| Advance | IOP-2PSP32-LW-N | | | | | |
| Advance | IOP-3PSP32-LW-SC | ● Certified | ● Certified | | | |
| Advance | IOP-4PSP32-LW-SC | ● Certified | ● Certified | | | |
| Advance | HOP-2PSP32-HL-L | | | ● Certified | | |
| Advance | HOP-4PSP32-HL-G | | | ● Certified | | |
| Univ. Lighting Tech. | B232PUNVHE-B | | | | | |
| Univ. Lighting Tech. | B332PUNVHE-A | | | | | |
| Univ. Lighting Tech. | B432PUNVHE-A | | | | | |
| Univ. Lighting Tech. | B232PUNVHEH-A | | | ■ Certified | | |
| Univ. Lighting Tech. | B332PUNVHEH-A | | | ■ Certified | | |
| Univ. Lighting Tech. | B232PUNVEL-B | | | ■ Certified | | |
| Univ. Lighting Tech. | B332PUNVEL-A | | | ■ Certified | | |
| Univ. Lighting Tech. | B432PUNVEL-A | | | ■ Certified | | |
| General Electric | GE-232MVPS-XL | | | ■ Certified | | |
| General Electric | GE-332MVPS-XL | | | ■ Certified | | |
| General Electric | GE-132MVPS-L | | | ■ Certified | | |
| General Electric | GE-232MVPS-L | | | ■ Certified | | |
| General Electric | GE-332MVPS-L | | | ■ Certified | | |
| General Electric | GE-432MVPS-L | | | ■ Certified | | |
| General Electric | GE-132MVPS-N | | | ■ Certified | | |
| 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 | | | ■ Certified | | |
| General Electric | GE-232MVPS-H | | | ■ Certified | | |
| General Electric | GE-332MVPS-H | | | ■ Certified | | |
| General Electric | GE-432MVPS-H | | | ■ Certified | | |
| Osram Sylvania | QHE 1X32T8/UNV PSX-MC | | | ■ Certified | | |
| Osram Sylvania | QHE 2X32T8/UNV PSX-MC | | | ■ Certified | | |
| Osram Sylvania | QHE 3X32T8/UNV PSX-SC | | | ■ Certified | | |
| Osram Sylvania | QHE 4X32T8/UNV PSX-SC | | | ■ Certified | | |
| Osram Sylvania | QHE 1X32T8/UNV PSN-MC | | | ■ Certified | | |
| Osram Sylvania | QHE 2X32T8/UNV PSN-MC | ■ Certified | ■ Certified | ■ Certified | ■ Certified | |

1. System performance ● **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.
 System performance ■ **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
 System performance blank field means consult factory.
2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Programmed-Start

UL Type A fixed output ballasts

| | | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7W 1050 lm (2 ft.) | 8.5W 1200 lm (3 ft.) | 9W 1200 lm (3 ft.) | 8.9W 1600 lm (4 ft.) | 9.5W 1600 lm (4 ft.) | 10W 1600 lm (4 ft.) | 14W 2100 lm (4 ft.) | 13W 2100 lm (4 ft.) | 10W 1800 lm (4 ft. Glass) | 12W 1800 lm (4 ft. Glass) | 14W 2100 lm (4 ft. Glass) |
|----------------|--------------------------|--------------------------|--------------------------|--|--------------------------|--|----------------------------------|--|--|--|----------------------------------|--|----------------------------------|----------------------------------|
| | | BAA | BAA | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 | | 469320, 469338 469346, 469353 | | | 468264, 468272 468280, 468298 468694, 469569 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 | | 541986, 541994 553214, 553222 553230, 553248 | 530469, 530477 530485, 530493 | 470096, 470104 470112, 470120 |
| | | 576777, 576785 576793 | 576801, 576819 576827 | 541821, 541839 541847 | | 539858, 539874 539882, 539866 469452, 469478 469460 | 565580, 565598 565606, 565614 | 473974, 473982 473990, 474007 540807 | 469577, 469585 469593, 473966 | 468652, 468660 468678, 468686 | 473926, 473934 473942, 473958 | | | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Osram Sylvania | QHE 3X32T8/UNV PSN-SC | | | ■ 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 | | | |
| Osram Sylvania | QHE5 2X32T8/UNV PSL-SC | | | | | | | | | ■ Certified | | | | |
| Osram Sylvania | QHE 2X32T8/UNV PSH-HT | ■ Certified | ■ Certified | | | | | | | ■ Certified | ■ Certified | | | |
| Osram Sylvania | QHE 3X32T8/UNV PSH-HT-SC | | | | | | | | | ■ Certified | ■ Certified | | | |
| Osram Sylvania | QHE 4X32T8/UNV PSH-HT | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL232APS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL332APS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL432APS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL232BPS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL332BPS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL432BPS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL232CPS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |
| Hatch | HL332CPS/UV/HE/W | | | | | | | | | ■ Certified | ■ Certified | | | |

T8 Programmed-Start

Dimmable ballasts

| | | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7 W 1050 lm (2 ft.) | 8.5 W 1200 lm (3 ft.) | 8.9 W 1600 lm (4 ft.) | 9.5 W 1600 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 13 W 2100 lm (4 ft.) | 15.5 W 2500 lm (4 ft.) | 10 W 1800 lm (4 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 13W 2100 lm (U-Bent) ² | |
|------------------|----------------|--------------------------|--------------------------|--|--------------------------|----------------------------------|--|--|--------------------------|----------------------------------|--|----------------------------------|--|---|
| | | BAA | BAA | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 | | 565580, 565598 565606, 565614 | 473974, 473982 473990, 474007 540807 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 | | 545178, 533372 545194, 545200 | 541986, 541994 553214, 553222 553230, 553248 | 470096, 470104 470112, 470120 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 | |
| | | 576777, 576785 576793 | 576801, 576819 576827 | 541821, 541839 541847 | | | 540807 | 468652, 468660 468678, 468686 | | | | | | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Dimmers |
| Advance | IZT-2S32-SC | | | | | | | | | | | | | Use Compatible 0-10V |
| Advance | IZT-4S32 | | | | | | | | | | | | | Use Compatible 0-10V |
| Advance | REZ-132-SC | | | | | | | ● Certified | ● Certified | | | | | Lightolier - V1500EBUW Lutron - MRF2-6ND-120 |
| Advance | REZ-2S32-SC | | | | | | | ● Certified | ● Certified | | | | | Lightolier - V1500EBUW Lutron - MRF2-6ND-120 |
| Advance | REZ-3S32-SC | | | | | | | ● Certified | ● Certified | | | | | Lightolier - V1500EBUW Lutron - MRF2-6ND-120 |
| General Electric | GE132MVPSN-V03 | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | Use Compatible 0-10V |
| General Electric | GE232MVPSN-V03 | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | Use Compatible 0-10V |
| General Electric | GE332MVPSN-V03 | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | Use Compatible 0-10V |
| General Electric | GE432MVPSN-V03 | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | Use Compatible 0-10V |
| General Electric | GE232MVPSH-V03 | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | Use Compatible 0-10V |
| General Electric | GE332MVPSH-V03 | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | Use Compatible 0-10V |
| General Electric | GE432MVPSH-V03 | | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | Use Compatible 0-10V |

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System performance ■ **Certified** means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Programmed-Start

UL Type A fixed output ballasts

| | | 15.5W 2500 lm (4 ft.) | 16.5W 2500 lm (4 ft.) | 16W 1800 lm (4 ft.) | 13W 2100 lm (U-Bent) ² | |
|----------------|--------------------------|----------------------------------|----------------------------------|--|--|---------|
| | | | | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556 | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 | |
| | | 545178, 533372 545194, 545200 | 463133, 463141 463158, 468892 | | | |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Dimmers |
| 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 | | | | | |
| Osram Sylvania | QHE 2X32T8/UNV PSH-HT | | | ■ Certified | | |
| Osram Sylvania | QHE 3X32T8/UNV PSH-HT-SC | | | ■ Certified | | |
| Osram Sylvania | QHE 4X32T8/UNV PSH-HT | | | ■ Certified | | |
| Hatch | HL232APS/UV/HE/W | | | ■ Certified | | |
| Hatch | HL332APS/UV/HE/W | | | ■ Certified | | |
| Hatch | HL432APS/UV/HE/W | | | ■ Certified | | |
| Hatch | HL232BPS/UV/HE/W | | | ■ Certified | | |
| Hatch | HL332BPS/UV/HE/W | | | ■ Certified | | |
| Hatch | HL432BPS/UV/HE/W | | | ■ Certified | | |
| Hatch | HL232CPS/UV/HE/W | | | ■ Certified | | |
| Hatch | HL332CPS/UV/HE/W | | | ■ Certified | | |

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System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 / T12 8' Slimline ballasts

| | | 28W 4200lm (8ft Glass) | 35W 4200 lm (8ft Plastic) | 30W 4200 lm (8ft Glass) |
|----------------------------------|-----------------------|---------------------------|----------------------------------|----------------------------------|
| | | 580282, 580290 | 469239, 469247 469254, 469262 | 533000, 533018 533026, 533034 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | IOP-2P59-N | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2P60-N | ● Certified | ● Certified | ● Certified |
| General Electric | GE259MAX-L/ULTRA | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE259MAXP-N/ULTRA | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE-259-MV-N 30194 | | ■ Certified | ■ Certified |
| General Electric | GE259MAX-G-N 74469 | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE259MAXP-N-DIY 23954 | ■ Certified | ■ Certified | ■ Certified |
| Howard Industries | EP2/59IS/MV/MC/HE | | ■ Certified | ■ Certified |
| Howard Industries | E2/75IS-120MC | | ■ Certified | ■ Certified |
| Fulham | WH5-277-L | | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B260IUNVHP | | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B260I120M-A | ■ Certified | ■ 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 CV | EIO-260-MC | ■ Certified | ■ Certified | ■ Certified |
| Industrias Sola Basics S A DE CV | EOI-230/32-MC | ■ Certified | ■ Certified | ■ Certified |

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T12 Electronic ballasts

| | | 13 W 2100 lm (4 ft.) | 14 W 2100 lm (4 ft.) | 16 W 1800 lm (4 ft.) |
|--------------|---------------|----------------------------------|--|--|
| | | 473926, 473934 473942, 473958 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | ICN-2S40-N | ● Certified | ● Certified | ● Certified |
| Advance | RELB-2S40-N | ● Certified | ● Certified | ● Certified |

T12 Rapid-Start Magnetic ballasts

| | | 20 W 2100 lm (4 ft.) | 16 W 1800 lm (4 ft.) |
|----------------------------------|------------------------|--------------------------|--|
| | | 463117, 463125 | UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ |
| Advance | R-140-1-TP | ● Certified | ● Certified |
| Advance | X-140-TP | ● Certified | ● Certified |
| Advance | R-2S40-1-TP | ● Certified | ● Certified |
| Advance | XQM-2S40-TP | ● Certified | ● Certified |
| Advance | V-2S40-1-TP | ● Certified | ● Certified |
| Advance | RQM-2S40-3-TP | ● Certified | ● Certified |
| Advance | R-2S34-TP-5 | ● Certified | ● Certified |
| Advance | V-2S34-TP | ● Certified | ● Certified |
| Advance | RM-2S35-TP | ● Certified | ● 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 |
| Universal Lighting Tech. | 412-L-SLH-TC-P | ■ Certified | ■ Certified |
| Universal Lighting Tech. | 458-L-SLH-TC-P | ■ Certified | ■ Certified |
| Universal Lighting Tech. | 540-L-TC-P | ■ Certified | ■ Certified |
| Universal Lighting Tech. | CAT.NO.446-L-LH-TC-P-7 | ■ Certified | ■ Certified |
| Universal Lighting Tech. | 443-L-SLH-TC-P | ■ Certified | ■ Certified |
| Universal Lighting Tech. | 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 CV | E420-F-234 IC -1 | ■ Certified | ■ Certified |
| Radionic Industries Inc. | CAT.NO.ES240HTP | ■ Certified | ■ Certified |

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T5 HO ballasts

| Manufacturer | Ballast Model | Performance ¹ | | |
|--------------------------|-------------------------|--------------------------|--------------------------|----------------------------------|
| | | 580225 | 576710, 576736 576744 | 467126, 467134 467142, 467159 |
| Advance | ICN-2S54-N | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2S54-90C-N | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2S54-T | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2S54-90C-T | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2S54-N(L) | ● Certified | ● Certified | ● Certified |
| Advance | ICN-4S54-90C-2LS-G | ● Certified | ● Certified | ● Certified |
| Advance | HCN-2S54-90C-WL | ◆ Flashing | ◆ Flashing | ◆ Flashing |
| Advance | HCN-4S54-90C-2LS-G | ◆ Flashing | ◆ Flashing | ◆ Flashing |
| Advance | IZT-2S54-D | ● Certified | ● Certified | ● Certified |
| Advance | IZT-1S4-D | ● Certified | ● Certified | ● Certified |
| Advance | REZ-2S54 | ● Certified | ● Certified | ● Certified |
| General Electric | GE254MVPS-A | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE254MVPS-D | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE454MVPS90-E-S | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE454MVPS90-F | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE454MVPS90-G | ■ Certified | ■ Certified | ■ Certified |
| General Electric | GE254MVPS90-A | ■ Certified | ■ Certified | ■ Certified |
| Osram Sylvania | QHE 2x54T5HO/UNV PSN | ■ Certified | ■ Certified | ■ Certified |
| Osram Sylvania | QHE 2x54T5HO/UNV PSN HT | ■ Certified | ■ Certified | ■ Certified |
| Osram Sylvania | QHE 2x54T5HO/UNV PSN(L) | ■ Certified | ■ Certified | ■ Certified |
| Osram Sylvania | QTP 2X54T5HO/UNV PSN HT | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B254PUNV-D | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B254PUNVHB-D | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B454PUNV-E | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B454PUNVHB-E | ■ Certified | ■ Certified | ■ Certified |
| Hatch | HL454HO/PS/UV/W | ■ Certified | ■ Certified | ■ Certified |
| Hatch | HL254HO/PS/UV/W | ■ Certified | ■ Certified | ■ Certified |
| ESPEEN | VE254MVHRP | ■ Certified | ■ Certified | ■ Certified |
| ESPEEN | VE454MVHRP | ■ Certified | ■ Certified | ■ Certified |
| Fulham | RHA-UNV-254-LT5 | ■ Certified | ■ Certified | ■ Certified |
| Fulham | RHA-UNV-454-LT5 | ■ Certified | ■ Certified | ■ Certified |
| Keystone Inc. | KTEB-254HO-UV-PS-SL | ■ Certified | ■ Certified | ■ Certified |
| Keystone Inc. | KTEB-454HO-UV-TP-PS | ■ Certified | ■ Certified | ■ Certified |
| Sunpark | U-2/54T5HO | ■ Certified | ■ Certified | ■ Certified |
| MAGG | 2x54W LFL T5 AFP | ■ Certified | ■ Certified | ■ Certified |

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T5 HE ballasts

| Manufacturer | Ballast Model | Performance ¹ | | | | | |
|--------------------------|-------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | | 8 W 1050 lm (2 ft. Glass) | 11 W 1500 lm (3 ft. Glass) | 14 W 2100 lm (4 ft. Glass) | 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 | 476416, 476424 476432, 476440 | 476457, 476465 476473, 476481 | 476499, 476507 476515, 476523 |
| Advance | ICN-2S24-N | ● Certified | ● Certified | | ● Certified | ● Certified | |
| Advance | ICN-2S24-T | ● Certified | ● Certified | | ● Certified | ● Certified | |
| Advance | ICN-2S28-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICN-2S28-T | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | GCN-2S28-L | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | IZT-128-D | ● Certified | ● Certified | ● Certified | | | |
| Advance | IZT-2S28-D | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Osram Sylvania | QHE 2X39-24T5HO/UNV PSN | ■ Certified | ■ Certified | | ■ Certified | ■ Certified | |
| Osram Sylvania | QTP 2X28T5/UNV PSN | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Osram Sylvania | QHE 2X28T5/UNV PSN | ■ Certified* | ■ Certified* | ■ Certified | ■ Certified* | ■ Certified* | ■ Certified |
| General Electric | GE228MVPS-MC | ■ Certified* | ■ Certified* | ■ Certified* | ■ Certified* | ■ Certified* | ■ Certified* |
| General Electric | GE228MVPS-MC-H | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B224PUNV-C | ■ Certified | ■ Certified | | ■ Certified | ■ Certified | |
| Universal Lighting Tech. | B228PUNV-C | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B228PUNV-N | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B228PUNV85-D | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Universal Lighting Tech. | B239PUNV-D | ■ Certified* | ■ Certified* | | ■ Certified* | ■ Certified* | |
| Keystone | KTEB-228HE-UV-PS | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Keystone | KTEB-228HE-UV-PS-SL | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Fulham | RHA-UNV-228-LT5 | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |
| Robertson | PSA228T5MV | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified |

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

Emergency

Please contact the emergency ballast manufacturer for wiring diagrams

Emergency

Please contact the emergency ballast manufacturer for wiring diagrams

| | | | 10.5W 1650 lm (4 ft.) | 14.5W 2200 lm (4 ft.) | 7W 1050 lm (2 ft.) | 9W 1200 lm (3 ft.) | 8.9W 1600 lm (4 ft.) | 9.5W 1600 lm (4 ft.) | 10W 1600 lm (4 ft.) | 14W 2100 lm (4 ft.) | 13W 2100 lm (4 ft.) | 14W 2100 lm (4 ft. Glass) | 10W 1800 lm (4 ft. Glass) | 12W 1800 lm (4 ft. Glass) |
|------------------|--------------------------------|------------|--------------------------|--------------------------|--|--|--|--|--|--|----------------------------------|----------------------------------|--|----------------------------------|
| | | | BAA | BAA | 469270, 469288 469296, 469304 469429, 469445 469437, 541813 | 469320, 469338 469346, 469353 469452, 469478 469460, 539858 | 469320, 469338 469346, 469353 469452, 469478 469460, 539858 | 473974, 473982 473990, 474007 540807 | 468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 469627, 469635 | 468306, 468314 468322, 468330 469061, 469619 469627, 469635 | 473926, 473934 473942, 473958 | 470096, 470104 470112, 470120 | 541986, 541994 553214, 553222 553230, 553248 | 530469, 530477 530485, 530493 |
| Manufacturer | Ballast Model | # of lamps | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Bodine | (new) B50 (12NC: 913702456401) | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | B50CT | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | PTB15D | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | PEL12 | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | LP600 | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | LP600STU | 1 | Inadvisable | Inadvisable | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Chloride | DEB-6LP | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | I-320 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | I-1605 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | I-162 | 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | ISL-54 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | ISL-540 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham Co., Inc | FH7-UNV-500L | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham Co., Inc | FH11-UNV-750L-xx | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham Co., Inc | FH12-UNV-1400K-xx | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |

Emergency PL-C / T 4-pin

UL/CSA classified with listed drivers

| | | | Vertical lamp 18W/26W | Horizontal lamp 18W/26W | Vertical lamp 32W | Horizontal lamp 32W | Vertical lamp 32W | Horizontal lamp 32W |
|--------------|----------------|------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | | | 458406, 458414 458422, 458430 | 458364, 458372 458380, 458398 | 476101, 476119 476127, 476135 | 476069, 476077 476085, 476093 | 476101, 476119 476127, 476135 | 476069, 476077 476085, 476093 |
| Manufacturer | Ballast Model | # of lamps | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Iota | I-42 | 1 or 2 | | ● Certified | | ● Certified | | ● Certified |
| Iota | I-420 | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota | I-420 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota | I-160 | 1 | ● Certified | | ● Certified | | ● Certified | |
| Iota | I-160 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham | FH11-UNV-750L | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham | FH12-UNV-1400L | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |

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System performance ■ Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.

Emergency

Please contact the emergency ballast manufacturer for wiring diagrams

| | | | 17W 2100 lm (4 ft. Glass) | 16.5W 2500 lm (4 ft.) | 13W 2100 lm (U-Bent)3 | T5 HO | T5 HE |
|------------------|--------------------------------|------------|--|--------------------------|--|----------------------------------|----------------------------------|
| | | | 456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790 | | 469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 | 467126, 467134 467142, 467159 | 476499, 476507 476515, 476523 |
| Manufacturer | Ballast Model | # of lamps | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Bodine | (new) B50 (12NC: 913702456401) | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | B50CT | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | PTB15D | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | PEL12 | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | LP600 | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Bodine | LP600STU | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Chloride | DEB-6LP | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | I-320 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | I-1605 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | I-162 | 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | ISL-54 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Iota Engineering | ISL-540 | 1 or 2 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham Co., Inc | FH7-UNV-500L | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham Co., Inc | FH11-UNV-750L-xx | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Fulham Co., Inc | FH12-UNV-1400K-xx | 1 | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |

PL-L

| | | 16.5 W 2100 lm (PL-L 2 ft.) | 16.5 W 2300 lm (PL-L 2 ft.) |
|------------------|-------------------------|--------------------------------|--------------------------------|
| | | 456632, 456640, 456657 | 532895, 532903, 532911 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ |
| Advance | ICN-1TTP40-SC | ● Certified | ● Certified |
| Advance | ICN-2TTP40-SC | ● Certified* | ● Certified* |
| Advance | ICN-3TTP40-SC | ● Certified | |
| Advance | ICN-2S24-N | | ● Certified |
| Advance | ICN-2S24-T | | ● Certified |
| Advance | ICN-2S39-N | | ● Certified |
| Advance | ICN-2S39-T | | ● Certified |
| Advance | ICF-2S42-M2-BS | | ● Certified |
| Advance | ICF-2S42-M2-LD | | ● Certified |
| Advance | ICF-2S42-90C-M2-BS | | ● Certified |
| Advance | ICF-2S42-90C-M2-LD | | ● Certified |
| Advance | IZT-2TTS40-SC | | ● Certified |
| General Electric | GE140MAX-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 | QHE1X40DL/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(1) lamp 277V operation.

PL-C / T 4-pin

UL/CSA classified
with listed drivers

| | | 16W 1850lm Flex Fit 16PL-C/T/ COR/42HV- 5CCT 9290038073 (589788) | Vertical lamp 10.5W 458406, 458414 458422, 458430 | Horizontal lamp 8.5W 458364, 458372 458380, 458398 | Vertical lamp 12W 476101, 476119 476127, 476135 | Horizontal lamp 12W 476069, 476077 476085, 476093 | Vertical lamp 5.5W 532432, 532440 532457, 532465 | Horizontal lamp 5.5W 532390, 532408 532416, 532424 |
|------------------|--------------------|--|--|---|--|--|---|---|
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | ICF-2S13-M1-BS | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICF-2S13-H1-LD | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICF-2S13-M1-BS-QS | | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | ICF-2S26-H1-LD | ● Certified | ● Certified | ● Certified* | ● Certified | ● Certified* | | |
| Advance | ICF-2S26-M1-BS | | ● Certified | ● Certified* | ● Certified | ● Certified* | | |
| Advance | ICF-2S26-M1-BS-QS | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | ICF-2S18-H1-LD | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | ICF-2S18-M1-BS | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | ICF-2S18-M1-BS-QS | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | ICF-2S42-M2-LD | ● Certified | ● Certified | ● Certified | ● Certified** | ● Certified** | | |
| Advance | ICF-2S42-M2-BS | | ● Certified | ● Certified | ● Certified** | ● Certified** | | |
| Advance | ICF-2S42-90C-M2-BS | | ● Certified | ● Certified | ● Certified** | ● Certified** | | |
| Advance | ICF-2S42-90C-M2-LD | | ● Certified | ● Certified | ● Certified** | ● Certified** | | |
| Advance | IZT-2S26-M5-LD | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | REB-113-M6-EL | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | REB-113-M6-BLS | | | | | | ● Certified | ● Certified |
| Advance | REB-118-M6-BLS | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | REB-2S18-M6-EL | | ● Certified | ● Certified | ● Certified | ● Certified | | |
| Advance | REB-126-M6-BLS | | ● Certified | ● Certified | ● Certified | ● 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 | | |

1. System performance ● Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.
System performance ■ Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp manufacturer only.
System performance blank field means consult factory.

* 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 4-pin

UL/CSA classified
with listed drivers

| | | 16W 1850lm Flex Fit 16PL-C/T/ COR/42HV- 5CCT 9290038073 (589788) | Vertical lamp 10.5W | Horizontal lamp 8.5W | Vertical lamp 12W | Horizontal lamp 12W | Vertical lamp 5.5W | Horizontal lamp 5.5W |
|----------------------|-----------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Univ. Lighting Tech. | C213UNVME | | | | | | ■ Certified | ■ Certified |
| Univ. Lighting Tech. | C218UNVME | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Univ. Lighting Tech. | C2642UNVME | ● Certified | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Univ. Lighting Tech. | C242UNVME | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Univ. Lighting Tech. | C218UNVBE | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Univ. Lighting Tech. | C2642UNVBE | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Osram Sylvania | QTP 1/2X18CF/UNV DM | | ■ Certified | ■ Certified | ■ Certified | ■ Certified | | |
| Osram Sylvania | QTP2x26CF/UNV | ● Certified | ■ 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 | ■ Certified | | |
| Keystone | KTEB-226-UV-RS-DW | ● Certified | ■ 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 | RED1L10-120H | | ■ 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 | | | | | | | |
| 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 |

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System performance blank field means consult factory.

PL-S / C 2-pin

UL/CSA classified
with the listed ballasts

| | | Horizontal lamp PLS 5W | Vertical lamp PLC 5W | Horizontal lamp PLC 5W |
|--------------|-----------------|---------------------------|--------------------------|---------------------------|
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | VH-1B13-TP-W | ● Certified | ● Certified | ● Certified |
| Advance | H-1B13-TP-W | ● Certified | ● Certified | ● Certified |
| Advance | VLO-13-TP | ● Certified | ● Certified | ● Certified |
| Advance | H-2B13-TP-BLS | ● Certified | ● Certified | ● Certified |
| Advance | LC-13-TP | ● Certified | ● Certified | ● Certified |
| Robertson | S1P | ■ Certified | ■ Certified | ■ Certified |
| Robertson | O1527P(3P10104) | ■ Certified* | ■ Certified* | ■ Certified* |
| Robertson | HP213P(3P10073) | ■ Certified | ■ Certified | ■ Certified |

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System performance blank field means consult factory.

LATAM T8 ballasts

| | | 7W 1150 lm (2 ft.) | 10W 1600lm (4 ft.) | 13W 2100lm (4 ft.) | 17W 2100lm (4 ft.) | 13W 2100lm (U-Bent) ² |
|----------------|-----------------------|------------------------------|------------------------------|------------------------------|--------------------------|--|
| | | 929001311004 929001311104 | 929001397404 929001397504 | 929001397804 929001397904 | 929001343503 | 929001311804 929001311904 929001312004 929001312104 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ | Performance ¹ |
| Advance | ICN-2P32-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | RES-2P32-N | ● Certified | ● Certified | ● Certified | ● Certified | ● Certified |
| Advance | REM-2P32-N | ● Certified | ● Certified | ● Certified | ● Certified | ● 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 | EI8-232 | ■ 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

| | | 13W 1600lm (4 ft.) | 26W 3200lm (8 ft.) |
|----------------|----------------|--------------------------|--------------------------|
| | | 929001273412 | 929001273612 |
| Manufacturer | Ballast Model | Performance ¹ | Performance ¹ |
| Advance | ICN-2P59-N | ● Certified | ● Certified |
| Advance | REL-275-N | ● Certified | ● Certified |
| Advance | REL-239-N | ● Certified | ● Certified |
| ISB Sola Basic | 758-U-259-SC | ■ Certified | ■ Certified |
| ISB Sola Basic | 12-EI-139 | ■ Certified | ■ Certified |
| ISB Sola Basic | EI0-230/232-MC | ■ Certified | ■ Certified |
| ISB Sola Basic | 758-259-SC | ■ Certified | ■ Certified |
| ISB Sola Basic | EI0-U-260-SC | ■ Certified | ■ Certified |
| ISB Sola Basic | EI0-260-MC | ■ Certified | ■ Certified |

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