



**BALLAST/DRIVER**

**COMPATIBILITY GUIDE**



## ABOUT THIS GUIDE

This ballast compatibility chart is for guidance when selecting a ballast and lamp combination. Check back often for updates. Ballasts that do not appear on the chart might still be compatible but have not been tested. If the ballast you are looking for is not on this list, please contact us, and we will make every effort to evaluate compatibility. For ballasts known to be more than 5 years old, EiKO recommends replacing ballast before installation. All testing has been performed with a stable main supply. EiKO lamp compatibility is determined when the ballast turns on the LED lamp and the electrical characteristics of the LED lamp are stable and within designed operating specifications. The quality of the local main and existing installation and wiring may affect lamp performance. Ballasts test are performed with a specific manufacturing date code. Older ballasts, with the same model numbers may have different electronic designs and compatibility may vary. Newer ballasts, with the same model number, may have revisions that affect compatibility. Compatibility may also be available beyond this list. EiKO recommends testing a few fixtures, even if the ballast is on this compatibility list, to ensure compatibility and performance. All data is subject to change.

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# PL LAMP - TYPE A

VERTICAL, HORIZONTAL,  
AND OMNIDIRECTIONAL

## EIKO MODEL #S - PL LAMP TYPE A: 6W VERTICAL

|                        |                        |
|------------------------|------------------------|
| L6WPLC/A/835/UD/G24Q/V | L6WPLC/A/840/UD/G24Q/V |
|------------------------|------------------------|

### PL LAMP TYPE A: 6W VERTICAL

| BALLAST/DRIVER BRAND     | PART #              | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|--------------------------|---------------------|--------------|---------|---------|---------|---------|
|                          |                     |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Hatch                    | HC213PS/UV/D        | PS           | C       | C       | C       | C       |
| Howard Lighting          | EP2/13CF/MV/2       | PS           | NC      | NC      | NC      | NC      |
| Philips-Advance          | ICF-2S13-M1-BS-QS   | PS           | C       | C       | C       | C       |
| Philips-Advance          | ICF-2S18-M1-BS-QS   | PS           | C       | NC      | C       | C       |
| Philips-Advance          | ICF-2S18-H1-LD      | PS           | C       | C       | C       | C       |
| Philips-Advance          | IZT-2S26-M5-BS      | PS/DIM       | NC      | NC      | NC      | NC      |
| Philips-Advance          | IZT-2S26-M5-LD      | PS/DIM       | NC      | NC      | NC      | NC      |
| Sylvania                 | QTP 1/2x13CF/UNV DM | PS           | C       | C       | C       | C       |
| Sylvania                 | QTP 2x26CF/UNV DM   | PS           | NC      | NC      | C       | C       |
| Triad/Universal Lighting | C213UNVBES          | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C213UNVME           | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C218UNVME           | PS           | C       | C       | C       | C       |

## EIKO MODEL #S - PL LAMP TYPE A: 6W HORIZONTAL

|                         |                         |
|-------------------------|-------------------------|
| L6WPLC/A/835/UD/G24Q/HR | L6WPLC/A/840/UD/G24Q/HR |
|-------------------------|-------------------------|

### PL LAMP TYPE A: 6W HORIZONTAL

| BALLAST/DRIVER BRAND     | PART #              | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|--------------------------|---------------------|--------------|---------|---------|---------|---------|
|                          |                     |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Hatch                    | HC213PS/UV/D        | PS           | C       | C       | C       | C       |
| Howard Lighting          | EP2/13CF/MV/2       | PS           | C       | C       | C       | C       |
| Philips-Advance          | ICF-2S13-M1-BS-QS   | PS           | C       | C       | C       | C       |
| Philips-Advance          | ICF-2S18-M1-BS-QS   | PS           | C       | NC      | C       | C       |
| Philips-Advance          | ICF-2S18-H1-LD      | PS           | C       | NC      | C       | C       |
| Philips-Advance          | IZT-2S26-M5-BS      | PS/DIM       | C       | C       | C       | C       |
| Philips-Advance          | IZT-2S26-M5-LD      | PS/DIM       | C       | C       | C       | C       |
| Sylvania                 | QTP 1/2x13CF/UNV DM | PS/DIM       | C       | C       | C       | C       |
| Sylvania                 | QTP 2x26CF/UNV DM   | PS/DIM       | NC      | NC      | C       | C       |
| Triad/Universal Lighting | C213UNVBES          | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C213UNVME           | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C218UNVME           | PS           | C       | C       | C       | C       |

## EIKO MODEL #S - PL LAMP TYPE A: 7W OMNIDIRECTIONAL

|                        |                        |
|------------------------|------------------------|
| L7WPLC/A/835/UD/G24Q/O | L7WPLC/A/840/UD/G24Q/O |
|------------------------|------------------------|

### PL LAMP TYPE A: 7W OMNIDIRECTIONAL

| BALLAST/DRIVER BRAND | PART #          | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|-----------------|--------------|---------|---------|---------|---------|
|                      |                 |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Fulham Pony          | NPY-120-113-CFL | PS           | NC      | NC      | NC      | NC      |
| Hatch                | HC213PS/UV/D    | PS           | C       | C       | C       | C       |

### LEGEND

|           |               |           |               |           |                  |           |                |               |                               |           |                |          |        |          |      |
|-----------|---------------|-----------|---------------|-----------|------------------|-----------|----------------|---------------|-------------------------------|-----------|----------------|----------|--------|----------|------|
| <b>IS</b> | Instant Start | <b>PH</b> | Preheat Start | <b>PS</b> | Programmed Start | <b>RS</b> | Rapid Start    | <b>PS/DIM</b> | Programmed Start and Dimmable | <b>L</b>  | Low            | <b>N</b> | Normal | <b>H</b> | High |
| <b>NT</b> | Not Tested    | <b>T</b>  | THD > 30%     | <b>P</b>  | PF < 0.85        | <b>NA</b> | Not Applicable | <b>C</b>      | Compatible                    | <b>NC</b> | Not Compatible |          |        | EIKO.COM |      |

## PL LAMP TYPE A: 7W OMNIDIRECTIONAL

| BALLAST/DRIVER BRAND | PART #                     | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|----------------------------|--------------|---------|---------|---------|---------|
|                      |                            |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Howard Lighting      | EP2/13CF/MV/2              | PS           | C       | NC      | C       | C       |
| Keystone             | KTEB-213-UV-RS-DW          | PS           | NC      | NC      | NC      | NC      |
| Philips - Advance    | ICF-2S13-M1-BS-QS          | PS           | C       | C       | C       | C       |
| Philips - Advance    | ICF-2S18-M1-BS-QS          | PS           | C       | C       | C       | C       |
| Philips - Advance    | ICF-2S18-H1-LD (Calibrate) | PS           | C       | C       | C       | C       |
| Philips - Advance    | IZT-2S26-M5-BS             | PS           | NC      | NC      | NC      | NC      |
| Philips - Advance    | IZT-2S26-M5-LD             | PS           | NC      | NC      | NC      | NC      |
| Sylvania             | QTP 1/2x13CF/UNV DM        | PS           | C       | C       | C       | C       |
| Sylvania             | QTP 2x26CF/UNV DM          | PS           | NC      | NC      | NC      | NC      |
| Triad                | C213UNVBES                 | PS           | C       | C       | C       | C       |
| Triad                | C213UNVME                  | PS           | C       | C       | C       | C       |
| Triad                | C218UNVME                  | PS           | C       | C       | C       | C       |

## EIKO MODEL #S - PL LAMP TYPE A: 9.5W VERTICAL

|                            |                          |                          |
|----------------------------|--------------------------|--------------------------|
| L9.5WPLC/A/8FCCT/UD/G24Q/V | L9.5WPLC/A/835/UD/G24Q/V | L9.5WPLC/A/840/UD/G24Q/V |
|----------------------------|--------------------------|--------------------------|

## PL LAMP TYPE A: 9.5W VERTICAL

| BALLAST/DRIVER BRAND     | PART #                  | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|--------------------------|-------------------------|--------------|---------|---------|---------|---------|
|                          |                         |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Hatch                    | HC213PS/UV/D            | PS           | C       | C       | NC      | NC      |
| Hatch                    | HC226PS/UV/D            | PS           | C       | C       | NC      | NC      |
| Hatch                    | HC242PS/UV/D            | PS           | C       | C       | NC      | NC      |
| Howard Lighting          | EP2/13CF/MV/2           | PS           | C       | C       | NC      | NC      |
| Howard Lighting          | EP2/18CF/MV/2           | PS           | C       | C       | NC      | NC      |
| Howard Lighting          | EP2/26CF/MV/2           | PS           | C       | C       | NC      | NC      |
| Howard Lighting          | EP2/42CF/MV/2           | PS           | C       | C       | NC      | NC      |
| Philips - Advance        | ICF-2S13-M1-BS-QS       | PS           | C       | C       | NC      | NC      |
| Philips - Advance        | ICF-2S18-H1-LD          | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S18-M1-BS-QS       | PS           | C       | C       | NC      | NC      |
| Philips - Advance        | ICF-2S26-H1-LD          | PS           | C       | C       | NC      | NC      |
| Philips - Advance        | ICF-2S26-H1-LD-QS       | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S26-M1-BS-QS       | PS           | C       | C       | NC      | NC      |
| Philips - Advance        | ICF-2S42-M2-LD          | PS           | C       | C       | C       | C       |
| Philips - Advance        | IZT-2S26-M5-BS          | PS/DIM       | C       | C       | C       | C       |
| Philips - Advance        | IZT-2S26-M5-LD          | PS/DIM       | C       | C       | C       | C       |
| Philips - Advance        | IZT-2T42-M5-BS          | PS/DIM       | NC      | NC      | C       | C       |
| Philips - Advance        | IZT-2T42-M5-LD          | PS/DIM       | NC      | NC      | C       | C       |
| Philips - Advance        | VEZ-1T42-M2-BS          | PS           | NC      | C       | NC      | NC      |
| Sola                     | E-724-U-226-M1-S        | PS           | C       | C       | NC      | NC      |
| Sylvania                 | QTP 1/2x18CF/UNV        | PS           | C       | C       | NC      | NC      |
| Sylvania                 | QTP 2x26CF/UNV DM       | PS           | C       | C       | NC      | NC      |
| Sylvania                 | QTP 2x26/32/42CF/UNV DM | PS           | C       | C       | NC      | NC      |
| Triad/Universal Lighting | C213UNVBES              | PS           | C       | NC      | NC      | NC      |
| Triad/Universal Lighting | C218UNVME               | PS           | C       | C       | NC      | NC      |
| Triad/Universal Lighting | C218UNVBE               | PS           | C       | C       | NC      | NC      |
| Triad/Universal Lighting | C2642UNVME              | PS           | C       | C       | NC      | NC      |
| Triad/Universal Lighting | C2642UNVBE              | PS           | C       | C       | NC      | NC      |

## EIKO MODEL #S - PL LAMP TYPE A: 9.5W HORIZONTAL

|                             |                           |                           |
|-----------------------------|---------------------------|---------------------------|
| L9.5WPLC/A/8FCCT/UD/G24Q/HR | L9.5WPLC/A/835/UD/G24Q/HR | L9.5WPLC/A/840/UD/G24Q/HR |
|-----------------------------|---------------------------|---------------------------|

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|--------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C      | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

## PL LAMP TYPE A: 9.5W HORIZONTAL

| BALLAST/DRIVER BRAND     | PART #                  | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|--------------------------|-------------------------|--------------|---------|---------|---------|---------|
|                          |                         |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Fulham                   | RHA-UNV-213-C           | PS           | NC      | NC      | NC      | C       |
| Fulham                   | RHA-UNV-226-C           | PS           | NC      | NC      | NC      | C       |
| Fulham                   | RHA-UNV-242-C           | PS           | NC      | NC      | NC      | C       |
| Fulham                   | WH2-277-L               | PS           | NC      | C       | NC      | C       |
| Fulham                   | WH3-277-L               | PS           | NC      | C       | NC      | C       |
| Fulham                   | WH4-277-L               | PS           | NC      | C       | NC      | C       |
| Hatch                    | HC213PS/UV/D            | PS           | C       | C       | C       | C       |
| Hatch                    | HC226PS/UV/D            | PS           | C       | C       | C       | C       |
| Hatch                    | HC242PS/UV/D            | PS           | C       | C       | NC      | NC      |
| Howard Lighting          | EP2/13CF/MV/2           | PS           | C       | C       | C       | C       |
| Howard Lighting          | EP2/18CF/MV/2           | PS           | C       | C       | C       | C       |
| Howard Lighting          | EP2/26CF/MV/2           | PS           | C       | C       | C       | C       |
| Howard Lighting          | EP2/42CF/MV/2           | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S13-M1-BS-QS       | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S18-H1-LD          | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S18-M1-BS-QS       | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S26-H1-LD          | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S26-H1-LD-QS       | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S26-M1-BS-QS       | PS           | C       | C       | C       | C       |
| Philips - Advance        | ICF-2S42-M2-LD          | PS           | C       | C       | C       | C       |
| Philips - Advance        | IZT-2S26-M5-BS          | PS/DIM       | C       | C       | C       | C       |
| Philips - Advance        | IZT-2S26-M5-LD          | PS/DIM       | C       | C       | C       | C       |
| Philips - Advance        | IZT-2T42-M5-BS          | PS/DIM       | NC      | NC      | C       | C       |
| Philips - Advance        | IZT-2T42-M5-LD          | PS/DIM       | NC      | NC      | C       | C       |
| Philips - Advance        | VEZ-1T42-M2-BS          | PS           | NC      | C       | NC      | NC      |
| Sola                     | E-724-U-226-M1-S        | PS           | C       | NC      | C       | NC      |
| Sylvania                 | QTP 1/2x13CF/UNV DM     | PS           | C       | C       | C       | C       |
| Sylvania                 | QTP 1/2x18CF/UNV        | PS           | C       | C       | C       | C       |
| Sylvania                 | QTP 2x26CF/UNV DM       | PS           | C       | C       | C       | C       |
| Sylvania                 | QTP 2x26/32/42CF/UNV DM | PS           | NC      | C       | NC      | NC      |
| Triad/Universal Lighting | C213UNVBES              | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C213UNVME               | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C218UNVME               | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C218UNVBE               | PS           | C       | C       | NC      | NC      |
| Triad/Universal Lighting | C2642UNVME              | PS           | C       | C       | C       | C       |
| Triad/Universal Lighting | C2642UNVBE              | PS           | C       | C       | C       | C       |

## EIKO MODEL #S - PL LAMP TYPE A: 9.5W OMNIDIRECTIONAL

|                          |                          |
|--------------------------|--------------------------|
| L9.5WPLC/A/835/UD/G24Q/O | L9.5WPLC/A/840/UD/G24Q/O |
|--------------------------|--------------------------|

## PL LAMP TYPE A: 9.5W OMNIDIRECTIONAL

| BALLAST/DRIVER BRAND | PART #        | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|---------------|--------------|---------|---------|---------|---------|
|                      |               |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Fulham               | RHA-UNV-213-C | PS           | NC      | NC      | C       | NC      |
| Fulham               | RHA-UNV-226-C | PS           | C       | C       | NC      | C       |
| Fulham               | RHA-UNV-242-C | PS           | NC      | NC      | C       | NC      |
| Fulham               | WH2-277-L     | PS           | NA      | NA      | NC      | NC      |
| Fulham               | WH3-277-L     | PS           | NA      | NA      | NC      | NC      |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|--------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C      | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

PL LAMP TYPE A: 9.5W OMNIDIRECTIONAL

| BALLAST/DRIVER BRAND | PART #                  | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|-------------------------|--------------|---------|---------|---------|---------|
|                      |                         |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Fulham               | WH4-277-L               | PS           | NA      | NA      | NC      | NC      |
| Hatch                | HC213PS/UV/D            | PS           | C       | C       | C       | C       |
| Hatch                | HC226PS/UV/D            | PS           | C       | C       | C       | C       |
| Howard Lighting      | EP2/13CF/MV/2           | PS           | C       | C       | C       | NC      |
| Howard Lighting      | EP2/18CF/MV/2           | PS           | C       | C       | NC      | NC      |
| Howard Lighting      | EP2/42CF/MV/2           | PS           | C       | C       | NC      | C       |
| OSRAM                | QTP 2x26/32/42CF/UNV DM | PS           | NC      | NC      | NC      | NC      |
| Philips advance      | ICF-2S13-M1-BS-QS       | PS           | C       | C       | C       | C       |
| Philips advance      | ICF-2S18-H1-LD          | PS           | C       | C       | C       | C       |
| Philips advance      | ICF-2S18-M1-BS-QS       | PS           | C       | C       | C       | C       |
| Philips advance      | ICF-2S26-H1-LD          | PS           | NC      | C       | NC      | NC      |
| Philips advance      | IZT-2S26-M5-BS          | PS           | C       | C       | C       | C       |
| Philips advance      | IZT-2S26-M5-LD          | PS           | C       | C       | NC      | C       |
| Sola                 | E-724-U-226-M1-S        | PS           | C       | C       | NC      | C       |
| Sylvania             | QTP 1/2x13CF/UNV DM     | PS           | C       | C       | C       | C       |
| Sylvania             | QTP 2x26CF/UNV DM       | PS           | C       | C       | C       | C       |
| Triad                | C213UNVBES              | PS           | C       | C       | C       | C       |
| Triad                | C213UNVME               | PS           | C       | C       | C       | C       |
| Triad                | C218UNVBE               | PS           | C       | NC      | NC      | NC      |
| Triad                | C218UNVME               | PS           | C       | C       | C       | C       |
| Triad                | C2642UNVBE              | PS           | C       | C       | C       | C       |

EIKO MODEL #S - PL LAMP TYPE A: 14.5W HORIZONTAL

|                            |                            |
|----------------------------|----------------------------|
| L14.5WPLC/A/835/UD/G24Q/HR | L14.5WPLC/A/840/UD/G24Q/HR |
|----------------------------|----------------------------|

PL LAMP TYPE A: 14.5W HORIZONTAL

| BALLAST/DRIVER BRAND | PART #                  | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|-------------------------|--------------|---------|---------|---------|---------|
|                      |                         |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Fulham               | RHA-UNV-242-C           | PS           | C       | C       | C       | C       |
| GE                   | GEC242-MVPS-3W          | PS           | C       | C       | C       | C       |
| GE                   | GEC242-MVPS-SE          | PS           | C       | C       | C       | C       |
| Hatch                | HC242PS/UV/D            | PS           | C       | C       | C       | C       |
| Philips - Advance    | ICF-2S42-M2-LD          | PS           | C       | C       | NC      | NC      |
| Philips - Advance    | IZT-2S26-M5-BS          | PS/DIM       | NC      | NC      | C       | C       |
| Philips - Advance    | IZT-2S26-M5-LD          | PS/DIM       | C       | C       | C       | C       |
| Philips - Advance    | IZT-2T42-M5-BS          | PS/DIM       | C       | C       | C       | C       |
| Philips - Advance    | IZT-2T42-M5-LD          | PS/DIM       | C       | C       | C       | C       |
| Philips - Advance    | REZ-1T42-M2-LD          | PS           | NC      | NA      | C       | NA      |
| Philips - Advance    | VEZ-1T42-M2-BS          | PS           | NA      | C       | NC      | C       |
| Sylvania             | 2X26CF/UNV DIM DM       | PS/DIM       | NC      | C       | NC      | C       |
| Sylvania             | QTP 2x26/32/42CF/UNV DM | PS           | NC      | C       | NC      | C       |
| Universal            | C242UNVME               | RS           | C       | C       | C       | C       |
| Universal            | C2642UNVBE              | RS           | C       | C       | C       | C       |

LEGEND

|    |               |    |               |    |                  |    |                |        |                               |    |                |   |        |          |      |
|----|---------------|----|---------------|----|------------------|----|----------------|--------|-------------------------------|----|----------------|---|--------|----------|------|
| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C      | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

EIKO MODEL #S - PL LAMP TYPE A: 17W VERTICAL

|                         |                         |
|-------------------------|-------------------------|
| L17WPLC/A/835/UD/G24Q/V | L17WPLC/A/840/UD/G24Q/V |
|-------------------------|-------------------------|

PL LAMP TYPE A: 17W HORIZONTAL

| BALLAST/DRIVER BRAND | PART #                  | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|-------------------------|--------------|---------|---------|---------|---------|
|                      |                         |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Fulham               | RHA-UNV-242-C           | PS           | NA      | NA      | C       | C       |
| GE                   | GEC242-MVPS-3W          | PS           | NA      | NA      | C       | C       |
| GE                   | GEC242-MVPS-SE          | PS           | NA      | NA      | C       | C       |
| GE                   | GEC26-MVPS-3W           | PS           | NA      | NA      | C       | C       |
| Hatch                | HC242PS/UV/D            | PS           | NA      | NA      | C       | C       |
| Philips - Advance    | ICF-2S42-M2-LD          | PS           | NA      | NA      | C       | C       |
| Philips - Advance    | IZT-2S26-M5-BS          | PS           | NA      | NA      | C       | C       |
| Philips - Advance    | IZT-2T42-M5-BS          | PS           | NA      | NA      | C       | C       |
| Philips - Advance    | REZ-1T42-M2-LD          | PS           | NA      | NA      | C       | NC      |
| Philips - Advance    | VEZ-1T42-M2-BS          | PS/DIM       | NA      | NA      | NC      | C       |
| Sylvania             | 2X26CF/UNV DIM DM       | PS           | NA      | NA      | NC      | C       |
| Sylvania             | QTP 2x26/32/42CF/UNV DM | PS/DIM       | NA      | NA      | C       | C       |
| Universal            | C242UNVME               | PS           | NA      | NA      | C       | NC      |
| Universal            | C2642UNVBE              | PS           | NA      | NA      | C       | C       |
| Universal            | C2642UNVBE              | RS           | C       | C       | C       | C       |

LEGEND

|    |               |    |               |    |                  |    |                |        |                               |    |                |   |          |   |      |
|----|---------------|----|---------------|----|------------------|----|----------------|--------|-------------------------------|----|----------------|---|----------|---|------|
| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/DIM | Programmed Start and Dimmable | L  | Low            | N | Normal   | H | High |
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C      | Compatible                    | NC | Not Compatible |   | EIKO.COM |   |      |

# PL LAMP - TYPE A+B

VERTICAL, HORIZONTAL,  
AND OMNIDIRECTIONAL

## EIKO MODEL #S - PL LAMP TYPE A+B: 3.5W HORIZONTAL & VERTICAL

|                         |                         |
|-------------------------|-------------------------|
| L3.5WPLS/AB/827/U/G23/H | L3.5WPLS/AB/840/U/G23/H |
|-------------------------|-------------------------|

## PL LAMP TYPE A+B: 3.5W HORIZONTAL & VERTICAL; 7W OMNIDIRECTIONAL

| BALLAST/DRIVER BRAND | PART #      | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|-------------|--------------|---------|---------|---------|---------|
|                      |             |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Philips-Advance      | FCF-7/9-TP  | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | LPL-59-TP-I | PH           | C       | NC      | NA      | NA      |

## EIKO MODEL #S - PL LAMP TYPE A+B: 5.5W HORIZONTAL & VERTICAL

|                           |                          |                           |
|---------------------------|--------------------------|---------------------------|
| L5.5WPLC/AB/835/U/GX23/HR | L5.5WPLC/AB/835/U/GX23/V | L5.5WPLC/AB/840/U/GX23/HR |
| L5.5WPLC/AB/840/U/GX23/V  | L5.5WPLS/AB/830/U/GX23/H | L5.5WPLS/AB/830/U/GX23/Hf |

## PL LAMP TYPE A+B: 5.5W HORIZONTAL & VERTICAL

| BALLAST/DRIVER BRAND | PART #       | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|--------------|--------------|---------|---------|---------|---------|
|                      |              |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Philips-Advance      | CC1322MTP    |              | C       | NC      | NA      | NA      |
| Philips-Advance      | FCF-13-TP    | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | LC-13-TP     | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | LO-13-22     | PH           | C       | NC      | NA      | NA      |
| Robertson            | S1P(3P10083) | PH           | C       | NC      | NA      | NA      |

## EIKO MODEL #S - PL LAMP TYPE A+B: 6W HORIZONTAL & VERTICAL; 7W OMNIDIRECTIONAL

|                         |                         |                        |
|-------------------------|-------------------------|------------------------|
| L6WPLC/AB/835/U/G24D/HR | L6WPLC/AB/840/U/G24D/HR | L6WPLC/AB/835/U/G24D/V |
| L6WPLC/AB/840/U/G24D/V  | L7WPLC/AB/835/U/G24D/O  | L7WPLC/AB/840/U/G24D/O |

## PL LAMP TYPE A+B: 6W HORIZONTAL & VERTICAL; 7W OMNIDIRECTIONAL

| BALLAST/DRIVER BRAND | PART #       | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|--------------|--------------|---------|---------|---------|---------|
|                      |              |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Philips-Advance      | CC1322MTP    | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | FCF-13-TP    | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | LC-13-TP     | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | LO-13-22     | PH           | C       | NC      | NA      | NA      |
| Robertson            | S1P(3P10083) | PH           | C       | NC      | NA      | NA      |

## EIKO MODEL #S - PL LAMP TYPE A+B: 8.5W HORIZONTAL & VERTICAL

|                             |                            |                           |
|-----------------------------|----------------------------|---------------------------|
| L8.5WPLC/AB/8FCCT/U/G24D/HR | L8.5WPLC/AB/8FCCT/U/G24D/V | L8.5WPLC/AB/835/U/G24D/HR |
| L8.5WPLC/AB/840/U/G24D/HR   | L8.5WPLC/AB/835/U/G24D/V   | L8.5WPLC/AB/840/U/G24D/V  |

## PL LAMP TYPE A+B: 8.5W HORIZONTAL & VERTICAL

| BALLAST/DRIVER BRAND | PART #           | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|------------------|--------------|---------|---------|---------|---------|
|                      |                  |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Philips-Advance      | H-1Q26-TP-BLS    | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | HP28P            | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | HP22627P         | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | LO-13-22         | PH           | C       | NC      | NA      | NA      |
| Robertson            | O1527P(3P101014) | PH           | C       | NC      | NA      | NA      |

### LEGEND

|           |               |           |               |           |                  |           |                |               |                               |           |                |          |        |                 |      |
|-----------|---------------|-----------|---------------|-----------|------------------|-----------|----------------|---------------|-------------------------------|-----------|----------------|----------|--------|-----------------|------|
| <b>IS</b> | Instant Start | <b>PH</b> | Preheat Start | <b>PS</b> | Programmed Start | <b>RS</b> | Rapid Start    | <b>PS/DIM</b> | Programmed Start and Dimmable | <b>L</b>  | Low            | <b>N</b> | Normal | <b>H</b>        | High |
| <b>NT</b> | Not Tested    | <b>T</b>  | THD > 30%     | <b>P</b>  | PF < 0.85        | <b>NA</b> | Not Applicable | <b>C</b>      | Compatible                    | <b>NC</b> | Not Compatible |          |        | <b>EIKO.COM</b> |      |



## EIKO MODEL #S - PL LAMP TYPE A+B: 9W OMNIDIRECTIONAL

|                        |                        |
|------------------------|------------------------|
| L9WPLC/AB/835/U/G24D/O | L9WPLC/AB/840/U/G24D/O |
|------------------------|------------------------|

## PL LAMP TYPE A+B: 6W HORIZONTAL & VERTICAL; 9W OMNIDIRECTIONAL

| BALLAST/DRIVER BRAND | PART #           | START METHOD | 1 LAMP  |         | 2 LAMPS |         |
|----------------------|------------------|--------------|---------|---------|---------|---------|
|                      |                  |              | 120 VAC | 277 VAC | 120 VAC | 277 VAC |
| Philips-Advance      | H-1Q26-TP-BLS    | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | HP28P            | PH           | C       | NC      | NA      | NA      |
| Philips-Advance      | HP22627P         | PH           | NC      | C       | NA      | NA      |
| Robertson            | O1527P(3P101014) | PH           | C       | NC      | NA      | NA      |

## EIKO MODEL #S EMERGENCY BALLAST COMPATIBILITY

|                             |                            |
|-----------------------------|----------------------------|
| L9.5WPLC/A/835/UD/G24Q/HR   | L9.5WPLC/A/835/UD/G24Q/O   |
| L9.5WPLC/A/835/UD/G24Q/V    | L9.5WPLC/A/840/UD/G24Q/HR  |
| L9.5WPLC/A/840/UD/G24Q/O    | L9.5WPLC/A/840/UD/G24Q/V   |
| L9.5WPLC/A/8FCCT/UD/G24Q/HR | L9.5WPLC/A/8FCCT/UD/G24Q/V |
| L14.5WPLC/A/835/UD/G24Q/HR  | L14.5WPLC/A/840/UD/G24Q/HR |
| L17WPLC/A/835/UD/G24Q/V     | L17WPLC/A/840/UD/G24Q/V    |

## EMERGENCY BALLAST COMPATIBILITY

| BALLAST BRAND | PART #         | COMPATIBILITY  |
|---------------|----------------|----------------|
| Bodine        | B30ST          | NOT COMPATIBLE |
| Bodine        | LP600          | COMPATIBLE     |
| Fulham        | FH5-DUAL-1400L | COMPATIBLE     |
| Iota          | I-320          | COMPATIBLE     |
| Lithonia      | PS1400QD       | COMPATIBLE     |

## EIKO MODEL #S EMERGENCY BALLAST COMPATIBILITY

|                         |                        |
|-------------------------|------------------------|
| L6WPLC/A/835/UD/G24Q/HR | L6WPLC/A/835/UD/G24Q/V |
| L6WPLC/A/840/UD/G24Q/HR | L6WPLC/A/840/UD/G24Q/V |
| L7WPLC/A/835/UD/G24Q/O  | L7WPLC/A/840/UD/G24Q/O |

## EMERGENCY BALLAST COMPATIBILITY

| BALLAST BRAND | PART #         | COMPATIBILITY  |
|---------------|----------------|----------------|
| Bodine        | B30ST          | NOT COMPATIBLE |
| Bodine        | LP600          | COMPATIBLE     |
| Fulham        | FH5-DUAL-1400L | COMPATIBLE     |
| Iota          | I-320          | COMPATIBLE     |
| Lithonia      | PS1400QD       | COMPATIBLE     |
| Philips       | ICF-2S13-H1-LD | COMPATIBLE     |

## LEGEND

|    |               |    |               |    |                  |    |                |        |                               |    |                |          |        |   |      |
|----|---------------|----|---------------|----|------------------|----|----------------|--------|-------------------------------|----|----------------|----------|--------|---|------|
| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/DIM | Programmed Start and Dimmable | L  | Low            | N        | Normal | H | High |
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C      | Compatible                    | NC | Not Compatible | EIKO.COM |        |   |      |

# TLED - TYPE A+B 4FT

## EIKO MODEL #S - TLED- TYPE A+B - 4FT

|                     |                     |                     |
|---------------------|---------------------|---------------------|
| L12WT8/48/ABSDG/835 | L12WT8/48/ABSDG/840 | L12WT8/48/ABSDG/850 |
| L15WT8/48/ABSDG/835 | L15WT8/48/ABSDG/840 | L15WT8/48/ABSDG/850 |

## TLED - TYPE A+B - 4FT

| BALLAST/<br>DRIVER BRAND        | PART #                   | START<br>METHOD | # OF<br>LAMPS | BALLAST<br>FACTOR |       | N-1 LAMP |         | N LAMP  |         |
|---------------------------------|--------------------------|-----------------|---------------|-------------------|-------|----------|---------|---------|---------|
|                                 |                          |                 |               | TYPE              | VALUE | 120 VAC  | 277 VAC | 120 VAC | 277 VAC |
| ESPEN                           | VE232MVHIPHE             | IS              | 2             | H                 | 1.19  | C        | P       | C       | C       |
| EIKO                            | PM-2x32T8-UNV-IS         | IS              | 2             | N                 | 0.87  | C        | C       | C       | C       |
| EIKO                            | PM-3X32T8-UNV-IS-H       | IS              | 3             | H                 | 1.18  | NC       | NC      | NC      | NC      |
| ESPEN                           | VE2P32MVHIPE             | IS              | 2             | N                 | 0.89  | C        | P       | C       | C       |
| General Electric                | GE232MAX-G-N             | IS              | 2             | N                 | 0.88  | C        | C       | C       | C       |
| General Electric                | GE232MAX347-N            | IS              | 2             | H                 | 1.02  | NC       | NC      | NC      | NC      |
| General Electric                | GE232MAX-G-L             | IS              | 2             | L                 | 0.77  | NC       | NC      | NC      | NC      |
| General Electric                | GE232MAXP-N/ULTRA        | IS              | 2             | N                 | 0.87  | NC       | NC      | NC      | NC      |
| KEYSTONE                        | KTEB-232-UV-IS-N-P       | IS              | 2             | N                 | 0.87  | NC       | NC      | NC      | NC      |
| KEYSTONE                        | KTEB-332-UV-IS-N-P       | IS              | 3             | N                 | 0.87  | C        | C       | NC      | NC      |
| KEYSTONE                        | KTEB-232-UV-IS-L-P       | IS              | 2             | L                 | 0.78  | NC       | NC      | NC      | NC      |
| MAXLITE                         | SKEU323L/SC              | IS              | 3             | L                 | 0.78  | NC       | NC      | NC      | NC      |
| MAXLITE                         | MLEU323H/SC              | IS              | 3             | H                 | 1.18  | C        | C       | NC      | NC      |
| OSRAM SYLVANIA                  | QHE 2X32T8/UNV ISN-SC    | IS              | 2             | N                 | 0.88  | C        | C       | C       | C       |
| OSRAM SYLVANIA                  | QHE 1X32T8/UNV ISN-SC    | IS              | 2             | N                 | 0.88  | C        | C       | C       | C       |
| OSRAM SYLVANIA                  | QTP 2X32T8/UNV ISN-SC    | IS              | 2             | N                 | 0.88  | C        | C       | C       | C       |
| OSRAM SYLVANIA                  | QT 2x32277 IS-SC         | IS              | 2             | N                 | 0.88  | NA       | P,T     | NA      | C       |
| OSRAM SYLVANIA                  | QHE 2X32T8/UNV ISH HT-SC | IS              | 2             | H                 | 1.2   | C        | C       | C       | C       |
| OSRAM SYLVANIA                  | QTP 3X32T8/UNV ISN-SC    | IS              | 3             | N                 | 0.88  | C        | C       | C       | C       |
| OSRAM SYLVANIA                  | QHE 3x32T8/UNV ISH HT-SC | IS              | 3             | H                 | 1.18  | HT       | HT      | HT      | HT      |
| OSRAM SYLVANIA                  | QTP 2X32T8/UNV ISL-SC    | IS              | 2             | L                 | 0.78  | NC       | NC      | NC      | NC      |
| OSRAM SYLVANIA                  | QHE 1X32T8/UNV ISL-SC    | IS              | 1             | L                 | 0.78  | NC       | NC      | NC      | NC      |
| OSRAM SYLVANIA                  | QHE 3x32T8/UNV ISH HT-SC | IS              | 3             | H                 | 1.18  | NC       | NC      | NC      | NC      |
| Philips-Advance                 | ICN-2P32-SC              | IS              | 2             | N                 | 0.89  | C        | C       | C       | C       |
| Philips-Advance                 | VEL-2P32-SC              | IS              | 2             | N                 | 0.88  | NA       | P       | NA      | C       |
| Philips-Advance                 | ICN-3P32-SC              | IS              | 3             | N                 | 0.89  | C        | C       | C       | C       |
| Philips-Advance                 | ICN-132-MC               | IS              | 1             | N                 | 0.88  | NC       | NC      | NC      | NC      |
| Philips-Advance                 | IOP-3P32HL-90C-SC        | IS              | 3             | H                 | 1.22  | C        | F       | C       | F       |
| Philips-Advance                 | IOPA-2P32-LW-N           | IS              | 2             | L                 | 0.76  | NC       | NC      | NC      | NC      |
| Philips-Advance                 | IOP-1P32-LW-N            | IS              | 1             | L                 | 0.77  | NC       | NC      | NC      | NC      |
| Philips-Advance                 | IOP-2P32-LW-N            | IS              | 2             | L                 | 0.77  | NC       | NC      | NC      | NC      |
| TCP                             | TCP3P32ISUNVH            | IS              | 3             | H                 | 1.18  | NC       | NC      | NC      | NC      |
| Universal Lighting Technologies | B332IUNVHP-A             | IS              | 3             | N                 | 0.88  | C        | P       | C       | C       |
| Universal Lighting Technologies | B232I277RH-A             | IS              | 2             | N                 | 0.88  | NA       | P,T     | NA      | C       |
| Universal Lighting Technologies | B232IUNVHEH-A            | IS              | 2             | H                 | 1.18  | NC       | NC      | NC      | NC      |
| Watran                          | DB-232N-MV-TP-HE         | IS              | 2             | N                 | 0.87  | C        | C       | C       | C       |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

# TLED - LINEAR TYPE A

2,3,4FT

## EIKO MODEL #S - TLED- TYPE A - 2FT, 3FT, 4FT

|                   |                   |                    |                    |                    |
|-------------------|-------------------|--------------------|--------------------|--------------------|
| L8WT8/24/AG/835   | L8WT8/24/AG/840   | L8WT8/24/AG/850    | L10WT8/36/AG/835   | L10WT8/36/AG/840   |
| L10WT8/36/AG/850  | L8.5WT8/48/AG/835 | L8.5WT8/48/AG/840  | L8.5WT8/48/AG/850  | L9.9WT8/48/AG/835  |
| L9.9WT8/48/AG/840 | L9.9WT8/48/AG/850 | L12.9WT8/48/AG/835 | L12.9WT8/48/AG/840 | L12.9WT8/48/AG/850 |

## LINEAR

| BALLAST/<br>DRIVER BRAND | PART #                   | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         |         | N LAMP  |         |         |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|---------|---------|---------|---------|
|                          |                          |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 347 VAC | 120 VAC | 277 VAC | 347 VAC |
| ACT                      | ACT 2P32ISUNVE           | IS              | 2             | Parallel           | N                 | 0.89  | C        | C       | NA      | C       | C       | NA      |
| Antron Electronics       | A32T8MICLO               | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Arcata                   | ACT 3P32ISUNVLE          | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Cooper Lighting          | CL-432ISUNV-R1-B         | IS              | 4             | Parallel           | H                 | 1.18  | C        | C       | NA      | C       | C       | NA      |
| Damar                    | EL232-120/277HF(1688B)   | IS              | 2             | Parallel           | N                 | /     | NC       | NC      | NA      | C       | C       | NA      |
| Damar                    | EL232HL-120/277HF(1688D) | IS              | 2             | Parallel           | H                 | /     | NC       | NC      | NA      | C       | C       | NA      |
| Damar                    | EL332-120/277HF(3654C)   | IS              | 3             | Parallel           | N                 | /     | NC       | NC      | NA      | C       | C       | NA      |
| Damar                    | EL332HL-120/277HF(3654H) | IS              | 3             | Parallel           | H                 | /     | NC       | NC      | NA      | C       | P       | NA      |
| Damar                    | EL432-120/277HF(3093B)   | IS              | 4             | Parallel           | N                 | /     | NC       | NC      | NA      | C       | C       | NA      |
| Damar                    | EL432HL-120/277HF(3093C) | IS              | 4             | Parallel           | H                 | /     | NC       | NC      | NA      | C       | C       | NA      |
| EIKO                     | PM-2X32T8-UNV-IS-L       | IS              | 2             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Eiko                     | PM-3X32T8-UNV-IS         | IS              | 3             | Parallel           | N                 | 0.87  | NC       | C       | NA      | NC      | C       | NA      |
| Eiko                     | PM-3X32T8-UNV-IS-H       | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | C       | NA      |
| Eiko                     | PM-3X32T8-UNV-IS-L       | IS              | 3             | Parallel           | L                 | 0.78  | NC       | C       | NA      | NC      | C       | NA      |
| Eiko                     | PM-4X32T8-UNV-IS         | IS              | 4             | Parallel           | N                 | 0.88  | NC       | C       | NA      | NC      | C       | NA      |
| Eiko                     | PM-4X32T8-UNV-IS-L       | IS              | 4             | Parallel           | L                 | 0.78  | NC       | C       | NA      | NC      | C       | NA      |
| Eiko                     | PM-2X32T8-UNV-IS         | IS              | 2             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Eiko                     | PM-2x32T8-UNV-IS-H       | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Eiko                     | PM-3X32T8-UNV-PS         | PS              | 3             | Series             | N                 | 0.88  | NA       | NA      | NA      | NC      | NC      | NA      |
| Eiko                     | PM-3X32T8-UNV-PS-H       | PS              | 3             | Series             | H                 | 1.18  | NA       | NA      | NA      | NC      | NC      | NA      |
| Eiko                     | PM-2x32T8-UNV-PS         | PS              | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NA      | NC      | NC      | NA      |
| Espen                    | VE232MVHIPE              | IS              | 2             | Parallel           | N                 | 0.89  | C        | C       | NA      | C       | C       | NA      |
| Espen                    | VE232MVHIPHE             | IS              | 2             | Parallel           | H                 | 1.19  | NC       | NC      | NA      | C       | C       | NA      |
| Espen                    | VE232MVHIPLE             | IS              | 2             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Espen                    | VE232MVHRPHT3-AB         | PS              | 2             | Series             | H                 | 1.20  | NA       | NA      | NA      | NC      | NC      | NA      |
| Fusion                   | FB432347E-N              | IS              | 4             | Parallel           | N                 | 0.88  | NA       | NA      | C       | NA      | NA      | C       |
| Fusion                   | FB232347E-N              | IS              | 2             | Parallel           | N                 | 0.88  | NA       | NA      | C       | NA      | NA      | C       |
| Fusion                   | FB232MVE-N               | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Fusion                   | FB432MVE-N               | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE-232-MV-N              | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE232MAX-N/ULTRA         | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE432MAX-H/ULTRA         | IS              | 4             | Parallel           | H                 | 1.18  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE432MAX-L/ULTRA         | IS              | 4             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE-232-MAX-H/Ultra       | IS              | 2             | Parallel           | H                 | 1.15  | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | GE432MAX-G-N             | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE132MAX-G-N             | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NA      | NC      | NC      | NA      |
| General Electric         | GE132MAX-H/ULTRA         | IS              | 1             | NA                 | H                 | 1.18  | NA       | NA      | NA      | NC      | NC      | NA      |
| General Electric         | GE132MAX-L/ULTRA         | IS              | 1             | NA                 | L                 | 0.78  | NA       | NA      | NA      | NC      | NC      | NA      |
| General Electric         | GE132MAXP-N/ULTRA        | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NA      | C       | C       | NA      |
| General Electric         | GE232MV-N-DIY            | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE232MAX-L/ULTRA         | IS              | 2             | Parallel           | L                 | 0.78  | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | GE232MAX347-N            | IS              | 2             | Parallel           | H                 | 1.02  | NA       | NA      | NA      | NA      | NA      | NC      |
| General Electric         | GE332MV-N                | IS              | 3             | Parallel           | N                 | 0.87  | C        | P       | NA      | C       | P       | NA      |
| General Electric         | GE332MAX-N/ULTRA         | IS              | 3             | Parallel           | N                 | 0.88  | C        | P       | NA      | C       | C       | NA      |
| General Electric         | GE332MAX-L/ULTRA         | IS              | 3             | Parallel           | L                 | 0.78  | C        | P       | NA      | C       | P       | NA      |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start<br>and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|----------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                       | NC | Not Compatible |   |        | EIKO.COM |      |

| BALLAST/<br>DRIVER BRAND | PART #                  | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         |         | N LAMP  |         |         |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|---------|---------|---------|---------|
|                          |                         |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 347 VAC | 120 VAC | 277 VAC | 347 VAC |
| General Electric         | GE332MAX-G-N            | IS              | 3             | Parallel           | N                 | 0.87  | C        | P       | NA      | C       | C       | NA      |
| General Electric         | GE332MAXP-H/ULTRA       | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| General Electric         | GE432-120-RES           | IS              | 4             | Parallel           | N                 | 0.83  | C        | NA      | NA      | C       | NA      | NA      |
| General Electric         | GE432MV-N-42T           | IS              | 4             | Parallel           | N                 | 0.93  | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | GE432MAX-N/ULTRA        | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE432MAX347-N           | IS              | 4             | Parallel           | N                 | 0.94  | NA       | NA      | C       | NA      | NA      | C       |
| General Electric         | GE232MAXP90-V60         | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| General Electric         | GE332MAXP90-V60         | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| General Electric         | GE432MAXP90-S60         | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| General Electric         | GE432MAXP-H/ULTRA D     | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| General Electric         | GE432MAX90-S60          | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| General Electric         | GE332MAXP-L/ULTRA       | IS              | 3             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE232MAX-G-N            | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| General Electric         | GE-232-MAX-H-42T        | IS              | 2             | Parallel           | H                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | GE432MAX-H-42T          | IS              | 4             | Parallel           | H                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | 332MAX-H-84TS           | IS              | 3             | Parallel           | H                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | 332MAX-H-42T            | IS              | 3             | Parallel           | H                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | GE432MAX-G-H            | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| General Electric         | GE232-MVPS-N            | PS              | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NA      | NC      | NC      | NA      |
| General Electric         | GE-232-MV-PS-N          | PS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Halco                    | EP232IS/MV/HE           | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Halco                    | EP332IS/MV/HE           | IS              | 3             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Halco                    | EP432IS/MV/HE           | IS              | 4             | Parallel           | N                 | 0.88  | NC       | C       | NA      | NC      | C       | NA      |
| Halco                    | EP432IS/L/MV/HE         | IS              | 4             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Halco                    | EP232IS/L/MV/HE         | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Halco                    | EP232IS/H/MV/HE         | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| Halco                    | EP332IS/L/MV/HE         | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Halco                    | EP432IS/120/MC          | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Hatch                    | HL232BIS/UV/HE/W        | IS              | 2             | Parallel           | N                 | 0.9   | C        | C       | NA      | C       | C       | NA      |
| Hatch                    | HL432BIS/UV/HE/W        | IS              | 4             | Parallel           | N                 | 0.9   | C        | P       | NA      | C       | C       | NA      |
| Howard Industries        | EPH4/32IS/MV/SC/HE      | IS              | 4             | Parallel           | H                 | 1.16  | NC       | NC      | NA      | C       | C       | NA      |
| Howard Industries        | EP3/32IS/MV/SC/HE       | IS              | 3             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Howard Industries        | EPL4/32IS/MV/MC/HE      | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Howard Industries        | EPH2/321S/MV/MC/HE      | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Howard Industries        | E2/32IS-120MC           | IS              | 2             | Parallel           | N                 | 0.85  | P,T      | NA      | NA      | P,T     | NA      | NA      |
| Howard Industries        | EPL2/32IS/MV/MC/HE      | IS              | 2             | Parallel           | L                 | 0.78  | C        | P,T     | NA      | C       | P       | NA      |
| Howard Industries        | EPL3/32IS/MV/SC/HE      | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Howard Industries        | EP4/32IS/MV/MC/HE       | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Howard Industries        | EP2/32IS/MV/MC/HE       | IS              | 2             | Parallel           | N                 | 0.89  | C        | C       | NA      | C       | C       | NA      |
| Howard Industries        | EP332ISMVMC/HE          | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Howard Industries        | EPH3/32IS/MV/MC/HE      | IS              | 3             | Parallel           | N                 | 0.91  | C        | P       | NA      | C       | P       | NA      |
| Howard Industries        | EP2/32PRS/MV/MC/HE      | PRS             | 2             | Parallel           | N                 | 0.86  | NC       | NC      | NA      | C       | C       | NA      |
| Howard Industries        | EP4/32PPRS/MV/SC/HE     | PRS             | 4             | Parallel           | N                 | /     | C        | C       | NA      | C       | C       | NA      |
| Keystone                 | KTEB-232-UV-IS-N-P      | IS              | 2             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | NC      | NA      |
| Keystone                 | KTEB-432RIS-1-TP-SL     | IS              | 4             | Parallel           | N                 | 0.80  | C        | NA      | NA      | C       | NA      | NA      |
| Keystone                 | KTEB-332-UV-IS-N-P      | IS              | 3             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Keystone                 | KTEB-432-UV-IS-N-P      | IS              | 4             | Parallel           | N                 | 0.87  | NC       | C       | NA      | NC      | C       | NA      |
| Keystone                 | KTEB-232LBF-1-TP-PIC-EV | IS              | 2             | Parallel           | N                 | 0.88  | C        | NA      | NA      | C       | NA      | NA      |
| Keystone                 | KTEB-232-UV-IS-H-P      | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | P       | NA      |
| Keystone                 | KTEB-332-UV-IS-H-P      | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Keystone                 | KTEB-432-UV-IS-H-P      | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Keystone                 | KTEB-232-UV-PS-H-P      | PS              | 2             | Parallel           | H                 |       | NC       | NC      | NA      | C       | C       | NA      |
| Keystone                 | KTEB-332-UV-PS-H-P      | PS              | 3             | Parallel           | H                 | /     | NC       | NC      | NA      | C       | C       | NA      |

LEGEND

|    |               |    |               |    |                  |    |                |        |                               |    |                |   |        |          |      |
|----|---------------|----|---------------|----|------------------|----|----------------|--------|-------------------------------|----|----------------|---|--------|----------|------|
| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C      | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

# LINEAR

| BALLAST/<br>DRIVER BRAND  | PART #                     | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         |         | N LAMP  |         |         |
|---------------------------|----------------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|---------|---------|---------|---------|
|                           |                            |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 347 VAC | 120 VAC | 277 VAC | 347 VAC |
| Keystone                  | KTEB-432-UV-PS-N-P         | PS              | 4             | Parallel           | N                 | /     | C        | C       | NA      | C       | C       | NA      |
| Keystone                  | KTEB-232-UV-PS-L-P         | PS              | 2             | Parallel           | L                 | /     | C        | C       | NA      | C       | C       | NA      |
| Lighting Products Limited | EB-332EBF-UV-TP-HE         | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Maxlite                   | SKEU322HEL/SC              | IS              | 2             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Maxlite                   | SKEU324HE/SC               | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Maxlite                   | SKEU323L/SC                | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Maxlite                   | MLEU322HEL/SC              | IS              | 2             | Parallel           | N                 | 0.83  | C        | C       | NA      | C       | C       | NA      |
| Maxlite                   | MLEU323H/SC                | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | C       | NA      |
| Maxlite                   | MLEU324HE/SC               | IS              | 4             | Parallel           | N                 | 0.88  | NC       | C       | NA      | NC      | C       | NA      |
| Osram                     | QHE 2x32T8/347 PSN-SC      | PRS             | 2             | Parallel           | N                 | 0.88  | NA       | NA      | C       | NA      | NA      | C       |
| Osram Sylvania            | QTP 2X32T8/UNV ISN-SC      | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 2X32T8/UNV ISN-SC      | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 2X32T8/UNV ISL-SC      | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 3X32T8/UNV ISH-SC      | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 4X32T8/UNV ISN-SC      | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 4X32T8/UNV ISL-SC      | IS              | 4             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 1X32T8/UNV ISN-SC      | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 1X32T8/UNV ISL-SC      | IS              | 1             | NA                 | L                 | 0.78  | NA       | NA      | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 2X32T8/UNV ISH-SC      | IS              | 2             | Parallel           | H                 | 1.20  | NC       | NC      | NA      | NC      | NC      | NA      |
| Osram Sylvania            | QTP 3X32T8/UNV ISN-SC      | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 3X32T8/UNV ISN-SC      | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 3X32T8/UNV ISL-SC      | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QTP2x32T8/277 ISN-D        | IS              | 2             | Parallel           | L                 | 0.78  | NA       | C       | NA      | NA      | C       | NA      |
| Osram Sylvania            | QHE 3x32T8/UNV ISH HT-SC   | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Osram Sylvania            | QTP 2X32T8/UNV ISL-SC      | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 2X32T8/UNV ISH HT-SC □ | IS              | 2             | Parallel           | H                 | 1.2   | NC       | NC      | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 4x32T8/UNV ISH-SC      | IS              | 4             | Parallel           | H                 | 1.2   | NC       | NC      | NA      | NC      | NC      | NA      |
| Osram Sylvania            | QT 2x32/347 ISH-SC         | IS              | 2             | Parallel           | H                 | 1.20  | NA       | NA      | NA      | NA      | NA      | C       |
| Osram Sylvania            | QHE 1X32T8/UNV ISH-SC      | IS              | 1             | NA                 | L                 | 0.77  | NA       | NA      | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 4X32T8/UNV PSX-SC      | PRS             | 4             | Parallel           | L                 | 0.71  | NC       | NC      | NA      | NC      | NC      | NA      |
| Osram Sylvania            | QHE 2X32T8/UNV PSH-HT      | PRS             | 2             | Parallel           | H                 | 1.18  | NA       | NA      | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 2X32T8/UNV PSN-MC      | PRS             | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QTP3X32T8/UNV PSN-SC       | PRS             | 3             | Series             | N                 | 0.88  | NA       | NA      | NA      | NC      | NC      | NA      |
| Osram Sylvania            | QHE 4X32T8/UNV PSN-SC      | PRS             | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Osram Sylvania            | QHE 2X32T8/UNV DIM-TC      | PRS             | 2             | Series             | N                 | 0.88  | NA       | NA      | NA      | NC      | NC      | NA      |
| Osram Sylvania            | QHES 2x32T8/UNV PSL-SC     | PRS             | 2             | Parallel           | L                 | 0.71  | NC       | NC      | NA      | NC      | NC      | NA      |
| Pacific Fluorescent       | EB-232IS-120-RES           | IS              | 2             | Parallel           | N                 | /     | C        | NA      | NA      | C       | NA      | NA      |
| Philips-Advance           | IOPA-2P32-N                | IS              | 2             | Parallel           | N                 | 0.89  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance           | IOP-2P32-N                 | IS              | 2             | Parallel           | N                 | 0.89  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance           | IOP-2P32-LW-N              | IS              | 2             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance           | IOPA-3P32-LW-N             | IS              | 3             | Parallel           | L                 | 0.76  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance           | IOPA-4P32-N                | IS              | 4             | Parallel           | N                 | 0.87  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance           | IOPA-4P32-HL-SC            | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance           | IOP-4P32-N                 | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance           | IOP-4P32-LW-N              | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance           | ICN-4P32-N                 | IS              | 4             | Parallel           | N                 | 0.90  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance           | IOP-1P32-N                 | IS              | 1             | NA                 | N                 | 0.89  | NA       | NA      | NA      | C       | P       | NA      |
| Philips-Advance           | IOP-2P32HL-SC              | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance           | ICN-1P32-N                 | IS              | 1             | NA                 | N                 | 0.91  | NA       | NA      | NA      | NC      | NC      | NA      |
| Philips-Advance           | ICN-2P32-N                 | IS              | 2             | Parallel           | N                 | 0.89  | NC       | NC      | NA      | C       | C       | NA      |
| Philips-Advance           | IOPA-1P32-N                | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NA      | NC      | NC      | NA      |
| Philips-Advance           | IOPA-3P32-N                | IS              | 3             | Parallel           | N                 | 0.86  | NC       | NC      | NA      | NC      | NC      | NA      |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

# LINEAR

| BALLAST/<br>DRIVER BRAND | PART #            | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         |         | N LAMP  |         |         |
|--------------------------|-------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|---------|---------|---------|---------|
|                          |                   |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 347 VAC | 120 VAC | 277 VAC | 347 VAC |
| Philips-Advance          | IOP-3P32-N        | IS              | 3             | Parallel           | N                 | 0.87  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | REB-4P32-SC       | IS              | 4             | Parallel           | N                 | 0.81  | C        | NA      | NA      | C       | NA      | NA      |
| Philips-Advance          | IOP-4P32-HL-SC    | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | ICN-3P32-N        | IS              | 3             | Parallel           | N                 | 0.88  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | VEL-2P32-SC       | IS              | 2             | Parallel           | N                 | 0.88  | NA       | P,T     | NA      | NA      | C       | NA      |
| Philips-Advance          | IOPA-2P32-HL-N    | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | IOP-3P32HL-90C-SC | IS              | 3             | Parallel           | H                 | 1.22  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | IOP-4P32-SC       | IS              | 4             | Parallel           | N                 | 0.87  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | IOPA-4P32-SC      | IS              | 4             | Parallel           | N                 | 0.92  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance          | ICN-132-MC        | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NA      | C       | P       | NA      |
| Philips-Advance          | ICN-2P16-TLED-N   | IS              | 2             | Parallel           | /                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | ICN-4P16-TLED-N   | IS              | 4             | Parallel           | /                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | ICN-3P32-SC       | IS              | 3             | Parallel           | N                 | 0.89  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance          | VEL-3P32-SC       | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance          | GOPA-2P32-N       | IS              | 2             | Parallel           | N                 | 0.88  | NA       | NA      | NC      | NA      | NA      | NA      |
| Philips-Advance          | IOPA-4P32-HL      | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Philips-Advance          | IOPA-2P32-LW-N    | IS              | 2             | Parallel           | L                 | /     | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance          | IOP-1P32-LW-N     | IS              | 1             | NA                 | L                 | 0.77  | NA       | NA      | NA      | C       | P       | NA      |
| Philips-Advance          | IOP-1P32-SC       | IS              | 1             | NA                 | N                 | 0.87  | NA       | NA      | NA      | C       | C       | NA      |
| Philips-Advance          | IOP-2P32-LW-SC    | IS              | 2             | Parallel           | L                 | 0.77  | C        | P,T     | NA      | C       | NC      | NA      |
| Philips-Advance          | IOP-3P32-LW-SC    | IS              | 3             | Parallel           | L                 | 0.77  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | IOP-4P32-LW-SC    | IS              | 4             | Parallel           | L                 | 0.77  | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | IOP-1P32-LW-SC    | IS              | 1             | NA                 | L                 | 0.77  | NA       | NA      | NA      | C       | C       | NA      |
| Philips-Advance          | ICN-3P16-TLED-N   | IS              | 3             | Parallel           | /                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| Philips-Advance          | IOP-2PSP32-N      | PS              | 2             | Parallel           | N                 | 0.94  | NC       | NC      | NA      | C       | C       | NA      |
| Philips-Advance          | IOP-3PSP32-SC     | PS              | 3             | Parallel           | N                 | 0.88  | NA       | NA      | NA      | C       | C       | NA      |
| Philips-Advance          | IOP-4PSP32-SC     | PS              | 4             | Parallel           | N                 | 0.89  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance          | IOP-4PSP32-LW-SC  | PS              | 4             | Parallel           | L                 | 0.69  | C        | C       | NA      | C       | C       | NA      |
| Philips-Advance          | IOP-2S32-SC       | PS              | 2             | Series             | N                 | 0.87  | NC       | NC      | NA      | NC      | NC      | NA      |
| Plusrite                 | BAF232IS/MV       | IS              | 2             | Parallel           | N                 | 0.89  | C        | C       | NA      | C       | C       | NA      |
| Plusrite                 | BAF332IS/MV       | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Plusrite                 | BAF332IS/MV/L     | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Plusrite                 | BAF432IS/MV       | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Plusrite                 | BAF432IS/MV/L     | IS              | 4             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| ProLume                  | EP232IS/L/MV/SL   | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Prolume                  | E432IS/120/R/SL   | IS              | 4             | Parallel           | N                 | 0.87  | C        | NA      | NA      | C       | NA      | NA      |
| SOLA                     | E-758-U-232-MC    | IS              | 2             | Parallel           | N                 | 0.88  | C        | P       | NA      | C       | C       | NA      |
| Sunpark                  | 120-1/32IS HPF    | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NA      | P,T     | NA      | NA      |
| Sunpark                  | U-2/32ISE-LBF     | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | NA      | C       | C       | NA      |
| Sunpark                  | U-3/32ISE         | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Sunpark                  | U-3/32ISE-HBF     | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Sunpark                  | 120-3/32IS MPF    | IS              | 3             | Parallel           | N                 | 0.88  | C        | NA      | NA      | C       | NA      | NA      |
| Sunpark                  | U-4/32IS HP,F     | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Sunpark                  | U-4/32IS HBF      | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Sunpark                  | U-4/32ISE-LBF     | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Sunpark                  | U-1/32PSE         | PS              | 1             | n.a                | N                 | 0.88  | NA       | NA      | NA      | C       | C       | NA      |
| Sunpark                  | U-2/32PSE         | RS              | 2             | Series             | N                 | 0.88  | NC       | NC      | NA      | NC      | NC      | NA      |
| Sunpark                  | U-2/32PSE-HBF     | RS              | 2             | Series             | H                 | 1.15  | NA       | NA      | NA      | NC      | NC      | NA      |
| Sunpark                  | U-232PS3-HBF      | RS              | 2             | Series             | H                 | 1.15  | NA       | NA      | NA      | NC      | NC      | NA      |
| Sunpark                  | SL15T             | RS              | 2             | Parallel           | N                 | 0.88  | NA       | NA      | NA      | P,T     | NA      | NA      |
| Sunpark                  | LC 12013T         | PS              | 1             | n.a                | ?                 | ?     | NA       | NA      | NA      | P,T     | NA      | NA      |
| Superior Life            | 70201             | IS              | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NA      | C       | C       | NA      |
| Superior Life            | 70210             | PS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

| BALLAST/<br>DRIVER BRAND        | PART #            | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         |         | N LAMP  |         |         |
|---------------------------------|-------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|---------|---------|---------|---------|
|                                 |                   |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 347 VAC | 120 VAC | 277 VAC | 347 VAC |
| Superior Life                   | 70211             | PS              | 4             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Sylvania                        | QT 3x32/277 IS    | IS              | 3             | Parallel           | N                 | 0.9   | C        | C       | NA      | C       | C       | NA      |
| Sylvania                        | QT 2X32/347LP     | IS              | 2             | Parallel           | /                 | /     | NA       | NA      | NC      | NA      | NA      | NC      |
| Sylvania                        | QT 4X32/347LP     | IS              | 4             | Parallel           | /                 | /     | NA       | NA      | T       | NA      | NA      | T       |
| TCP                             | E4P32ISUNVLE      | IS              | 4             | Parallel           | L                 | 0.78  | NC       | NC      | NA      | NC      | NC      | NA      |
| TCP                             | E3P32ISUNVE       | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| TCP                             | E3P32ISUNVLE      | IS              | 3             | Parallel           | L                 | 0.78  | NC       | NC      | NA      | C       | C       | NA      |
| TCP                             | E4P32ISUNVE       | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| TCP                             | E4P32ISUNVHE      | IS              | 4             | Parallel           | N                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| TCP                             | TCP3P32ISUNVH     | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| TCP                             | E3P32ISUNVHE      | IS              | 3             | Parallel           | H                 | /     | NC       | NC      | NA      | NC      | NC      | NA      |
| Topaz                           | B232IUNVHEH/A-TPZ | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| Topaz                           | B432IUNVHEH/A-TPZ | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232IUNVHP-N      | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232IUNVEL-A      | IS              | 2             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B233IUNVHE-A      | IS              | 2             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B432IUNVHE L-A    | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232IUNVHEH-A     | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NA      | NC      | NC      | NA      |
| Universal Lighting Technologies | B332IUNVHP-A      | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B432IUNVHP-A      | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232I120RES-A     | IS              | 2             | Parallel           | N                 | 0.88  | C        | NA      | NA      | C       | NA      | NA      |
| Universal Lighting Technologies | B132IUNVHP-N      | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NA      | C       | NC      | NA      |
| Universal Lighting Technologies | B232IUNVHP-B      | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232IUNV-C        | IS              | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B432IUNVHE-A      | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B432IUNVHEH-E     | IS              | 4             | Parallel           | H                 | 1.15  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232I277RH-A      | IS              | 2             | Parallel           | H                 | 1.09  | NA       | P,T     | NA      | NA      | C       | NA      |
| Universal Lighting Technologies | B332IHRVHB-E      | IS              | 3             | Parallel           | H                 | /     | NA       | NA      | NC      | NA      | NA      | NC      |
| Universal Lighting Technologies | B132IUNVEL-A      | IS              | 1             | NA                 | L                 | 0.77  | NA       | NA      | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B432I347HE-A      | IS              | 4             | Parallel           | N                 | 0.88  | NA       | NA      | C       | NA      | NA      | C       |
| Universal Lighting Technologies | B432PUNVHE-A      | PS              | 4             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232PUNVHE-B      | PS              | 2             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B332PUNVHE-A      | PS              | 3             | Parallel           | N                 | 0.88  | C        | C       | NA      | C       | C       | NA      |
| Universal Lighting Technologies | B232PU104S50A     | PRS             | 2             | Parallel           | H                 | 1.04  | NA       | NA      | NA      | NC      | NC      | NA      |
| Universal Lighting Technologies | B232PUS50-A       | PRS             | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NA      | NC      | NC      | NA      |
| Universal Lighting Technologies | B232SR277S30      | RS              | 2             | Parallel           | ?                 | ?     | NA       | NA      | NA      | NA      | C       | NA      |
| Watran                          | DB-232N-MV-TP-HE  | IS              | 2             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

LINEAR

| BALLAST/<br>DRIVER BRAND | PART #             | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         |         | N LAMP  |         |         |
|--------------------------|--------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|---------|---------|---------|---------|
|                          |                    |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 347 VAC | 120 VAC | 277 VAC | 347 VAC |
| Watran                   | DB-332N-MV-TP-HE   | IS              | 3             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Watran                   | DB-432N-MV-TP-HE   | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Watran                   | DB-432L-MV-TP-HE   | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | NA      | C       | C       | NA      |
| Watran                   | DB-232N-MV-TP-HESC | IS              | 2             | Parallel           | N                 | 0.87  | C        | C       | NA      | C       | C       | NA      |
| Watran                   | DBG32N-MV-TP-PS-HL | PS              | 3             | Series             | ?                 | ?     | NC       | NC      | NA      | NC      | NC      | NA      |
| Work Horse               | WHS3G3-UNV-T8-IS   | IS              | 3             | Parallel           | N                 | 0.99  | C        | C       | NA      | C       | C       | NA      |
| Work Horse               | WHS4G4-UNV-T8-IS   | IS              | 4             | Parallel           | N                 | 0.96  | C        | C       | NA      | C       | C       | NA      |

DIMMING BALLAST/DRIVER COMPATABILITY

| BALLAST/<br>DRIVER<br>BRAND | PART #                 | START<br>METHOD | # OF<br>LAMPS | BALLAST<br>FACTOR |       | N-1 LAMP   |            |            | N LAMP     |            |            | DIMMING % |       |
|-----------------------------|------------------------|-----------------|---------------|-------------------|-------|------------|------------|------------|------------|------------|------------|-----------|-------|
|                             |                        |                 |               | TYPE              | VALUE | 120<br>VAC | 277<br>VAC | 347<br>VAC | 120<br>VAC | 277<br>VAC | 347<br>VAC | N-1LAMP   | NLAMP |
| General Electric            | GE132MVPSN-V03         | DPS             | 1             | N                 | 0.88  | C          | C          | NA         | C          | C          | NA         | /         | 14.0% |
| KEYSTONE                    | KTLD-2T8LED-UV-IS-VDIM | DPS             | 2             | N                 | 1.18  | C          | C          | NA         | C          | C          | NA         | 16.4%     | 16.1% |

EMERGENCY BALLAST COMPATABILITY

| BALLAST BRAND | PART #          | START METHOD | # OF LAMPS | N LAMP                                   |
|---------------|-----------------|--------------|------------|------------------------------------------|
| EXITRONIX     | XEB-7-B-LM      | AC           | 1          | Can work with these<br>Emergency Ballast |
| KEYSTONE      | KT-EMRG-1300-T5 | AC           | 1          |                                          |
| BODINE        | B50             | AC           | 2          |                                          |
| ESPEN         | VEM500DV (L)    | AC           | 1          |                                          |
| ESPEN         | VEM1300DV (L)   | AC           | 1          |                                          |
| TAMLITE       | BAL1400LPACTD   | AC           | 1          |                                          |

LEGEND

|    |               |    |               |    |                  |    |                |            |                               |    |                |   |          |   |      |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|----------|---|------|
| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal   | H | High |
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   | EIKO.COM |   |      |



# TLED- TYPE A UBEND

## EIKO MODEL #S - UBEND

|                    |                    |                    |                    |                    |                    |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| L11.5WT8/U1/AG/835 | L11.5WT8/U1/AG/840 | L11.5WT8/U1/AG/850 | L11.5WT8/U6/AG/835 | L11.5WT8/U6/AG/840 | L11.5WT8/U6/AG/850 |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|

## UBEND - 1<sup>5</sup>/<sub>8</sub>" AND 6" SPACING

| BALLAST/<br>DRIVER BRAND | PART #                   | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |           | N LAMP  |          |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-------------------|-------|----------|-----------|---------|----------|
|                          |                          |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC   | 120 VAC | 277 VAC  |
| ACT                      | ACT 2P32ISUNVE           | IS              | 2             | Parallel           | N                 | 0.89  | C        | C         | C       | C        |
| ANTRON ELECTRONICS       | A32T8MICLO               | IS              | 2             | Parallel           | L                 | 0.78  | C        | C         | C       | C        |
| ARCATA                   | ACT 3P32ISUNVLE          | IS              | 3             | Parallel           | L                 | 0.78  | C        | C         | C       | C        |
| DAMAR                    | EL232-120/277HF(1688B)   | IS              | 2             | Parallel           | N                 | ?     | C        | NC        | C       | C        |
| DAMAR                    | EL232HL-120/277HF(1688D) | IS              | 2             | Parallel           | H                 | ?     | C        | C         | C       | C        |
| DAMAR                    | EL332-120/277HF(3654C)   | IS              | 3             | Parallel           | N                 | ?     | C        | C         | C       | C        |
| DAMAR                    | EL332HL-120/277HF(3654H) | IS              | 3             | Parallel           | H                 | ?     | C        | C         | C       | C        |
| DAMAR                    | EL432-120/277HF(3093B)   | IS              | 4             | Parallel           | N                 | ?     | C        | C         | C       | C        |
| DAMAR                    | EL432HL-120/277HF(3093C) | IS              | 4             | Parallel           | H                 | ?     | NC       | NC        | NC      | NC       |
| DAMAR                    | EL232DIM/120/277HF       | DPS             | 2             | Series             | L                 | ?     | NC       | NC        | NC      | NC       |
| EIKO                     | PM-2X32T8-UNV-IS-L       | IS              | 2             | Parallel           | L                 | 0.77  | C        | C         | C       | C        |
| EIKO                     | PM-3X32T8-UNV-IS         | IS              | 3             | Parallel           | N                 | 0.87  | C        | C         | C       | C        |
| EIKO                     | PM-3X32T8-UNV-IS-H       | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC        | NC      | NC       |
| EIKO                     | PM-3X32T8-UNV-IS-L       | IS              | 3             | Parallel           | L                 | 0.78  | C        | C         | C       | C        |
| EIKO                     | PM-4X32T8-UNV-IS         | IS              | 4             | Parallel           | N                 | 0.88  | C        | C         | C       | C        |
| EIKO                     | PM-4X32T8-UNV-IS-L       | IS              | 4             | Parallel           | L                 | 0.78  | C        | C         | C       | C        |
| EIKO                     | PM-2X32T8-UNV-IS         | IS              | 2             | Parallel           | N                 | 0.87  | C        | C         | C       | C        |
| EIKO                     | PM-2X32T8-UNV-IS-H       | IS              | 2             | Parallel           | H                 | 1.18  | C        | C         | C       | C        |
| EIKO                     | PM-3X32T8-UNV-PS         | PS              | 3             | Series             | N                 | 0.88  | NC       | NC        | NC      | NC       |
| EIKO                     | PM-3X32T8-UNV-PS-H       | PS              | 3             | Series             | H                 | 1.18  | NC       | NC        | NC      | NC       |
| EIKO                     | PM-2X32T8-UNV-PS         | PS              | 2             | Parallel           | N                 | 0.88  | NC       | NC        | NC      | NC       |
| ESPEN                    | VE232MVHIPE              | IS              | 2             | Parallel           | N                 | 0.89  | C        | C         | C       | C        |
| ESPEN                    | VE232MVHIPHE             | IS              | 2             | Parallel           | H                 | 1.19  | HT       | HT        | HT      | HT       |
| ESPEN                    | VE232MVHIPL              | IS              | 2             | Parallel           | L                 | 0.77  | C        | C         | C       | C        |
| ESPEN                    | VE232MVHRPHT3-AB         | DPS             | 2             | Series             | H                 | 1.20  | S        | S         | S       | S        |
| General Electric         | GE-232-MV-N              | IS              | 2             | Parallel           | N                 | 0.88  | C        | C         | C       | C        |
| General Electric         | GE232MAX-N/ULTRA         | IS              | 2             | Parallel           | N                 | 0.88  | C        | C         | C       | C        |
| General Electric         | GE432MAX-L/ULTRA         | IS              | 4             | Parallel           | L                 | 0.78  | C        | C         | C       | C        |
| General Electric         | GE-232-MAX-H/Ultra       | IS              | 2             | Parallel           | H                 | 1.15  | NC       | NC        | NC      | NC       |
| General Electric         | GE432MAX-G-N             | IS              | 4             | Parallel           | N                 | 0.88  | C        | C         | C       | C        |
| General Electric         | GE132MAX-G-N             | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA        | NC      | NC       |
| General Electric         | GE132MAX-H/ULTRA         | IS              | 1             | NA                 | H                 | 1.18  | NA       | NA        | C       | C        |
| General Electric         | GE132MAX-L/ULTRA         | IS              | 1             | NA                 | L                 | 0.78  | NA       | NA        | NC      | NC       |
| General Electric         | GE132MAXP-N/ULTRA        | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA        | C       | C        |
| General Electric         | GE232MV-N-DIY            | IS              | 2             | Parallel           | N                 | 0.88  | C        | C         | C       | C        |
| General Electric         | GE232MAX-L/ULTRA         | IS              | 2             | Parallel           | L                 | 0.78  | NC       | NC        | NC      | NC       |
| General Electric         | GE232MAX347-N            | IS              | 2             | Parallel           | H                 | 1.02  | NA       | P,T(347V) | NA      | C,(347V) |
| General Electric         | GE332MV-N                | IS              | 3             | Parallel           | N                 | 0.87  | C        | C         | C       | C        |
| General Electric         | GE332MAX-N/ULTRA         | IS              | 3             | Parallel           | N                 | 0.88  | C        | C         | C       | C        |
| General Electric         | GE332MAX-L/ULTRA         | IS              | 3             | Parallel           | L                 | 0.78  | C        | C         | C       | C        |
| General Electric         | GE332MAX-G-N             | IS              | 3             | Parallel           | N                 | 0.87  | C        | C         | C       | C        |
| General Electric         | GE332MAXP-H/ULTRA        | IS              | 3             | Parallel           | H                 | 1.18  | C        | C         | C       | C        |
| General Electric         | GE432-120-RES            | IS              | 4             | Parallel           | N                 | 0.83  | NC       | NA        | NC      | NA       |
| General Electric         | GE432MV-N-42T            | IS              | 4             | Parallel           | N                 | 0.93  | NC       | NC        | NC      | NC       |
| General Electric         | GE432MAX-N/ULTRA         | IS              | 4             | Parallel           | N                 | 0.88  | C        | C         | C       | C        |
| General Electric         | GE432MAX347-N            | IS              | 4             | Parallel           | N                 | 0.94  | NA       | C,(347V)  | NA      | C,(347V) |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

## UBEND - 1<sup>5</sup>/<sub>8</sub>" AND 6" SPACING

| BALLAST/<br>DRIVER BRAND  | PART #                  | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |          | N LAMP  |          |
|---------------------------|-------------------------|-----------------|---------------|--------------------|-------------------|-------|----------|----------|---------|----------|
|                           |                         |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC  | 120 VAC | 277 VAC  |
| General Electric          | GE232MAXP90-V60         | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC       | NC      | NC       |
| General Electric          | GE332MAXP90-V60         | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC       | NC      | NC       |
| General Electric          | GE432MAXP90-S60         | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC       | NC      | NC       |
| General Electric          | GE432MAX-H/ULTRA □      | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC       | NC      | NC       |
| General Electric          | GE432MAX90-S60          | IS              | 4             | Parallel           | H                 | 1.18  | C        | C        | C       | C        |
| General Electric          | GE232MAX-G-L            | IS              | 2             | Parallel           | L                 | 0.77  | C        | C        | C       | C        |
| General Electric          | GE332MAXP-L/ULTRA       | IS              | 3             | Parallel           | L                 | 0.77  | C        | C        | C       | C        |
| General Electric          | GE432MAX347-H           | IS              | 2             | Parallel           | H                 | 1.18  | NA       | C,(347V) | NA      | C,(347V) |
| General Electric          | GE232-MVPS-N            | PS              | 2             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| General Electric          | GE-332-MVPS-N           | PS              | 3             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| General Electric          | GE432-MVPS-N            | PS              | 4             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| General Electric          | GE432MVPS-N-V03         | PS              | 4             | Parallel           | N                 | 0.90  | NC       | NC       | NC      | NC       |
| General Electric          | GE232MVPS-L-S30         | DPS             | 2             | Parallel           | N                 | 0.96  | NC       | NC       | NC      | NC       |
| General Electric          | GE132MVPSN-V03          | DPS             | 1             | n.a                | N                 | 0.88  | NC       | NC       | NC      | NC       |
| General Electric          | GE332MVPSN-V03          | DPS             | 3             | Parallel           | N                 | 0.98  | NC       | NC       | NC      | NC       |
| General Electric          | GE-332-MVPS-H           | PS              | 3             | Parallel           | H                 | ?     | NC       | NC       | NC      | NC       |
| Halco                     | EP232IS/MV/HE           | IS              | 2             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| Halco                     | EP332IS/MV/HE           | IS              | 3             | Parallel           | N                 | 0.87  | C        | C        | C       | C        |
| Halco                     | EP432IS/MV/HE           | IS              | 4             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| Halco                     | EP432IS/L/MV/HE         | IS              | 4             | Parallel           | L                 | 0.78  | C        | C        | C       | C        |
| Halco                     | EP232IS/L/MV/HE         | IS              | 2             | Parallel           | L                 | 0.78  | C        | C        | C       | C        |
| Halco                     | EP232IS/H/MV/HE         | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC       | NC      | NC       |
| Halco                     | EP332IS/L/MV/HE         | IS              | 3             | Parallel           | L                 | 0.78  | NC       | NC       | NC      | NC       |
| HATCH                     | HL232BIS/UV/HE/W        | IS              | 2             | Parallel           | N                 | 0.9   | C        | C        | C       | C        |
| HATCH                     | HL432BIS/UV/HE/W        | IS              | 4             | Parallel           | N                 | 0.9   | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | EPH4/32IS/MV/SC/HE      | IS              | 4             | Parallel           | H                 | 1.16  | NC       | NC       | NC      | NC       |
| HOWARD INDUSTRIES         | EP3/32IS/MV/SC/HE       | IS              | 3             | Parallel           | N                 | 0.87  | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | EPL4/32IS/MV/MC/HE      | IS              | 4             | Parallel           | L                 | 0.77  | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | EPH2/32IS/MV/MC/HE      | IS              | 2             | Parallel           | H                 | 1.18  | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | E2/32IS-120MC           | IS              | 2             | Parallel           | N                 | 0.85  | P,T      | NA       | C       | NA       |
| HOWARD INDUSTRIES         | EPL2/32IS/MV/MC/HE      | IS              | 2             | Parallel           | L                 | 0.78  | C        | P,T      | C       | C        |
| HOWARD INDUSTRIES         | EPL3/32IS/MV/SC/HE      | IS              | 3             | Parallel           | L                 | 0.78  | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | EP4/32IS/MV/MC/HE       | IS              | 4             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | EP2/32IS/MV/MC/HE       | IS              | 2             | Parallel           | N                 | 0.89  | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | EP332ISMVMC/HE          | IS              | 3             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| HOWARD INDUSTRIES         | EPH3/32IS/MV/MC/HE      | IS              | 3             | Parallel           | N                 | 0.91  | NC       | NC       | NC      | NC       |
| HOWARD INDUSTRIES         | EP2/32PRS/MV/MC/HE      | PRS             | 2             | Parallel           | N                 | 0.86  | NC       | NC       | NC      | NC       |
| HOWARD INDUSTRIES         | EP4/32PPRS/MV/SC/HE     | PRS             | 4             | Parallel           | N                 | ?     | C        | C        | C       | C        |
| KEYSTONE                  | KTEB-232-UV-IS-N-P      | IS              | 2             | Parallel           | N                 | 0.87  | C        | C        | C       | C        |
| KEYSTONE                  | KTEB-432RIS-1-TP-SL     | IS              | 4             | Parallel           | N                 | 0.80  | C        | NA       | C       | NA       |
| KEYSTONE                  | KTEB-332-UV-IS-N-P      | IS              | 3             | Parallel           | N                 | 0.87  | C        | C        | C       | C        |
| KEYSTONE                  | KTEB-432-UV-IS-N-P      | IS              | 4             | Parallel           | N                 | 0.87  | C        | C        | C       | C        |
| KEYSTONE                  | KTEB-232LBF-1-TP-PIC-EV | IS              | 2             | Parallel           | N                 | 0.88  | C        | NA       | C       | NA       |
| KEYSTONE                  | KTEB-232-UV-IS-H-P      | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC       | NC      | NC       |
| KEYSTONE                  | KTEB-332-UV-IS-H-P      | IS              | 3             | Parallel           | H                 | 1.18  | C        | C        | C       | C        |
| KEYSTONE                  | KTEB-432-UV-IS-H-P      | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC       | NC      | NC       |
| KEYSTONE                  | KTEB-132-1-TP-FC        | RS              | 1             | NA                 | N                 | ?     | NA       | NA       | NC      | NA       |
| LIGHTING PRODUCTS LIMITED | EB-332EBF-UV-TP-HE      | IS              | 3             | Parallel           | L                 | 0.78  | C        | C        | C       | C        |
| MAXLITE                   | SKEU322HEL/SC           | IS              | 2             | Parallel           | L                 | 0.77  | C        | C        | C       | C        |
| MAXLITE                   | SKEU324HE/SC            | IS              | 4             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |
| MAXLITE                   | SKEU323L/SC             | IS              | 3             | Parallel           | L                 | 0.78  | C        | C        | C       | C        |
| MAXLITE                   | MLEU322HEL/SC           | IS              | 2             | Parallel           | L                 | 0.83  | C        | C        | C       | C        |
| MAXLITE                   | MLEU323H/SC             | IS              | 3             | Parallel           | H                 | 1.18  | C        | C        | C       | C        |
| MAXLITE                   | MLEU324HE/SC            | IS              | 4             | Parallel           | N                 | 0.88  | C        | C        | C       | C        |

### LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|--------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C      | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

## UBEND - 1<sup>5</sup>/<sub>8</sub>" AND 6" SPACING

| BALLAST/<br>DRIVER BRAND | PART #                   | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         | N LAMP   |         |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|----------|---------|
|                          |                          |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 120 VAC  | 277 VAC |
| OSRAM                    | QHE 2x32T8/347 PSN-SC    | PRS             | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QTP 2X32T8/UNV ISN-SC    | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 2X32T8/UNV ISN-SC    | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 2X32T8/UNV ISL-SC    | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 3X32T8/UNV ISH-SC    | IS              | 3             | Parallel           | H                 | 1.18  | NC       | P       | NC       | P       |
| OSRAM SYLVANIA           | QHE 4X32T8/UNV ISN-SC    | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 4X32T8/UNV ISL-SC    | IS              | 4             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QTP 4x32T8/UNV ISN-SC    | IS              | 4             | Parallel           | N                 | 0.88  | C        | T       | C        | C       |
| OSRAM SYLVANIA           | QHE 1X32T8/UNV ISN-SC    | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | C        | C       |
| OSRAM SYLVANIA           | QHE 1X32T8/UNV ISL-SC    | IS              | 1             | NA                 | L                 | 0.78  | NA       | NA      | C        | C       |
| OSRAM SYLVANIA           | QHE 2X32T8/UNV ISH-SC    | IS              | 2             | Parallel           | H                 | 1.20  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QTP 3X32T8/UNV ISN-SC    | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 3X32T8/UNV ISN-SC    | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 3X32T8/UNV ISL-SC    | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QTP2x32T8/277 ISN-D      | IS              | 2             | Parallel           | N                 | 0.78  | NA       | NC      | NA       | NC      |
| OSRAM SYLVANIA           | QT2X32/120 IS-SC         | IS              | 2             | Parallel           | N                 | 0.9   | P,T      | NA      | C        | NA      |
| OSRAM SYLVANIA           | QHE 3x32T8/UNV ISH HT-SC | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QHE 4x32T8/UNV ISH HT-1  | IS              | 4             | Parallel           | H                 | 1.18  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QTP 2X32T8/UNV ISL-SC    | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 2X32T8/UNV ISH HT-SC | IS              | 2             | Parallel           | H                 | 1.2   | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 4x32T8/UNV ISH-SC    | IS              | 4             | Parallel           | H                 | 1.2   | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QT 2x32/347 ISH-SC       | IS              | 2             | Parallel           | H                 | 1.2   | NC       | NA      | C,(347V) | NA      |
| OSRAM SYLVANIA           | QHE 1X32T8/UNV ISH-SC    | IS              | 1             | NA                 | H                 | 1.2   | NA       | NA      | C        | P,T     |
| OSRAM SYLVANIA           | QHE 4X32T8/UNV PSX-SC    | PRS             | 4             | Parallel           | L                 | 0.71  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QHE 2X32T8/UNV PSH-HT    | PRS             | 2             | Parallel           | H                 | 1.18  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 2X32T8/UNV PSN-MC    | PRS             | 2             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 3X32T8/UNV PSN-SC    | PRS             | 3             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QTP 3X32T8/UNV PSX-SC    | PRS             | 3             | Series             | L                 | 0.71  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QTP3X32T8/UNV PSN-SC     | PRS             | 3             | Series             | N                 | 0.88  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QHE 4X32T8/UNV PSN-SC    | PRS             | 4             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| OSRAM SYLVANIA           | QHE 2X32T8/UNV DIM-TC    | PRS             | 2             | Series             | N                 | 0.88  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QTP2x32T8/UNV DIM-TC     | DPS             | 2             | ?                  | N                 | 0.88  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QHE 1X32T8/UNV DIM-TC    | DPS             | 1             | NA                 | N                 | 0.88  | NA       | NA      | NC       | NC      |
| OSRAM SYLVANIA           | QHE 3X32T8/UNV PSH-HT-SC | DPS             | 3             | Parallel           | H                 | 1.15  | NC       | NC      | NC       | NC      |
| OSRAM SYLVANIA           | QHES 2x32T8/UNV PSL-SC   | PRS             | 2             | Parallel           | L                 | 0.71  | NC       | NC      | NC       | NC      |
| Pacific Fluorescent      | EB-232IS-120-RES         | IS              | 2             | Parallel           | N                 | ?     | C        | NA      | C        | NA      |
| Philips-Advance          | IOP-2P32-N               | IS              | 2             | Parallel           | N                 | 0.89  | C        | C       | C        | C       |
| Philips-Advance          | IOP-2P32-LW-N            | IS              | 2             | Parallel           | L                 | 0.77  | C        | C       | C        | C       |
| Philips-Advance          | IOPA-3P32-LW-N           | IS              | 3             | Parallel           | L                 | 0.76  | NC       | NC      | NC       | NC      |
| Philips-Advance          | IOPA-4P32-N              | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | C        | C       |
| Philips-Advance          | IOPA-4P32-HL-SC          | IS              | 4             | Parallel           | H                 | 1.18  | C        | C       | C        | C       |
| Philips-Advance          | IOP-4P32-N               | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | C        | C       |
| Philips-Advance          | IOP-4P32-LW-N            | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | C        | C       |
| Philips-Advance          | ICN-4P32-N               | IS              | 4             | Parallel           | N                 | 0.90  | C        | C       | C        | C       |
| Philips-Advance          | IOP-1P32-N               | IS              | 1             | NA                 | N                 | 0.89  | NA       | NA      | NC       | NC      |
| Philips-Advance          | IOP-2P32HL-SC            | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NC       | NC      |
| Philips-Advance          | ICN-1P32-N               | IS              | 1             | NA                 | N                 | 0.91  | NA       | NA      | NC       | NC      |
| Philips-Advance          | IOPA-1P32-N              | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | NC       | NC      |
| Philips-Advance          | REB-2P32-SC              | IS              | 2             | Parallel           | N                 | 0.88  | NC       | NA      | C        | NA      |
| Philips-Advance          | IOPA-3P32-N              | IS              | 3             | Parallel           | N                 | 0.86  | C        | C       | C        | C       |
| Philips-Advance          | IOP-3P32-N               | IS              | 3             | Parallel           | N                 | 0.87  | NC       | NC      | NC       | NC      |
| Philips-Advance          | REB-4P32-SC              | IS              | 4             | Parallel           | N                 | 0.81  | NC       | NA      | NC       | NA      |
| Philips-Advance          | IOP-4P32-HL-SC           | IS              | 4             | Parallel           | H                 | 1.18  | NC       | NC      | NC       | NC      |
| Philips-Advance          | ICN-3P32-N               | IS              | 3             | Parallel           | N                 | 0.88  | NC       | NC      | NC       | NC      |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

## UBEND - 1<sup>5</sup>/<sub>8</sub>" AND 6" SPACING

| BALLAST/<br>DRIVER BRAND | PART #            | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         | N LAMP   |         |
|--------------------------|-------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|----------|---------|
|                          |                   |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 120 VAC  | 277 VAC |
| Philips-Advance          | VEL-2P32-SC       | IS              | 2             | Parallel           | N                 | 0.88  | NA       | NC      | NA       | NC      |
| Philips-Advance          | IOPA-2P32-HL-N    | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NC       | NC      |
| Philips-Advance          | VEL-2P32-RH-TP    | IS              | 2             | Parallel           | N                 |       | NA       | P,T     | NA       | C       |
| Philips-Advance          | IOP-3P32HL-90C-SC | IS              | 3             | Parallel           | H                 | 1.22  | NC       | NC      | NC       | NC      |
| Philips-Advance          | IOP-4P32-SC       | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | S        | S       |
| Philips-Advance          | IOPA-4P32-SC      | IS              | 4             | Parallel           | N                 | 0.92  | C        | C       | C        | C       |
| Philips-Advance          | ICN-132-MC        | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | C        | C       |
| Philips-Advance          | ICN-2P16-TLED-N   | IS              | 2             | Parallel           | ?                 | ?     | NC       | NC      | NC       | NC      |
| Philips-Advance          | ICN-4P16-TLED-N   | IS              | 4             | Parallel           | ?                 | ?     | NC       | NC      | NC       | NC      |
| Philips-Advance          | GOPA-2P32-N       | IS              | 2             | Parallel           | N                 | /     | C,(347V) | NA      | C,(347V) | NA      |
| Philips-Advance          | IOP-2P32-LW-SC    | IS              | 2             | Parallel           | /                 | /     | NC       | NC      | NC       | NC      |
| Philips-Advance          | IOP-1P32-LW-SC    | IS              | 1             | Parallel           |                   | /     | NA       | NA      | C        | C       |
| Philips-Advance          | ICN-3P16-TLED-N   | IS              | 3             | Parallel           | N                 | /     | NC       | NC      | NC       | NC      |
| Philips-Advance          | IOP-2PSP32-N      | PS              | 2             | Parallel           | N                 | 0.94  | NC       | NC      | C        | C       |
| Philips-Advance          | IOP-3PSP32-SC     | PS              | 3             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| Philips-Advance          | IOP-3PSP32-LW-SC  | PS              | 3             | Parallel           | L                 | 0.69  | C        | C       | C        | C       |
| Philips-Advance          | IOP-4PSP32-LW-SC  | PS              | 4             | Parallel           | L                 | 0.69  | C        | C       | C        | C       |
| Philips-Advance          | IOP-2S32-SC       | PS              | 2             | Series             | N                 | 0.87  | NC       | NC      | NC       | NC      |
| Philips-Advance          | IZT-2S32-SC       | DPS             | 2             | Series             | N                 | 1.00  | NC       | NC      | NC       | NC      |
| Philips-Advance          | IOP-2PSP32-LW-N   | PS              | 2             | Parallel           | L                 | 0.71  | NC       | NC      | C        | C       |
| Philips-Advance          | IZT-2PSP32-SC     | DPS             | 2             | Parallel           | N                 | 1.00  | NC       | NC      | NC       | NC      |
| Philips-Advance          | REZ-3S32-SC       | DPS             | 3             | Series             | N                 | 0.97  | NC       | NA      | NC       | NA      |
| Philips-Advance          | REZ-2S32-SC       | DPS             | 2             | Series             | N                 | ?     | NC       | NA      | NC       | NA      |
| Philips-Advance          | IZT-3PSP32-SC     | DPS             | 3             | Parallel           | H                 | 1     | NC       | NC      | NC       | NC      |
| Philips-Advance          | REZ-132-SC        | DPS             | 1             | NA                 | H                 | 1     | NA       | NA      | NC       | NA      |
| Philips-Advance          | IOP-1S32-SC       | PS              | 1             | Parallel           | N                 | 0.87  | NC       | NC      | NC       | NC      |
| PLUSRITE                 | BAF232IS/MV       | IS              | 2             | Parallel           | N                 | 0.89  | C        | C       | C        | C       |
| PLUSRITE                 | BAF332IS/MV       | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| Plusrite                 | BAF232IS/MV/L     | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| Plusrite                 | BAF332IS/MV/L     | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| Plusrite                 | BAF432IS/MV       | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| Plusrite                 | BAF432IS/MV/L     | IS              | 4             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| ProLume                  | EP232IS/L/MV/SL   | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| Prolume                  | E432IS/120/R/SL   | IS              | 4             | Parallel           | N                 | 0.87  | NC       | NA      | NC       | NA      |
| SOLA                     | E-758-U-232-MC    | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| SUNPARK                  | 120-1/32IS HPF    | IS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | C        | NA      |
| SUNPARK                  | U-2/32IS HBF      | IS              | 2             | Parallel           | H                 | 1.18  | C        | C       | C        | C       |
| SUNPARK                  | U-2/32ISE-LBF     | IS              | 2             | Parallel           | L                 | 0.78  | C        | C       | C        | C       |
| SUNPARK                  | U-3/32ISE         | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| SUNPARK                  | U-3/32ISE-HBF     | IS              | 3             | Parallel           | H                 | 1.18  | C        | C       | C        | C       |
| SUNPARK                  | 120-3/32IS MPF    | IS              | 3             | Parallel           | N                 | 0.88  | PT       | NA      | PT       | NA      |
| SUNPARK                  | U-4/32IS HP,F     | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |
| SUNPARK                  | U-4/32IS HBF      | IS              | 4             | Parallel           | H                 | 1.18  | C        | C       | C        | C       |
| SUNPARK                  | U-4/32ISE-LBF     | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | C        | C       |
| SUNPARK                  | U-1/32PSE         | PS              | 1             | NA                 | N                 | 0.88  | NA       | NA      | C        | C       |
| SUNPARK                  | U-2/32PSE         | RS              | 2             | ?                  | N                 | 0.88  | NC       | NC      | NC       | NC      |
| SUNPARK                  | U-2/32PSE-HBF     | RS              | 2             | ?                  | H                 | 1.15  | NA       | NC      | NC       | NC      |
| SUNPARK                  | U-232PS3          | RS              | 2             | ?                  | N                 | 0.88  | NC       | NC      | NC       | NC      |
| SUNPARK                  | U-232PS3-HBF      | RS              | 2             | ?                  | H                 | 1.15  | NC       | NC      | NC       | NC      |
| SUNPARK                  | SL15T             | PS              | 2             | Series             | N                 | 0.88  | P,T      | NA      | P,T      | NA      |
| SUNPARK                  | LC 12011T         | PS              | 1             | NA                 | H                 | ?     | NA       | NA      | C        | NA      |
| SUNPARK                  | LC 12013T         | PS              | 1             | NA                 | H                 | ?     | NA       | NA      | NC       | NA      |
| Superior Life            | 70201             | IS              | 2             | Parallel           | N                 | 0.88  | C        | NC      | C        | C       |
| Superior Life            | 70210             | PS              | 2             | Parallel           | N                 | 0.88  | C        | C       | C        | C       |

## LEGEND

| IS | Instant Start | PH | Preheat Start | PS | Programmed Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start and Dimmable | L  | Low            | N | Normal | H        | High |
|----|---------------|----|---------------|----|------------------|----|----------------|------------|-------------------------------|----|----------------|---|--------|----------|------|
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85        | NA | Not Applicable | C          | Compatible                    | NC | Not Compatible |   |        | EIKO.COM |      |

## UBEND - 1<sup>5</sup>/<sub>8</sub>" AND 6" SPACING

| BALLAST/<br>DRIVER BRAND        | PART #             | START<br>METHOD | # OF<br>LAMPS | LAMP<br>CONNECTION | BALLAST<br>FACTOR |       | N-1 LAMP |         | N LAMP  |         |
|---------------------------------|--------------------|-----------------|---------------|--------------------|-------------------|-------|----------|---------|---------|---------|
|                                 |                    |                 |               |                    | TYPE              | VALUE | 120 VAC  | 277 VAC | 120 VAC | 277 VAC |
| Superior Life                   | 70211              | PS              | 4             | Parallel           | N                 | 0.87  | C        | C       | C       | C       |
| TCP                             | E2P32ISUNVHE       | IS              | 2             | Parallel           | H                 | 1.18  | C        | NC      | C       | C       |
| TCP                             | E4P32ISUNVLE       | IS              | 4             | Parallel           | L                 | 0.78  | C        | NC      | NC      | C       |
| TCP                             | E3P32ISUNVE        | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | C       | C       |
| TCP                             | E3P32ISUNVLE       | IS              | 3             | Parallel           | L                 | 0.78  | C        | C       | C       | C       |
| TCP                             | E4P32ISUNVE        | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | C       | C       |
| TCP                             | TCP3P32ISUNVH      | IS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NC      | NC      |
| TOPAZ                           | B232IUNVHEH/A-TPZ  | IS              | 2             | Parallel           | H                 | 1.18  | NC       | NC      | NC      | NC      |
| TOPAZ                           | B432IUNVHEH/A-TPZ  | IS              | 4             | Parallel           | H                 | 1.18  | C        | C       | C       | C       |
| Universal Lighting Technologies | B232IUNVHP-N       | IS              | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NC      | NC      |
| Universal Lighting Technologies | B232IUNVEL-A       | IS              | 2             | Parallel           | L                 | 0.77  | C        | C       | C       | C       |
| Universal Lighting Technologies | B233IUNVHE-A       | IS              | 2             | Parallel           | N                 | 0.87  | C        | C       | C       | C       |
| Universal Lighting Technologies | B432IUNVHE L-A     | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | C       | C       |
| Universal Lighting Technologies | B332IUNVHP-A       | IS              | 3             | Parallel           | N                 | 0.88  | C        | C       | C       | C       |
| Universal Lighting Technologies | B432IUNVHP-A       | IS              | 4             | Parallel           | N                 | 0.88  | C        | C       | C       | C       |
| Universal Lighting Technologies | B232I120RES-A      | IS              | 2             | Parallel           | N                 | 0.88  | NC       | NA      | NC      | NA      |
| Universal Lighting Technologies | B132IUNVHP-N       | IS              | 1             | n.a                | N                 | 0.88  | NA       | NA      | C       | C       |
| Universal Lighting Technologies | B232IUNVHP-B       | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | C       | C       |
| Universal Lighting Technologies | B232IUNV-C         | IS              | 2             | Parallel           | N                 | 0.88  | C        | C       | C       | C       |
| Universal Lighting Technologies | B432IUNVHE-A       | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | C       | C       |
| Universal Lighting Technologies | B432IUNVHEH-E      | IS              | 4             | Parallel           | H                 | 1.15  | C        | C       | C       | C       |
| Universal Lighting Technologies | B232I277RH-A       | IS              | 4             | Parallel           | N                 | 0.88  | NA       | T       | NA      | C       |
| Universal Lighting Technologies | B232PUNVHE-B       | PS              | 2             | Parallel           | N                 | 0.88  | C        | PT      | C       | C       |
| Universal Lighting Technologies | B332PUNVHEH-A      | PS              | 3             | Parallel           | H                 | 1.18  | NC       | NC      | NC      | NC      |
| Universal Lighting Technologies | B232PU104S50A      | PRS             | 2             | Parallel           | H                 | 1.04  | NC       | NC      | NC      | NC      |
| Universal Lighting Technologies | B232PUNVHP-A       | PS              | 2             | Parallel           | N                 | 0.88  | NC       | NC      | NC      | NC      |
| Watran                          | DB-232N-MV-TP-HE   | IS              | 2             | Parallel           | N                 | 0.87  | C        | C       | C       | C       |
| Watran                          | DB-332N-MV-TP-HE   | IS              | 3             | Parallel           | N                 | 0.87  | C        | C       | C       | C       |
| Watran                          | DB-432N-MV-TP-HE   | IS              | 4             | Parallel           | N                 | 0.87  | C        | C       | C       | C       |
| Watran                          | DB-432L-MV-TP-HE   | IS              | 4             | Parallel           | L                 | 0.77  | C        | C       | C       | C       |
| Watran                          | DB-232N-MV-TP-HESC | IS              | 2             | Parallel           | N                 | 0.87  | C        | NC      | C       | C       |
| Watran                          | DBG32N-MV-TP-PS-HL | PS              | 3             | ?                  | H                 | ?     | NC       | NC      | NC      | NC      |
| WORK HORSE                      | WHS G3-UNV-T8-IS   | IS              | 3             | Parallel           | N                 | 0.99  | C        | C       | C       | C       |
| WORK HORSE                      | WHS G4-UNV-T8-IS   | IS              | 4             | Parallel           | N                 | 0.96  | NC       | C       | C       | C       |

## LEGEND

|           |               |           |               |           |                  |           |                |               |                               |           |                |          |        |          |      |
|-----------|---------------|-----------|---------------|-----------|------------------|-----------|----------------|---------------|-------------------------------|-----------|----------------|----------|--------|----------|------|
| <b>IS</b> | Instant Start | <b>PH</b> | Preheat Start | <b>PS</b> | Programmed Start | <b>RS</b> | Rapid Start    | <b>PS/DIM</b> | Programmed Start and Dimmable | <b>L</b>  | Low            | <b>N</b> | Normal | <b>H</b> | High |
| <b>NT</b> | Not Tested    | <b>T</b>  | THD > 30%     | <b>P</b>  | PF < 0.85        | <b>NA</b> | Not Applicable | <b>C</b>      | Compatible                    | <b>NC</b> | Not Compatible |          |        | EIKO.COM |      |

DIMMING BALLAST/DRIVER COMPATABILITY

| BALLAST/<br>DRIVER<br>BRAND | PART #                 | START<br>METHOD | # OF<br>LAMPS | BALLAST<br>FACTOR |       | N-1 LAMP   |            |            | N LAMP     |            |            | DIMMING % |       |
|-----------------------------|------------------------|-----------------|---------------|-------------------|-------|------------|------------|------------|------------|------------|------------|-----------|-------|
|                             |                        |                 |               | TYPE              | VALUE | 120<br>VAC | 277<br>VAC | 347<br>VAC | 120<br>VAC | 277<br>VAC | 347<br>VAC | N-1LAMP   | NLAMP |
| General Electric            | GE132MVPSN-V03         | DPS             | 1             | N                 | 0.88  | C          | C          | NA         | C          | C          | NA         | /         | 14.0% |
| KEYSTONE                    | KTLD-2T8LED-UV-IS-VDIM | DPS             | 2             | N                 | 1.18  | C          | C          | NA         | C          | C          | NA         | 16.4%     | 16.1% |

EMERGENCY BALLAST COMPATABILITY

| BALLAST BRAND | PART #          | START METHOD | # OF LAMPS | N LAMP                                   |
|---------------|-----------------|--------------|------------|------------------------------------------|
| EXITRONIX     | XEB-7-B-LM      | AC           | 1          | Can work with these<br>Emergency Ballast |
| KEYSTONE      | KT-EMRG-1300-T5 | AC           | 1          |                                          |
| BODINE        | B50             | AC           | 2          |                                          |
| ESPEN         | VEM500DV (L)    | AC           | 1          |                                          |
| ESPEN         | VEM1300DV (L)   | AC           | 1          |                                          |
| TAMLITE       | BAL1400LPACTD   | AC           | 1          |                                          |

LEGEND

|    |               |    |               |    |                     |    |                |            |                                  |    |                |   |        |          |      |
|----|---------------|----|---------------|----|---------------------|----|----------------|------------|----------------------------------|----|----------------|---|--------|----------|------|
| IS | Instant Start | PH | Preheat Start | PS | Programmed<br>Start | RS | Rapid Start    | PS/<br>DIM | Programmed Start<br>and Dimmable | L  | Low            | N | Normal | H        | High |
| NT | Not Tested    | T  | THD > 30%     | P  | PF < 0.85           | NA | Not Applicable | C          | Compatible                       | NC | Not Compatible |   |        | EIKO.COM |      |



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