

SmartDrive T8 LED Tube Ballast Compatibility List



4' LAMPS: KT-LED11.5T8-48G-8XX-S, KT-LED11.5T8-48GC-8XX-S,
KT-LED15T8-48G-8XX-S, KT-LED15T8-48GC-8XX-S

Check back often for updates. If the ballast you are looking for is not on this list, please contact us, and we will make every effort to evaluate compatibility.

Note: Reduced Lamp Load is defined as operating one less lamp than the ballast is rated for.

4' Lamps, 120-277V Input

| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|---------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Keystone | KTEB-132-UV-IS-N-P | IS | 1 | N | N.A. | ✓ | ✓ | - | - |
| | KTEB-132-UV-IS-L-P | IS | 1 | L | N.A. | ✓ | ✓ | - | - |
| | KTEB-232-UV-IS-N-P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-IS-L-P | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-IS-H-P | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232RIS-1-TP-SL | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| | KTEB-332-UV-IS-N-P | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-IS-L-P | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-IS-H-P | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432-UV-IS-N-P | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432-UV-IS-L-P | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432-UV-IS-H-P | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432RIS-1-TP-SL | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| | KTEB-232-UV-PS-N-P | PS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-PS-L-P | PS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-PS-H-P | PS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-PS-N-P | PS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-PS-L-P | PS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-PS-H-P | PS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432-UV-PS-N-P | PS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| KTEB-432-UV-PS-L-P | PS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ | |

✓ Yes
 - N/A
 x No

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2. Keystone SmartDrive LED Lamp Compatibility does not make any guarantees of electrical performance or lifetime for ballasts that are not manufactured by Keystone.
3. Ballast Compatibility testing is performed with specific date codes. Please contact Keystone for more information on date code of ballasts tested.
4. All data subject to change.

Specifications subject to change. Revised 8.21.17

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|--------------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| ACT | ACT 2P32ISUNVE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| Antron Electronics | A32T8MICLO | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| Arcata | ACT 3P32ISUNVLE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| Damar | EL232-120/277HF(1688B) | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✗ |
| | EL232HL-120/277HF(1688D) | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL332-120/277HF(3654C) | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL332HL-120/277HF(3654H) | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL432-120/277HF(3093B) | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL432HL-120/277HF(3093C) | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| EIKO | EL232DIM/120/277HF | DPS | 2 | L | Series | ✗ | ✗ | ✗ | ✗ |
| | PM-2X32T8-UNV-IS-L | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-IS | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-IS-H | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-IS-L | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-4X32T8-UNV-IS | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-4X32T8-UNV-IS-L | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-2X32T8-UNV-IS | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-2x32T8-UNV-IS-H | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-PS | PS | 3 | N | Series | ✗ | ✗ | ✗ | ✗ |
| | PM-3X32T8-UNV-PS-H | PS | 3 | H | Series | ✗ | ✗ | ✗ | ✗ |
| PM-2x32T8-UNV-PS | PS | 2 | N | Parallel | ✗ | ✗ | ✗ | ✗ | |
| ESPEN | VE232MVHIPE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | VE232MVHIPHE | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | VE232MVHIPL | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | VE232MVHRPHT3-AB | DPS | 2 | H | Series | ✗ | ✗ | ✗ | ✗ |
| General Electric | GE-232-MV-N P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAX-N/ULTRA P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432MAX-H/ULTRA P | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432MAX-L/ULTRA P | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE-232-MAX-H/Ultra P | IS | 2 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE432MAX-G-N | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE132MAX-G-N | IS | 1 | N | N.A. | ✗ | ✗ | - | - |
| | GE132MAX-H/ULTRA | IS | 1 | H | N.A. | ✓ | ✓ | - | - |
| | GE132MAX-L/ULTRA | IS | 1 | L | N.A. | ✗ | ✗ | - | - |
| GE132MAXP-N/ULTRA | IS | 1 | N | N.A. | ✓ | ✓ | - | - | |
| GE232MV-N-DIY | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ | |

✓ Yes
 - N/A
 ✗ No

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------------------|--------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| General Electric (Continued) | GE232MAX-L/ULTRA | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MV-N | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAX-N/ULTRA | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAX-L/ULTRA | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAX-G-N | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAXP-H/ULTRA | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432-120-RES | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| | GE432MV-N-42T | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432MAX-N/ULTRA | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAXP90-V60 | IS | 2 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE332MAXP90-V60 | IS | 3 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE432MAXP90-S60 | IS | 4 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE432MAX90-S60 | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432MAX-H/ULTRA P | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAX-G-L | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAXP-L/ULTRA | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232-MVPS-N | PS | 2 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE-332-MVPS-N | PS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432-MVPS-N | PS | 4 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE432MVPS-N-V03 | PS | 4 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE-232-MV-PS-N | PS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MVPS-L-S30 | DPS | 2 | 1 | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE132MVPSN-V03 | DPS | 1 | N | N.A. | ✗ | ✗ | - | - |
| GE332MVPSN-V03 | DPS | 3 | N | Parallel | ✗ | ✗ | ✗ | ✗ | |
| Halco | EP232IS/MV/HE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP332IS/MV/HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP432IS/MV/HE | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP432IS/L/MV/HE | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP232IS/L/MV/HE | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP232IS/H/MV/HE | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP332IS/L/MV/HE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP432IS/120/MC | IS | 4 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| HATCH | HL232BIS/UV/HE/W | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✗ |
| | HL432BIS/UV/HE/W | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| Howard Industries | EPH4/32IS/MV/SC/HE | IS | 4 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | EP3/32IS/MV/SC/HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EPL4/32IS/MV/MC/HE | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |

✓ Yes
 - N/A
 ✗ No

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|----------------------------------|----------------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Howard Industries (Continued) | EPH2/321S/MV/MC/HE | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | E2/32IS-120MC | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| | EPL2/32IS/MV/MC/HE | IS | 2 | L | Parallel | ✓ | ✗ | ✓ | ✓ |
| | EPL3/32IS/MV/SC/HE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP4/32IS/MV/MC/HE | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP2/32IS/MV/MC/HE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP3/32IS/MV/MC/HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EPH3/32IS/MV/MC/HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP2/32PRS/MV/MC/HE | PRS | 2 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | EP4/32PPRS/MV/SC/HE | PRS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| Lighting Products Limited | EB-332EBF-UV-TP-HE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| Maxlite | SKEU322HEL/SC | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | SKEU324HE/SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | SKEU323L/SC | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | MLEU322HEL/SC | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | MLEU323H/SC | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | MLEU324HE/SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| Osram Sylvania | QTP 2X32T8/UNV ISN-SC P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV ISN-SC P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV ISL-SC P | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV ISH-SC | IS | 3 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | QHE 4X32T8/UNV ISN-SC P | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 4X32T8/UNV ISL-SC P | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP 4x32T8/UNV ISN-SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 4X32T8/UNV ISH HT-1 | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 1X32T8/UNV ISN-SC | IS | 1 | N | N.A. | ✓ | ✓ | - | - |
| | QHE 1X32T8/UNV ISL-SC | IS | 1 | L | N.A. | ✓ | ✓ | - | - |
| | QHE 2X32T8/UNV ISH-SC | IS | 2 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | QTP 3X32T8/UNV ISN-SC | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV ISN-SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV ISL-SC | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP2X32T8/277 ISN-D | IS | 2 | L | Parallel | - | ✗ | - | ✗ |
| | QT2X32/120 IS-SC | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| | QHE 3X32T8/UNV ISH HT-SC | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP 2X32T8/UNV ISL-SC | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV ISH HT-SC P | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |

✓ Yes
 - N/A
 ✗ No

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|-------------------------------|--------------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Osram Sylvania (Continued) | QHE 1X32T8/UNV ISH-SC | IS | 1 | L | N.A. | ✓ | ✓ | - | - |
| | QHE 4x32T8/UNV ISH-SC | IS | 4 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | QHE 4X32T8/UNV PSX-SC | PRS | 4 | L | Parallel | ✗ | ✗ | ✗ | ✗ |
| | QHE 2X32T8/UNV PSH-HT | PRS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV PSN-MC | PRS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV PSN-SC | PRS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP 3X32T8/UNV PSX-SC | PRS | 3 | L | Series | ✗ | ✗ | ✗ | ✗ |
| | QTP3X32T8/UNV PSN-SC | PRS | 3 | N | Series | ✗ | ✗ | ✗ | ✗ |
| | QHE 4X32T8/UNV PSN-SC | PRS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV DIM-TC | PRS | 2 | N | Series | ✗ | ✗ | ✗ | ✗ |
| | QTP2X32T8/UNV DIM-TC | DPS | 2 | N | ? | ✗ | ✗ | ✗ | ✗ |
| | QHE 1X32T8/UNV DIM-TC | DPS | 1 | N | N.A. | ✗ | ✗ | - | - |
| | QHE 3X32T8/UNV PSH-HT-SC | DPS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHES 2x32T8/UNV PSL-SC | PRS | 2 | L | Parallel | ✗ | ✗ | ✗ | ✗ |
| Pacific Flourescent | EB-232IS-120-RES | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| Philips-Advance | ICN-2P32-N | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-2P32-N | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-2P32-LW-N | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOPA-3P32-LW-N | IS | 3 | L | Parallel | ✗ | ✗ | ✗ | ✗ |
| | IOPA-4P32-N | IS | 4 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | IOP-4P32-N | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOPA-4P32-HL-SC | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-4P32-LW-N | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | ICN-4P32-N | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-1P32-N | IS | 1 | N | N.A. | ✗ | ✗ | - | - |
| | IOP-2P32HL-SC | IS | 2 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | ICN-1P32-N | IS | 1 | N | N.A. | ✗ | ✗ | - | - |
| | IOPA-1P32-N | IS | 1 | N | N.A. | ✗ | ✗ | - | - |
| | REB-2P32-SC | IS | 2 | N | Parallel | ✓ | - | ✗ | - |
| | IOPA-3P32-N | IS | 3 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | IOP-3P32-N | IS | 3 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | REB-4P32-SC | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| | IOP-4P32-HL-SC | IS | 4 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | ICN-3P32-N | IS | 3 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | VEL-2P32-SC | IS | 2 | N | Parallel | - | ✗ | - | ✗ |
| IOPA-2P32-HL-N | IS | 2 | H | Parallel | ✗ | ✗ | ✗ | ✗ | |

✓ Yes
 - N/A
 ✗ No

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| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Philips-Advance (Continued) | VEL-2P32-RH-TP | IS | 2 | N | Parallel | - | ✓ | - | ✓ |
| | IOP-3P32HL-90C-SC | IS | 3 | H | Parallel | x | x | x | x |
| | IOP-4P32-SC | IS | 4 | N | Parallel | x | x | x | x |
| | IOPA-4P32-SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | ICN-132-MC | IS | 1 | N | N.A. | ✓ | ✓ | - | - |
| | IOP-2PSP32-N | PS | 2 | N | Parallel | ✓ | ✓ | x | x |
| | IOP-3PSP32-SC | PS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-3PSP32-LW-SC | PS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-4PSP32-SC | PS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-4PSP32-LW-SC | PS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-2S32-SC | PS | 2 | N | Series | x | x | x | x |
| | IZT-2S32-SC | DPS | 2 | N | Series | x | x | x | x |
| | IOP-2PSP32-LW-N | PS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IZT-2PSP32-SC | DPS | 2 | N | Parallel | x | x | x | x |
| | REZ-3S32-SC | DPS | 3 | N | Series | x | - | x | - |
| | REZ-2S32-SC | DPS | 2 | N | Series | x | - | x | - |
| | IZT-3PSP32-SC | DPS | 3 | H | Parallel | x | x | x | x |
| | REZ-132-SC | DPS | 1 | H | N.A. | x | - | - | - |
| Plusrite | BAF232IS/MV | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF332IS/MV | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF232IS/MV/L | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF332IS/MV/L | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF432IS/MV | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF432IS/MV/L | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| ProLume | EP232IS/L/MV/SL | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | E432IS/120/R/SL | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| SOLA | E-758-U-232-MC | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| Sunpark | 120-1/32IS HPF | IS | 1 | N | N.A. | ✓ | - | - | - |
| | U-2/32IS HBF | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-2/32ISE-LBF | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-3/32ISE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-3/32ISE-HBF | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | 120-3/32IS MPF | IS | 3 | N | Parallel | ✓ | - | ✓ | - |
| | U-4/32IS HP,F | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-4/32IS HBF | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-4/32ISE-LBF | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |

✓ Yes
 - N/A
 x No

1. SmartDrive LED 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.
 2. Keystone SmartDrive LED Lamp Compatibility does not make any guarantees of electrical performance or lifetime for ballasts that are not manufactured by Keystone.
 3. Ballast Compatibility testing is performed with specific date codes. Please contact Keystone for more information on date code of ballasts tested.
 4. All data subject to change.

Specifications subject to change. Revised 8.21.17



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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------------------|-------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Sunpark (Continued) | U-1/32PSE | PS | 1 | N | N.A. | x | x | - | - |
| | U-2/32PSE | RS | 2 | N | | x | x | x | x |
| | U-2/32PSE-HBF | RS | 2 | H | | x | x | x | x |
| | U-232PS3 | RS | 2 | N | | x | x | x | x |
| | U-232PS3-HBF | RS | 2 | H | | x | x | x | x |
| | SL15T | PS | 2 | N | Series | ✓ | - | ✓ | - |
| | LC 12011T | PS | 1 | H | N.A. | ✓ | - | - | - |
| | LC 12013T | PS | 1 | H | N.A. | x | - | - | - |
| Superior Life | 70201 | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | x |
| | 70210 | PS | 2 | N | Parallel | x | x | x | x |
| | 70211 | PS | 4 | N | Parallel | x | x | x | x |
| TCP | E2P32ISUNVHE | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | x |
| | E4P32ISUNVLE | IS | 4 | L | Parallel | ✓ | x | ✓ | x |
| | E3P32ISUNVE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | E3P32ISUNVLE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | x |
| | E4P32ISUNVE | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | TCP3P32ISUNVH | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| Topaz | B232IUNVHEH/A-TPZ | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHEH/A-TPZ | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| Universal Lighting Technologies | B232IUNVHP-N | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232IUNVEL-A | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B233IUNVHE-A | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHE L-A | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B332IUNVHP-A | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHP-A | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232I120RES-A | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| | B132IUNVHP-N | IS | 1 | N | N.A. | ✓ | x | - | - |
| | B232IUNVHP-B | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232IUNV-C | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHE-A | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHEH-E | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232I277RH-A | IS | 4 | H | Parallel | - | ✓ | - | ✓ |
| | B432PUNVHE-A | PS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232PUNVHE-B | PS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B332PUNVHEH-A | PS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232PU104S50A | PRS | 2 | H | Parallel | x | x | x | x |
| | B232PUNVHP-A | PS | 2 | N | Parallel | x | x | x | x |

✓ Yes
 - N/A
 x No

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4. All data subject to change.

Specifications subject to change. Revised 8.21.17

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|---------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Watran | DB-232N-MV-TP-HE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-332N-MV-TP-HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-432N-MV-TP-HE | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-432L-MV-TP-HE | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-232N-MV-TP-HE SC | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DBG32N-MV-TP-PS-HL | PS | 3 | H | | ✗ | ✗ | ✗ | ✗ |
| Work Horse | WHS3G-UNV-T8-IS | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | WHS4G-UNV-T8-IS | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |

4' Lamps, 347-480V

| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|-----------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 347 | 480 | 347 | 480 |
| General Electric | GE432MAX347-N | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| Osram | QHE 2x32T8/347 PSN-SC | PRS | 2 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | QT 2x32/347 ISH-SC | IS | 2 | H | Parallel | ✓ | - | - | - |

✓ Yes
 - N/A
 ✗ No

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SmartDrive T8 LED Tube Ballast Compatibility List

2' & 3' LAMPS: KT-LED8T8-24G-8xx-S, KT-LED8T8-24GC-8xx-S
KT-LED11T8-36G-8xx-S, KT-LED11T8-36GC-8xx-S



Check back often for updates. If the ballast you are looking for is not on this list, please contact us, and we will make every effort to evaluate compatibility.

Note: Reduced Lamp Load is defined as operating one less lamp than the ballast is rated for.

2' & 3' Lamps, 120-277V

| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|---------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Keystone | KTEB-132-UV-IS-N-P | IS | 1 | N | N.A. | ✓ | ✓ | - | - |
| | KTEB-132-UV-IS-L-P | IS | 1 | L | N.A. | ✓ | ✓ | - | - |
| | KTEB-232-UV-IS-N-P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-IS-L-P | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-IS-H-P | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232RIS-1-TP-SL | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| | KTEB-332-UV-IS-N-P | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-IS-L-P | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-IS-H-P | IS | 3 | H | Parallel | ✓ | ✗ | ✓ | ✗ |
| | KTEB-432-UV-IS-N-P | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432-UV-IS-L-P | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432-UV-IS-H-P | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432RIS-1-TP-SL | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| | KTEB-232-UV-PS-N-P | PS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-PS-L-P | PS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-232-UV-PS-H-P | PS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-PS-N-P | PS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-PS-L-P | PS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-332-UV-PS-H-P | PS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | KTEB-432-UV-PS-N-P | PS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| KTEB-432-UV-PS-L-P | PS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ | |

✓ Yes
 - N/A
 ✗ No

1. SmartDrive LED 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.
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3. Ballast Compatibility testing is performed with specific date codes. Please contact Keystone for more information on date code of ballasts tested.
4. 2' and 3' Lamps may experience flickering or buzzing noise when input voltage is greater than 277V.
5. All data subject to change.

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|---------------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Antron Electronics | A32T8MICLO | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| Arcata | ACT 2P32ISUNVE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | ACT 3P32ISUNVLE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| Damar | EL232-120/277H-F(1688B) | IS | 2 | N | Parallel | ✓ | ✗ | ✓ | ✗ |
| | EL232HL-120/277H-F(1688D) | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL332-120/277H-F(3654C) | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL332HL-120/277H-F(3654H) | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL432-120/277H-F(3093B) | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL432HL-120/277H-F(3093C) | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EL232DIM/120/277HF | DPS | 2 | L | Series | ✗ | ✗ | ✗ | ✗ |
| EIKO | PM-2X32T8-UNV-IS-L | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-IS-H | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-IS | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-IS-L | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-4X32T8-UNV-IS | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-4X32T8-UNV-IS-L | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-2X32T8-UNV-IS | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-2x32T8-UNV-IS-H | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | PM-3X32T8-UNV-PS | PS | 3 | N | Series | ✗ | ✗ | ✗ | ✗ |
| | PM-3X32T8-UNV-PS-H | PS | 3 | H | Series | ✗ | ✗ | ✗ | ✗ |
| PM-2x32T8-UNV-PS | PS | 2 | N | Parallel | ✗ | ✗ | ✗ | ✗ | |
| ESPEN | VE232MVHIPE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | VE232MVHIPHE | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | VE232MVHIPL | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | VE232MVHRPHT3-AB | DPS | 2 | H | Series | ✗ | ✗ | ✗ | ✗ |
| General Electric | GE-232-MV-N P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAX-N/ULTRA P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432MAX-H/ULTRA P | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432MAX-L/ULTRA P | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE-232-MAX-H/Ultra P | IS | 2 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | GE432MAX-G-N | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAX-L/ULTRA | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |

✓ Yes

- N/A

✗ No

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------------------|--------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| General Electric (Continued) | GE132MAX-G-N | IS | 1 | N | N.A. | x | x | - | - |
| | GE132MAX-H/ULTRA | IS | 1 | H | N.A. | ✓ | ✓ | - | - |
| | GE132MAX-L/ULTRA | IS | 1 | L | N.A. | x | x | - | - |
| | GE132MAXP-N/ULTRA | IS | 1 | N | N.A. | ✓ | ✓ | - | - |
| | GE232MV-N-DIY | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAX-L/ULTRA | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MV-N | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAX-N/ULTRA | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAX-L/ULTRA | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAX-G-N | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAXP-H/ULTRA | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432-120-RES | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| | GE432MV-N-42T | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432MAX-N/ULTRA | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAXP90-V60 | IS | 2 | H | Parallel | x | x | x | x |
| | GE332MAXP90-V60 | IS | 3 | H | Parallel | x | x | x | x |
| | GE432MAXP90-S60 | IS | 4 | H | Parallel | x | x | x | x |
| | GE432MAX-H/ULTRA P | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MAX-G-L | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE332MAXP-L/ULTRA | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232-MVPS-N | PS | 2 | N | Parallel | x | x | x | x |
| | GE-332-MVPS-N | PS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE432-MVPS-N | PS | 4 | N | Parallel | x | x | x | x |
| | GE432MVPS-N-V03 | PS | 4 | N | Parallel | x | x | x | x |
| | GE-232-MV-PS-N | PS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | GE232MVPS-L-S30 | DPS | 2 | N | Parallel | x | x | x | x |
| | GE132MVPSN-V03 | DPS | 1 | N | N.A. | x | x | - | - |
| | GE332MVPSN-V03 | DPS | 3 | N | Parallel | x | x | x | x |
| Halco | EP232IS/MV/HE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP332IS/MV/HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP432IS/MV/HE | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP432IS/L/MV/HE | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP232IS/L/MV/HE | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP232IS/H/MV/HE | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP332IS/L/MV/HE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP432IS/120/MC | IS | 4 | N | Parallel | x | x | x | x |
| Hatch | HL232BIS/UV/HE/W | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | x |
| | HL432BIS/UV/HE/W | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |

Yes N/A No

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------------|-------------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Howard Industries | EPH4/32IS/MV/SC/HE | IS | 4 | H | Parallel | x | x | x | x |
| | EP3/32IS/MV/SC/HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EPL4/32IS/MV/MC/HE | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EPH2/321S/MV/MC/HE | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | E2/32IS-120MC | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| | EPL2/32IS/MV/MC/HE | IS | 2 | L | Parallel | ✓ | x | ✓ | ✓ |
| | EPL3/32IS/MV/SC/HE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP4/32IS/MV/MC/HE | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP2/32IS/MV/MC/HE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EPH3/32IS/MV/MC/HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | EP2/32PRS/MV/MC/HE | PRS | 2 | N | Parallel | x | x | x | x |
| | EP4/32PPRS/MV/SC/HE | PRS | 4 | N | Parallel | ✓ | ✓ | ✓ | x |
| Lighting Products Limited | EB-332EBF-UV-TP-HE | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| Maxlite | SKEU322HEL/SC | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | SKEU324HE/SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | SKEU323L/SC | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | MLEU322HEL/SC | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | MLEU323H/SC | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | MLEU324HE/SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| Osram Sylvania | QTP 2X32T8/UNV ISN-SC P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV ISN-SC P | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV ISL-SC P | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV ISH-SC | IS | 3 | H | Parallel | x | x | x | x |
| | QHE 4X32T8/UNV ISN-SC P | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 4X32T8/UNV ISL-SC P | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP 4X32T8/UNV ISN-SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 1X32T8/UNV ISN-SC | IS | 1 | N | N.A. | ✓ | ✓ | - | - |
| | QHE 1X32T8/UNV ISL-SC | IS | 1 | L | N.A. | ✓ | ✓ | - | - |
| | QHE 2X32T8/UNV ISH-SC | IS | 2 | H | Parallel | x | x | x | x |
| | QTP 3X32T8/UNV ISN-SC | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV ISN-SC | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV ISL-SC | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP2X32T8/277 ISN-D | IS | 2 | L | Parallel | - | x | - | x |
| QT2X32/120 IS-SC | IS | 2 | N | Parallel | ✓ | - | ✓ | - | |

Yes N/A No

1. SmartDrive LED 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.
 2. Keystone SmartDrive LED Lamp Compatibility does not make any guarantees of electrical performance or lifetime for ballasts that are not manufactured by Keystone.
 3. Ballast Compatibility testing is performed with specific date codes. Please contact Keystone for more information on date code of ballasts tested.
 4. 2' and 3' Lamps may experience flickering or buzzing noise when input voltage is greater than 277V.
 5. All data subject to change.

Specifications subject to change. Revised 8.21.17



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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|----------------------------|----------------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Osram Sylvania (Continued) | QHE 3x32T8/UNV ISH HT-SC | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP 2X32T8/UNV ISL-SC | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV ISH HT-SC P | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 4x32T8/UNV ISH-SC | IS | 4 | H | Parallel | x | x | x | x |
| | QHE 4X32T8/UNV PSX-SC | PRS | 4 | L | Parallel | x | x | x | x |
| | QHE 2X32T8/UNV PSH-HT | PRS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 2X32T8/UNV PSN-MC | PRS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHE 3X32T8/UNV PSN-SC | PRS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QTP 3X32T8/UNV PSX-SC | PRS | 3 | L | Series | x | x | x | x |
| | QTP3X32T8/UNV PSN-SC | PRS | 3 | N | Series | x | x | x | x |
| | QHE 2X32T8/UNV DIM-TC | PRS | 2 | N | Series | x | x | x | x |
| | QTP2x32T8/UNV DIM-TC | DPS | 2 | N | Series | x | x | x | x |
| | QHE 1X32T8/UNV DIM-TC | DPS | 1 | N | N.A. | x | x | - | - |
| | QHE 3X32T8/UNV PSH-HT-SC | DPS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | QHES 2x32T8/UNV PSL-SC | PRS | 2 | L | Parallel | x | x | x | x |
| Pacific Fluorescent | EB-232IS-120-RES | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| Philips-Advance | ICN-2P32-N | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-4P32-N | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-4P32-LW-N | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-1P32-N | IS | 1 | N | N.A. | x | x | - | - |
| | IOP-2P32HL-SC | IS | 2 | H | Parallel | x | x | x | x |
| | ICN-1P32-N | IS | 1 | N | N.A. | x | x | - | - |
| | IOPA-1P32-N | IS | 1 | N | N.A. | x | x | - | - |
| | REB-2P32-SC | IS | 2 | N | Parallel | x | - | ✓ | - |
| | IOPA-3P32-N | IS | 3 | N | Parallel | x | x | x | x |
| | IOP-3P32-N | IS | 3 | N | Parallel | x | x | x | x |
| | REB-4P32-SC | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| | IOP-4P32-HL-SC | IS | 4 | H | Parallel | x | x | x | x |
| | ICN-3P32-N | IS | 3 | N | Parallel | x | x | x | x |
| | VEL-2P32-SC | IS | 2 | N | Parallel | - | x | - | x |
| | IOPA-2P32-HL-N | IS | 2 | H | Parallel | x | x | x | x |
| | VEL-2P32-RH-TP | IS | 2 | N | Parallel | - | ✓ | - | ✓ |
| | IOP-3P32HL-90C-SC | IS | 3 | H | Parallel | x | x | x | x |
| | IOP-4P32-SC | IS | 4 | N | Parallel | x | x | x | x |
| | IOPA-4P32-SC | IS | 4 | N | Parallel | x | x | x | x |
| | ICN-132-MC | IS | 1 | N | N.A. | ✓ | ✓ | - | - |
| IOP-2PSP32-N | PS | 2 | N | Parallel | ✓ | ✓ | x | x | |

Yes

N/A

No

- SmartDrive LED 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.
- Keystone SmartDrive LED Lamp Compatibility does not make any guarantees of electrical performance or lifetime for ballasts that are not manufactured by Keystone.
- Ballast Compatibility testing is performed with specific date codes. Please contact Keystone for more information on date code of ballasts tested.
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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|--------------------------------|------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Philips-Advance (Continued) | IOP-3PSP32-SC | PS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-3PSP32-LW-SC | PS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-4PSP32-SC | PS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-4PSP32-LW-SC | PS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IOP-2S32-SC | PS | 2 | N | Series | ✗ | ✗ | ✗ | ✗ |
| | IZT-2S32-SC | DPS | 2 | N | Series | ✗ | ✗ | ✗ | ✗ |
| | IOP-2PSP32-LW-N | PS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | IZT-2PSP32-SC | DPS | 2 | N | Parallel | ✗ | ✗ | ✗ | ✗ |
| | REZ-3S32-SC | DPS | 3 | N | Series | ✗ | - | ✗ | - |
| | REZ-2S32-SC | DPS | 2 | N | Series | ✗ | - | ✗ | - |
| | IZT-3PSP32-SC | DPS | 3 | H | Parallel | ✗ | ✗ | ✗ | ✗ |
| | REZ-132-SC | DPS | 1 | H | N.A. | ✗ | - | - | - |
| Plusrite | BAF232IS/MV | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF332IS/MV | IS | 3 | N | | ✓ | ✓ | ✓ | ✓ |
| | BAF232IS/MV/L | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF332IS/MV/L | IS | 3 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF432IS/MV | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | BAF432IS/MV/L | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| ProLume | EP232IS/L/MV/SL | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | E432IS/120/R/SL | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| SOLA | E-758-U-232-MC | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| Sunpark | 120-1/32IS HPF | IS | 1 | N | N.A. | ✓ | - | - | - |
| | U-2/32IS HBF | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-2/32ISE-LBF | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-3/32ISE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-3/32ISE-HBF | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | 120-3/32IS MPF | IS | 3 | N | Parallel | ✓ | - | ✓ | - |
| | U-4/32IS HP,F | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-4/32IS HBF | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-4/32ISE-LBF | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | U-1/32PSE | PS | 1 | N | N.A. | ✗ | ✗ | - | - |

✓ Yes
 - N/A
 ✗ No

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------------------|-------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Sunpark (Continued) | U-2/32PSE | RS | 2 | N | | x | x | x | x |
| | U-2/32PSE-HBF | RS | 2 | H | | x | x | x | x |
| | U-232PS3 | RS | 2 | N | | x | x | x | x |
| | U-232PS3-HBF | RS | 2 | H | | x | x | x | x |
| | SL15T | PS | 2 | N | Series | ✓ | - | - | - |
| | LC 12011T | PS | 1 | H | N.A. | x | - | - | - |
| | LC 12013T | PS | 1 | H | N.A. | x | - | - | - |
| Superior Life | 70201 | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | x |
| | 70210 | PS | 2 | N | Parallel | x | x | x | x |
| | 70211 | PS | 4 | N | Parallel | x | x | x | x |
| TCP | E2P32ISUNVHE | IS | 2 | H | Parallel | ✓ | x | ✓ | x |
| | E4P32ISUNVLE | IS | 4 | L | Parallel | ✓ | x | ✓ | x |
| | E3P32ISUNVE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | E3P32ISUNVLE | IS | 3 | L | Parallel | ✓ | x | ✓ | x |
| | E4P32ISUNVE | IS | 4 | N | Parallel | ✓ | x | ✓ | ✓ |
| | TCP3P32ISUNVH | IS | 3 | H | Parallel | ✓ | ✓ | ✓ | x |
| TOPAZ | B232IUNVHEH/A-TPZ | IS | 2 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHEH/A-TPZ | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| Universal Lighting Technologies | B232IUNVHP-N | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232IUNVEL-A | IS | 2 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B233IUNVHE-A | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHE L-A | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B332IUNVHP-A | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHP-A | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232I120RES-A | IS | 2 | N | Parallel | ✓ | - | ✓ | - |
| | B132IUNVHP-N | IS | 1 | N | N.A. | ✓ | x | - | - |
| | B232IUNVHP-B | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232IUNV-C | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHE-A | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B432IUNVHEH-E | IS | 4 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232I277RH-A | IS | 4 | H | Parallel | - | ✓ | - | ✓ |
| | B432PUNVHE-A | PS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232PUNVHE-B | PS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B332PUNVHEH-A | PS | 3 | H | Parallel | ✓ | ✓ | ✓ | ✓ |
| | B232PU104S50A | PRS | 2 | H | Parallel | x | x | x | x |
| B232PUNVHP-A | PS | 2 | N | Parallel | x | x | x | x | |

✓ Yes
 - N/A
 x No

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| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|---------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 120 | 277 | 120 | 277 |
| Watran | DB-232N-MV-TP-HE | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-332N-MV-TP-HE | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-432N-MV-TP-HE | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-432L-MV-TP-HE | IS | 4 | L | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DB-232N-MV-TP-HE SC | IS | 2 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | DBG32N-MV-TP-PS-HL | PS | 3 | H | | ✗ | ✗ | ✗ | ✗ |
| Work Horse | WHS3-UNV-T8-IS | IS | 3 | N | Parallel | ✓ | ✓ | ✓ | ✓ |
| | WHS4-UNV-T8-IS | IS | 4 | N | Parallel | ✓ | ✓ | ✓ | ✓ |

2' & 3' Lamps, 347-480V

| Ballast Description | | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
|---------------------|--------------------|-----------------|-----------------|----------------|-----------------|-------------------|-----|-------------------|-----|
| Brand | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
| | | | | | | 347 | 480 | 347 | 480 |
| General Electric | GE432MAX347-N | IS | 4 | N | Parallel | ✓ | - | ✓ | - |
| | QT 2x32/347 ISH-SC | IS | 2 | H | Parallel | ✓ | - | ✓ | - |

✓ Yes
 - N/A
 ✗ No

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