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

SINCE 1945

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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

Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Nominal Lamp Load Input Voltage 120	277	Reduced Lamp Load Input Voltage 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	✓	✓	✓	✓
Accupro	AP-232IP-UNV	IS	2	H	Parallel	✓	✓	✓	✓
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	Parellel	✗	✗	✗	✗
	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	✗	✗	✗	✗
	EL232DIM/120/277HF	DPS	2	L	Series	✗	✗	✗	✗
EIKO	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	✓	✓	✓	✓

✓ Yes	— N/A	✗ No

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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.

4' Lamps, 120–277V Input *(continued)*

| Brand | | Ballast Description | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
| | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | | Input Voltage | | Input Voltage | |
							120	277	120	277
EIKO (continued)	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		✗	✗	✗	✗
	VE232MVHIPLE	IS	2	L	Parellel		✓	✓	✓	✓
	VE232MVHRPHT3-AB	DPS	2	H	Series		✗	✗	✗	✗
General Electric	GE-232-MV-N	IS	2	N	Parallel		✓	✓	✓	✓
	GE232MAX-N/ULTRA	IS	2	N	Parallel		✓	✓	✓	✓
	GE432MAX-H/ULTRA	IS	4	H	Parallel		✗	✗	✗	✗
	GE432MAX-L/ULTRA	IS	4	L	Parallel		✓	✓	✓	✓
	GE-232-MAX-H/Ultra	IS	2	H	Parallel		✗	✗	✗	✗
	GE232MAX-G-N	IS	2	N	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		✓	✓	✓	✓
	GE332MAX-H-42T	IS	3	H	Parallel		✗	✗	✗	✗
	GE332MAX-H-84TS	IS	3	H	Parallel		✗	✗	✗	✗
	GE232-MAX-H-42T	IS	2	H	Parallel		✗	✗	✗	✗
	GE432MAX-H-42T	PS	4	H	Parallel		✗	✗	✗	✗
	GE232MAXP-N/ULTRA	IS	2	N	Parallel		✓	✓	✓	✓
	GE332MAXP-N/ULTRA	IS	3	N	Parallel		✓	✓	✓	✓
	GE232MAX-L/ULTRA	IS	2	L	Parallel		✓	✓	✓	✓
	GE332MV-H	IS	3	H	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		✗	✗	✗	✗

Legend: ✓ Yes | — N/A | ✗ No

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5. All data subject to change.

4' Lamps, 120–277V Input *(continued)*

Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Nominal Lamp Load		Reduced Lamp Load	
						Input Voltage		Input Voltage	
	Ballast Description					120	277	120	277
General Electric *(con'd.)*	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	✓	✓	✓	✓
	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	Parellel	✗	✗	✗	✗
	QHE 4X32T8/UNV ISN-SC P	DPS	4	N	Parallel	✓	✓	✓	✓
	QHE 4X32T8/UNV ISL-SC P	IS	4	L	Parallel	✓	✓	✓	✓
	QTP 4×32T8/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	✓	✓	✓	✓

✓ Yes	— N/A	✗ No

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5. All data subject to change.

4' Lamps, 120–277V Input *(continued)*

Brand	Ballast Description					Nominal Lamp Load		Reduced Lamp Load	
	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Input Voltage		Input Voltage	
						120	277	120	277
Osram Sylvania *(cont'd.)*	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	✗	✗	✗	✗
	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	Series	✗	✗	✗	✗
	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	✗	✗	✗	✗
	QTP 3X32T8/UNV ISH-SC	IS	3	H	Parallel	✗	✗	✗	✗
Pacific Fluorescent	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	Parellel	✓	✓	✓	✓
	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	✗	✗	✗	✗
	VEL-2P32-RH-TP	IS	2	N	Parallel	—	✓	—	✓
	IOP-3P32HL-90C-SC	IS	3	H	Parallel	✗	✗	✗	✗
	IOP-4P32-SC	IS	4	N	Parallel	✗	✗	✗	✗
	IOPA-4P32-SC	IS	4	N	Parallel	✓	✓	✓	✓
	ICN-132-MC	IS	1	N	N.A.	✓	✓	—	—
	IOP-2PSP32-N	PS	2	N	Parallel	✓	✓	✗	✗
	IOP-3PSP32-SC	PS	3	N	Parallel	✓	✓	✓	✓

✓ Yes	— N/A	✗ No

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5. All data subject to change.

4' Lamps, 120–277V Input *(continued)*

Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Nominal Lamp Load		Reduced Lamp Load	
						Input Voltage		Input Voltage	
						120	277	120	277
Philips-Advance *(cont'd.)*	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.	✗	—	—	—
	VZT-4S32-HL	PS	4	N	Series	✗	✗	✗	✗
Plusrite	BAF232IS/MV	IS	2	N	Parallel	✓	✓	✓	✓
	BAF332IS/MV	IS	3	N	Parallel	✓	✓	✓	✓
	BAF232IS/MV/L	IS	2	L	Parellel	✓	✓	✓	✓
	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 HPF	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.	✗	✗	—	—
	U-2/32PSE	RS	2	N	N.A.	✗	✗	✗	✗
	U-2/32PSE-HBF	RS	2	H	N.A.	✗	✗	✗	✗
	U-232PS3	RS	2	N	N.A.	✗	✗	✗	✗
	U-232PS3-HBF	RS	2	H	N.A.	✗	✗	✗	✗
	SL15T	PS	2	N	Series	✓	—	✓	—
	LC 12011T	PS	1	H	N.A.	✗	✗	✗	✗
	LC 12013T	PS	1	H	N.A.	✗	✗	✗	✗
Superior Life	70201	IS	2	N	Parallel	✓	✓	✓	✗
	70210	PS	2	N	Parallel	✗	✗	✗	✗
	70211	PS	4	N	Parallel	✗	✗	✗	✗
TCP	E2P32ISUNVHE	IS	2	H	Parallel	✗	✗	✗	✗
	E4P32ISUNVLE	IS	4	L	Parallel	✓	✗	✓	✗
	E3P32ISUNVE	IS	3	N	Parallel	✓	✓	✓	✓
	E3P32ISUNVLE	IS	3	L	Parallel	✓	✓	✓	✗
	E4P32ISUNVE	IS	4	N	Parallel	✓	✓	✓	✓
	TCP3P32ISUNVH	IS	3	H	Parallel	✗	✗	✗	✗
	E3P32ISUNVHE	IS	3	H	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.

4' Lamps, 120–277V Input *(continued)*

Ballast Description						Nominal Lamp Load		Reduced Lamp Load	
						Input Voltage		Input Voltage	
Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	120	277	120	277
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	Parellel	✓	✓	✓	✓
	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.	✓	✕	—	—
	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	✕	✕	✕	✕
	B232PUNVHP-A	PS	2	N	Parallel	✕	✕	✕	✕
	B332IHRVHB-E	IS	3	H	Parallel	✕	✕	✕	✕
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 SCQ	IS	2	N	Parallel	✓	✓	✓	✓
	DBG32N-MV-TP-PS-HL	PS	3	H	N.A.	✕	✕	✕	✕
Work Horse	WHSG3-UNV-T8-IS	IS	3	N	Parallel	✓	✓	✓	✓
	WHSG4-UNV-T8-IS	IS	4	N	Parallel	✓	✓	✓	✓

4' Lamps, 347–480V Input

Ballast Description						Nominal Lamp Load		Reduced Lamp Load	
						Input Voltage		Input Voltage	
Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	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

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.

SmartDrive T8 LED Tube Ballast Compatibility List

SINCE 1945
KEYSTONE
LIGHT MADE EASY®

2' and 3' Lamps: KT-LED8T8-24G-8XX-S, KT-LED8T8-24GC-8XX-S, KT-LED10T8-36GC-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' and 3' Lamps, 120–277V Input

Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Nominal Lamp Load Input Voltage 120	Nominal Lamp Load Input Voltage 277	Reduced Lamp Load Input Voltage 120	Reduced Lamp Load Input Voltage 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	✓	✓	✓	✓
Antron Electrics	A32T8MICLO	IS	2	L	Parallel	✓	✓	✓	✗
Arcata	ACT 2P32ISUNVE	IS	2	N	Parallel	✓	✓	✓	✓
	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	✗	✗	✗	✗
	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	✓	✓	✓	✓

✓ Yes	— N/A	✗ 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. 2' and 3' lamps may experience flickering or buzzing noise when input voltage is greater than 277V.
5. All data subject to change.

2' and 3' Lamps, 120–277V Input *(continued)*

Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Nominal Lamp Load Input Voltage 120	277	Reduced Lamp Load Input Voltage 120	277
EIKO *(cont'd.)*	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	✗	✗	✗	✗
	VE232MVHIPLE	IS	2	L	Parallel	✓	✓	✓	✓
	VE232MVHRPHT3-AB	DPS	2	H	Series	✗	✗	✗	✗
General Electric	GE-232-MV-N	IS	2	N	Parallel	✓	✓	✓	✓
	GE232MAX-N/ULTRA	IS	2	N	Parallel	✓	✓	✓	✓
	GE432MAX-H/ULTRA	IS	4	H	Parallel	✗	✗	✗	✗
	GE432MAX-L/ULTRA	IS	4	L	Parallel	✓	✓	✓	✓
	GE-232-MAX-H/ULTRA	IS	2	H	Parallel	✗	✗	✗	✗
	GE432MAX-G-N	IS	4	N	Parallel	✓	✓	✓	✓
	GE232MAX-L/ULTRA	IS	2	L	Parallel	✓	✓	✓	✓
	GE232MAX-G-N	IS	2	N	Parallel	✓	✓	✓	✓
	GE232-MAX-H-42T	IS	2	H	Parallel	✗	✗	✗	✗
	GE432MAX-H-42T	IS	4	H	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	✓	✓	✓	✓
	GE232MAX-L/ULTRA	IS	2	L	Parallel	✓	✓	✓	✓
	GE332MV-H	IS	3	N	Parallel	✗	✗	✗	✗
	GE332MV-N	IS	3	N	Parallel	✓	✓	✓	✓
	GE332MAX-N/ULTRA	IS	3	N	Parallel	✓	✓	✓	✓
	GE332MAX-L/ULTRA	IS	3	L	Parallel	✓	✓	✓	✓
	GE332MAX-H-42T	IS	3	H	Parallel	✗	✗	✗	✗
	GE332MAX-H-84TS	IS	3	H	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	✗	✗	✗	✗
	GE432MAX-H/ULTRA	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	N	Parallel	✗	✗	✗	✗

✓ Yes   — N/A   ✗ No

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5. All data subject to change.

2' and 3' Lamps, 120–277V Input *(continued)*

| Brand | Ballast Description | | | | | Nominal Lamp Load | | Reduced Lamp Load | |
| | Part Number | Starting Method | Number of Lamps | Ballast Factor | Lamp Connection | Input Voltage | | Input Voltage | |
Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	120	277	120	277
General Electric *(cont'd.)*	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	✓	✓	✓	✓
	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	✓	✓	✓	✓
	EPH3/321S/MV/MC/HE	IS	3	N	Parallel	✓	✗	✓	✗
	EP2/32PRS/MV/MC/HE	PRS	2	N	Parallel	✗	✗	✗	✗
	EP4/32PRS/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	IS	2	N	Parallel	✓	✓	✓	✓
	QHE 2X32T8/UNV ISN-SC	IS	2	N	Parallel	✓	✓	✓	✓
	QHE 2X32T8/UNV ISL-SC	IS	2	L	Parallel	✓	✓	✓	✓
	QHE 3X32T8/UNV ISH-SC	IS	3	H	Parallel	✗	✗	✗	✗
	QHE 4X32T8/UNV ISN-SC	DPS	4	N	Parallel	✗	✗	✗	✗
	QHE 4X32T8/UNV ISL-SC	DPS	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	✗	✗	✗	✗
	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	✓	—	✓	—
	QTP 3X32T8/UNV ISH-SC	IS	3	H	Parallel	✗	✗	✗	✗

✓ Yes **— N/A** **✗ 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. 2' and 3' lamps may experience flickering or buzzing noise when input voltage is greater than 277V.
5. All data subject to change.

2' and 3' Lamps, 120–277V Input *(continued)*

Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Nominal Lamp Load Input Voltage		Reduced Lamp Load Input Voltage	
						120	277	120	277
Osram Sylvania *(cont'd)*	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	IS	2	H	Parallel	✗	✗	✗	✗
	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 2X32T8/UNV DIM-TC	PRS	2	N	Series	✗	✗	✗	✗
	QTP2X32T8/UNV DIM-TC	DPS	2	N	Series	✗	✗	✗	✗
	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 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.	✗	✗	—	—
	IOP-2P32HL-SC IS	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	✗	✗	✗	✗
	VEL-2P32-RH-TP	IS	2	N	Parallel	—	✗	—	✗
	IOP-3P32HL-90C-SC	IS	3	H	Parallel	✗	✗	✗	✗
	IOP-4P32-SC	IS	4	N	Parallel	✗	✗	✗	✗
	IOPA-4P32-SC	IS	4	N	Parallel	✗	✗	✗	✗
	ICN-132-MC	IS	1	N	N.A.	✗	✗	✗	✗
	IOP-2PSP32-N	PS	2	N	Parallel	✗	✗	✗	✗
	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	✗	✗	✗	✗

✓ Yes	— N/A	✗ 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. 2' and 3' lamps may experience flickering or buzzing noise when input voltage is greater than 277V.
5. All data subject to change.

2' and 3' Lamps, 120–277V Input *(continued)*

Brand	Part Number	Starting Method	Number of Lamps	Ballast Factor	Lamp Connection	Nominal Lamp Load Input Voltage 120	Nominal Lamp Load Input Voltage 277	Reduced Lamp Load Input Voltage 120	Reduced Lamp Load Input Voltage 277
Philips-Advance *(cont'd)*	REZ-132-SC	DPS	1	H	N.A.	✕	✕	✕	✕
	VZT-4S32-HL	PS	4	N	Series	✕	✕	✕	✕
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 HPF	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.	✕	✕	—	—
	U-2/32PSE	RS	2	N	N.A.	✕	✕	✕	✕
	U-2/32PSE-HBF	RS	2	H	N.A.	✕	✕	✕	✕
	U-232PS3	RS	2	N	N.A.	✕	✕	✕	✕
	U-232PS3-HBF	RS	2	H	N.A.	✕	✕	✕	✕
	SL15T	PS	2	N	Series	✓	✕	—	✕
	LC 12011T	PS	1	H	N.A.	✕	✕	✕	✕
	LC 12013T	PS	1	H	N.A.	✕	✕	✕	✕
Superior Life	70201	IS	2	N	Parallel	✓	✕	✓	✕
	70210	PS	2	N	Parallel	✕	✕	✕	✕
	70211	PS	4	N	Parallel	✕	✕	✕	✕
TCP	E2P32ISUNVHE	IS	2	H	Parallel	✕	✕	✕	✕
	E4P32ISUNVLE	IS	4	L	Parallel	✕	✕	✕	✕
	E3P32ISUNVE	IS	3	N	Parallel	✓	✕	✓	✓
	E3P32ISUNVLE	IS	3	L	Parallel	✓	✕	✓	✕
	E4P32ISUNVE	IS	4	N	Parallel	✓	✕	✓	✕
	TCP3P32ISUNVH	IS	3	H	Parallel	✕	✕	✕	✕
	E3P32ISUNVHE	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	✓	✕	✓	✕

✓ Yes	— N/A	✕ No

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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.

2' and 3' Lamps, 120–277V Input *(continued)*

	Ballast Description					Nominal Lamp Load		Reduced Lamp Load	
						Input Voltage		Input Voltage	
Brand	**Part Number**	**Starting Method**	**Number of Lamps**	**Ballast Factor**	**Lamp Connection**	120	277	120	277
Universal Lighting Technologies *(cont'd)*	B132IUNVHP-N	IS	1	N	N.A.	✓	✗	✗	✗
	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	✗	✗	✗	✗
	B232PUNVHP-A	PS	2	N	Parallel	✗	✗	✗	✗
	B332IHRVHB-E	IS	3	H	Parallel	✗	✗	✗	✗
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	N.A.	✗	✗	✗	✗
Work Horse	WHSG3-UNV-T8-IS	IS	3	N	Parallel	✓	✓	✓	✓
	WHSG4-UNV-T8-IS	IS	4	N	Parallel	✓	✓	✓	✓

2' and 3' Lamps, 347–480V Input

	Ballast Description					Nominal Lamp Load		Reduced Lamp Load	
						Input Voltage		Input Voltage	
Brand	**Part Number**	**Starting Method**	**Number of Lamps**	**Ballast Factor**	**Lamp Connection**	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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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.