



### LED T8 Ballast Compatibility Chart

Ballast Brand*	Part Number	# Of Lamps	Start Method	Lamp Connection	1 Lamp		2 Lamps		3 Lamps		4 Lamps		Ballast Type	Factor Value
					120V	277V	120V	277V	120V	277V	120V	277V		
Act	ACT 2P32ISUNVE	2	IS	Parallel	✓	P	✓	✓	-	-	-	-	N	0.89
Antron Electronics	A32T8MICLO	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
Arcata	ACT 3P32ISUNVLE	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	L	0.78
Damar	EL232-120/277HF(1688B)	2	IS	Parallel	✓	P,F	✓	F	-	-	-	-	N	NA
Damar	EL232HL-120/277HF(1688D)	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	NA
Damar	EL332-120/277HF(3654C)	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	N	NA
Damar	EL432HL-120/277HF(3093C)	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	NA
Damar	EL232DIM/120/277HF	2	DPS	Series	NC	NC	NC	NC	-	-	-	-	NA	NA
Eiko	PM-2X32T8-UNV-IS-L	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.77
Eiko	PM-3X32T8-UNV-IS	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.87
Eiko	PM-3X32T8-UNV-IS-H	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	1.18
Eiko	PM-3X32T8-UNV-IS-L	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	L	0.78
Eiko	PM-4X32T8-UNV-IS	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
Eiko	PM-4X32T8-UNV-IS-L	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.78
Eiko	PM-2X32T8-UNV-IS	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.87
Eiko	PM-2x32T8-UNV-IS-H	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.18
Eiko	PM-3X32T8-UNV-PS	3	PS	Series	-	-	NC	NC	NC	NC	-	-	N	0.88
Eiko	PM-3X32T8-UNV-PS-H	3	PS	Series	-	-	NC	NC	NC	NC	-	-	H	1.18
Eiko	PM-2x32T8-UNV-PS	2	PS	Parallel	NC	NC	NC	NC	-	-	-	-	N	0.88
Espen	VE232MVHIPE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.89
Espen	VE232MVHIPHE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.19
Espen	VE232MVHIPL	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.77
Espen	VE232MVHRPHT3-AB	2	DPS	Series	NC	NC	NC	NC	-	-	-	-	H	1.2
General Electric	GE-232-MV-N	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
General Electric	GE232MAX-N/ULTRA	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
General Electric	GE432MAX-L/ULTRA	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.78
General Electric	GE-232-MAX-H/Ultra	2	IS	Parallel	NC	NC	NC	NC	-	-	-	-	H	1.15
General Electric	GE432MAX-G-N	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
General Electric	GE132MAX-G-N	1	IS	NA	NC	NC	-	-	-	-	-	-	H	0.88
General Electric	GE132MAX-H/ULTRA	1	IS	NA	✓	✓	-	-	-	-	-	-	H	1.18
General Electric	GE132MAX-L/ULTRA	1	IS	NA	NC	NC	-	-	-	-	-	-	H	0.78
General Electric	GE132MAXP-N/ULTRA	1	IS	NA	✓	✓	-	-	-	-	-	-	N	0.88
General Electric	GE232MV-N-DIY	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
General Electric	GE232MAX-L/ULTRA	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
General Electric	GE332MV-N	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	0.87
General Electric	GE332MAX-N/ULTRA	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	0.88
General Electric	GE332MAX-L/ULTRA	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	0.78
General Electric	GE332MAX-G-N	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	0.87
General Electric	GE332MAXP-H/ULTRA	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	1.18
General Electric	GE432-120-RES	4	IS	Parallel	-	-	-	-	✓	NA	✓	NA	N	0.83
General Electric	GE432MV-N-42T	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	0.93
General Electric	GE432MAX-N/ULTRA	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	0.88
General Electric	GE432MAX-H/ULTRA	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	1.18
General Electric	GE232MAX-G-L	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	NA	NA
General Electric	GE-332-MVPS-N	3	PS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.88
General Electric	GE432MVPS-N-V03	4	PS	Parallel	-	-	-	-	NC	NC	NC	NC	N	0.9
General Electric	GE-232-MV-PS-N	2	PS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
General Electric	GE232MVPS-L-S30	2	DPS	Parallel	NC	NC	NC	NC	-	-	-	-	N	0.96
General Electric	GE132MVPSN-V03	1	DPS	NA	NC	NC	-	-	-	-	-	-	N	0.88
General Electric	GE332MVPSN-V03	3	DPS	Parallel	-	-	NC	NC	NC	NC	-	-	N	0.98
Halco	EP232IS/MV/HE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
Halco	EP332IS/MV/HE	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	0.87
Halco	EP432IS/MV/HE	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	0.88
Halco	EP432IS/L/MV/HE	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	0.78
Halco	EP232IS/L/MV/HE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
Halco	EP232IS/H/MV/HE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.18
Halco	EP332IS/L/MV/HE	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	L	0.78
Howard Industries	EPH4/32IS/MV/SC/HE	4	IS	Parallel	-	-	-	-	NC	NC	NC	NC	H	1.16
Howard Industries	EP3/32IS/MV/SC/HE	3	IS	Parallel	-	-	-	✓	✓	✓	-	-	N	0.87
Howard Industries	EPL4/32IS/MV/MC/HE	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.77
Howard Industries	EPH2/32IS/MV/MC/HE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.18
Howard Industries	EPL3/32IS/MV/SC/HE	3	IS	Parallel	-	-	-	✓	✓	✓	-	-	L	0.78
Howard Industries	EP4/32IS/MV/MC/HE	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
Howard Industries	EP2/32IS/MV/MC/HE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.89
Howard Industries	EP2/32PRS/MV/MC/HE	2	PRS	Parallel	NC	NC	NC	NC	-	-	-	-	N	0.86
Keystone	KTEB-232-UV-IS-N-P	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	0.87
Keystone	KTEB-432RIS-1-TP-SL	4	IS	Parallel	-	-	-	-	✓	NA	✓	NA	N	0.8
Keystone	KTEB-332-UV-IS-N-P	3	IS	Parallel	-	-	-	✓	✓	✓	-	-	N	0.87
Keystone	KTEB-432-UV-IS-N-P	4	IS	Parallel	-	-	-	-	✓	P	✓	✓	N	0.87
Keystone	KTEB-232LBF-1-TP-PIC-EV	2	IS	Parallel	✓	NA	✓	NA	-	-	-	-	N	0.88
Keystone	KTEB-232-UV-IS-H-P	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.18
Keystone	KTEB-432-UV-IS-H-P	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	1.18
Lighting Products Limited	EB-332EBF-UV-TP-HE	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	L	0.78
Maxlite	SKEU322HEL/SC	2	IS	Parallel	-	✓	✓	✓	-	-	-	-	H	0.77
Maxlite	SKEU324HE/SC	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	0.88



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					120V	277V	120V	277V	120V	277V	120V	277V		
Maxlite	SKEU323L/SC	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	0.78
Maxlite	MLEU324HE/SC	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
Osram	QHE 2x32T8/347 PSN-SC	2	PRS	Parallel	NC	NC	NC	NC	-	-	-	-	NA	NA
Osram Sylvania	QTP 2X32T8/UNV ISN-SC	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
Osram Sylvania	QHE 2X32T8/UNV ISN-SC	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
Osram Sylvania	QHE 2X32T8/UNV ISL-SC	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
Osram Sylvania	QHE 3X32T8/UNV ISH-SC	3	IS	Parallel	-	-	N	N	N	N	-	-	H	1.18
Osram Sylvania	QHE 4X32T8/UNV ISN-SC	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
Osram Sylvania	QHE 4X32T8/UNV ISL-SC	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.78
Osram Sylvania	QHE 1X32T8/UNV ISN-SC	1	IS	NA	✓	✓	-	-	-	-	-	-	N	0.88
Osram Sylvania	QHE 1X32T8/UNV ISL-SC	1	IS	NA	✓	✓	-	-	-	-	-	-	L	0.78
Osram Sylvania	QHE 2X32T8/UNV ISH-SC	2	IS	Parallel	P,T	P,T	N,P,T	P,T	-	-	-	-	H	1.2
Osram Sylvania	QTP 3X32T8/UNV ISN-SC	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	0.88
Osram Sylvania	QHE 3X32T8/UNV ISN-SC	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
Osram Sylvania	QHE 3X32T8/UNV ISL-SC	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	L	0.78
Osram Sylvania	QHE 3X32T8/UNV ISH HT-SC	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	1.18
Osram Sylvania	QTP 2X32T8/UNV ISL-SC	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
Osram Sylvania	QHE 2X32T8/UNV ISH HT-SC	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	NA
Osram Sylvania	QHE 4x32T8/UNV ISH-SC	4	IS	Parallel	-	-	-	-	NC	NC	NC	NC	H	NA
Osram Sylvania	QTP 2x32/347 ISH-SC	2	IS	Parallel	NA	NC	NA	NC	-	-	-	-	NA	NA
Osram Sylvania	QHE 2X32T8/UNV PSH-HT	2	PRS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.18
Osram Sylvania	QHE 2X32T8/UNV PSN-MC	2	PRS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
Osram Sylvania	QHE 3X32T8/UNV PSN-SC	3	PRS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.88
Osram Sylvania	QTP 3X32T8/UNV PSX-SC	3	PRS	Series	-	-	NC	NC	NC	NC	-	-	L	0.71
Osram Sylvania	QTP3X32T8/UNV PSN-SC	3	PRS	Series	-	-	NC	NC	NC	NC	-	-	N	0.88
Osram Sylvania	QHE 4X32T8/UNV PSN-SC	4	PRS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
Osram Sylvania	QHE 2X32T8/UNV DIM-TC	2	PRS	Series	NC	NC	NC	NC	-	-	-	-	N	0.88
Osram Sylvania	QTP2x32T8/UNV DIM-TC	2	DPS	NA	NC	NC	NC	NC	-	-	-	-	N	0.88
Osram Sylvania	QHE 1X32T8/UNV DIM-TC	1	DPS	NA	NC	NC	-	-	-	-	-	-	NA	NA
Osram Sylvania	QHE 3X32T8/UNV PSH-HT-SC	3	DPS	Parallel	-	-	✓	✓	✓	✓	-	-	NA	NA
Osram Sylvania	QHE5 2x32T8/UNV PSL-SC	2	PRS	Parallel	NC	NC	✓	✓	-	-	-	-	NA	NA
Pacific Fluorescent	EB-232IS-120-RES	2	IS	Parallel	✓	NA	✓	NA	-	-	-	-	NA	NA
Philips-Advance	ICN-2P32-N	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.89
Philips-Advance	IOP-2P32-N	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.89
Philips-Advance	IOP-2P32-LW-N	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.77
Philips-Advance	IOPA-3P32-LW-N	3	IS	Parallel	-	-	N	N	N	N	-	-	L	0.76
Philips-Advance	IOP-4P32-N	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.87
Philips-Advance	IOP-4P32-LW-N	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.77
Philips-Advance	IOP-1P32-N	1	IS	NA	NC	NC	-	-	-	-	-	-	N	0.89
Philips-Advance	IOP-2P32HL-SC	2	IS	Parallel	NC	NC	NC	NC	-	-	-	-	H	1.18
Philips-Advance	ICN-1P32-N	1	IS	NA	NC	NC	-	-	-	-	-	-	H	0.91
Philips-Advance	IOPA-1P32-N	1	IS	NA	NC	NC	-	-	-	-	-	-	H	0.88
Philips-Advance	REB-4P32-SC	4	IS	Parallel	-	-	-	-	✓	NA	✓	NA	N	0.81
Philips-Advance	IOP-4P32-HL-SC	4	IS	Parallel	-	-	-	-	NC	NC	NC	NC	H	1.18
Philips-Advance	ICN-3P32-N	3	IS	Parallel	-	-	N	N	N	N	-	-	N	0.88
Philips-Advance	VEL-2P32-RH-TP	2	IS	Parallel	NA	P,T	NA	P,T	-	-	-	-	NA	NA
Philips-Advance	IOP-3P32HL-90C-SC	3	IS	Parallel	-	-	NC	NC	NC	NC	-	-	NA	NA
Philips-Advance	IOP-4P32-SC	4	IS	Parallel	-	-	-	-	NC	NC	NC	NC	NA	NA
Philips-Advance	IOPA-4P32-SC	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	NA	NA
Philips-Advance	ICN-132-MC	1	IS	NA	✓	✓	-	-	-	-	-	-	NA	NA
Philips-Advance	IOP-2PSP32-N	2	PS	Parallel	NC	NC	✓	✓	-	-	-	-	N	0.94
Philips-Advance	IOP-3PSP32-SC	3	PS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.88
Philips-Advance	IOP-3PSP32-LW-SC	3	PS	Parallel	-	-	✓	✓	✓	✓	-	-	L	0.69
Philips-Advance	IOP-4PSP32-LW-SC	4	PS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.69
Philips-Advance	IOP-2S32-SC	2	PS	Series	NC	NC	NC	NC	-	-	-	-	N	0.87
Philips-Advance	IOP-2S32-SC	2	DPS	Series	NC	NC	NC	NC	-	-	-	-	N	1
Philips-Advance	IOP-2PSP32-LW-N	2	PS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.71
Philips-Advance	IOP-2PSP32-SC	2	DPS	Parallel	NC	NC	NC	NC	-	-	-	-	N	1
Philips-Advance	REZ-3S32-SC	3	DPS	Series	-	-	NC	NA	NC	NA	-	-	N	0.97
Philips-Advance	REZ-2S32-SC	2	DPS	Series	NC	NA	NC	NA	-	-	-	-	N	NA
Philips-Advance	IOP-3PSP32-SC	3	DPS	Parallel	-	-	NC	NC	NC	NC	-	-	H	1
Philips-Advance	REZ-132-SC	1	DPS	NA	NC	NA	-	-	-	-	-	-	NA	NA
Plusrite	BAF232IS/MV	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.89
Plusrite	BAF332IS/MV	3	IS	NA	-	-	✓	✓	✓	✓	-	-	NA	NA
Plusrite	BAF232IS/MV/L	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
Plusrite	BAF432IS/MV	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88
Plusrite	BAF432IS/MV/L	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.78
Prolume	EP232IS/L/MV/SL	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
Prolume	E432IS/120/R/SL	4	IS	Parallel	-	-	-	-	✓	NA	✓	NA	N	0.87
Sunpark	120-1/32IS HPF	1	IS	NA	P,T	NA	-	-	-	-	-	-	N	0.88
Sunpark	U-2/32IS HBF	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.18
Sunpark	U-2/32ISE-LBF	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.78
Sunpark	U-3/32ISE	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.88
Sunpark	U-3/32ISE-HBF	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	H	1.18
Sunpark	120-3/32IS MPF	3	IS	Parallel	-	-	✓	NA	✓	NA	-	-	H	0.88
Sunpark	U-4/32IS HP,F	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.88



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					120V	277V	120V	277V	120V	277V	120V	277V		
Sunpark	U-4/32IS HBF	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	1.18
Sunpark	U-4/32ISE-LBF	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.88
Sunpark	U-2/32PSE	2	RS	NA	NC	NC	NC	NC	-	-	-	-	N	0.88
Sunpark	U-2/32PSE-HBF	2	RS	NA	NC	NC	NC	NC	-	-	-	-	H	1.15
Sunpark	U-232PS3	2	RS	NA	NC	NC	NC	NC	-	-	-	-	N	0.88
Sunpark	U-232PS3-HBF	2	RS	NA	NC	NC	NC	NC	-	-	-	-	H	1.15
Sunpark	SL15T	2	PS	Series	NA	NA	✓	NA	-	-	-	-	N	0.88
Sunpark	LC 12013T	1	PS	NA	NC	NA	-	-	-	-	-	-	NA	NA
Superior Life	70210	2	PS	Parallel	NC	NC	NC	NC	-	-	-	-	N	0.88
Superior Life	70211	4	PS	Parallel	-	-	-	-	NC	NC	NC	NC	N	0.87
TCP	E2P32ISUNVHE	2	IS	Parallel	✓	F	✓	F	-	-	-	-	H	1.18
TCP	E4P32ISUNVLE	4	IS	Parallel	-	-	-	-	✓	✓	✓	F	L	0.78
TCP	E3P32ISUNVE	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.88
TCP	E4P32ISUNVHE	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	1.18
Topaz	B232IUNVHEH/A-TPZ	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	H	1.18
Topaz	B432IUNVHEH/A-TPZ	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	1.18
Universal Lighting Technologies	B232IUNVLE-A	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	L	0.77
Universal Lighting Technologies	B233IUNVHE-A	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.87
Universal Lighting Technologies	B432IUNVHE L-A	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.77
Universal Lighting Technologies	B332IUNVHP-A	3	IS	Parallel	-	-	✓	P	✓	✓	-	-	H	0.88
Universal Lighting Technologies	B432IUNVHP-A	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	H	0.88
Universal Lighting Technologies	B232I120RES-A	2	IS	Parallel	✓	NA	✓	NA	-	-	-	-	N	0.88
Universal Lighting Technologies	B232IUNVHP-B	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
Universal Lighting Technologies	B232IUNV-C	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.88
Universal Lighting Technologies	B432IUNVHE-A	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	NA	NA
Universal Lighting Technologies	B432IUNVHEH-E	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	NA	NA
Universal Lighting Technologies	B332PUNVHEH-A	3	PS	Parallel	-	-	✓	✓	✓	✓	-	-	H	1.18
Universal Lighting Technologies	B232PU104S50A	2	PRS	Parallel	NC	NC	NC	NC	-	-	-	-	H	1.04
Universal Lighting Technologies	B232PUNVHP-A	2	PS	Parallel	NC	NC	NC	NC	-	-	-	-	NA	NA
Watran	DB-232N-MV-TP-HE	2	IS	Parallel	✓	✓	✓	✓	-	-	-	-	N	0.87
Watran	DB-332N-MV-TP-HE	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.87
Watran	DB-432N-MV-TP-HE	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.87
Watran	DB-432L-MV-TP-HE	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	L	0.77
Watran	DBG32N-MV-TP-PS-HL	3	PS	NA	-	-	NC	NC	NC	NC	-	-	NA	NA
Work Horse	WHS63-UNV-T8-IS	3	IS	Parallel	-	-	✓	✓	✓	✓	-	-	N	0.99
Work Horse	WHS64-UNV-T8-IS	4	IS	Parallel	-	-	-	-	✓	✓	✓	✓	N	0.96

Applies to the following Satco products: **S9990, S9991, S9992, S9993**

- F** Flicker after >2s start-up (**NC**)
  - N** Acoustic noise >20dB
  - P** PF <0.85
  - T** THD >25%
  - NC** Not compatible
  - NA** Not applicable
- Ballast Factors:**  
 L - Low  
 N - Normal  
 H - High

This list is current as of May, 2017. We are continuously testing for compatible ballasts. Please check back for updates.

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