

# LED T8 SUPER HYBRID - 12W / 15W

BRAND	MODEL	Start Method	Vin (V)	# of Lamps	Ballast Factor		1 Lamp Load			2+ Lamp Load		
					Type	Value	120V	277V	347V	120V	277V	347V
ESPEN	VE232MVHIPE	IS	120-277	2	N	0.89	✓	✓	NT	✓	✓	NT
	VE232MVHIPL	IS	120-277	2			✓	✓	NT	✓	✓	NT
FULHAM	WHSG3-UNV-T8-IS	IS	120-277	3	N	0.99	✓	✓	NT	✓	✓	NT
	WHSG4-UNV-T8-IS	IS	120-277	4	N	0.96	✓	✓	NT	✓	✓	NT
GE	GE-232-MV-N-DIY	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	GE-432-MV-N-DIY	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	GE132MAX-HNTULTRA	IS	120-277	1	H	1.18	X	X	NT	NT	NT	NT
	GE132MAX-LNTULTRA	IS	120-277	1	L	0.77	✓	✓	NT	NT	NT	NT
	GE132MAX-NNTULTRA	IS	120-277	1	N	0.87	X	X	NT	NT	NT	NT
	GE132MAXP-LNTULTRA	IS	120-277	1	L	0.78	✓	✓	NT	NT	NT	NT
	GE132MAXP-NNTULTRA	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	GE232-120RES-DIY	IS	120	2	N	0.88	X	NT	NT	X	NT	NT
	GE232MAX-HNTULTRA	IS	120-277	2	H	1.18	✓	✓	NT	✓	✓	NT
	GE232MAX-LNTULTRA	IS	120-277	2	L	0.77	✓	✓	NT	✓	✓	NT
	GE232MAX-NNTULTRA	IS	120-277	2	N	0.87	✓	✓	NT	✓	✓	NT
	GE232MAXP-LNTULTRA	IS	120-277	2	L	0.77	✓	✓	NT	X	X	NT
	GE232MAXP-NNTULTRA	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	GE332MAX-NNTULTRA	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	GE332MAXP-HNTULTRA	IS	120-277	3	H	1.18	✓	✓	NT	✓	✓	NT
	GE332MAXP-LNTULTRA	IS	120-277	3	L	0.78	✓	✓	NT	✓	✓	NT
	GE332MAXP-NNTULTRA	IS	120-277	3	N	0.89	✓	✓	NT	✓	✓	NT
	GE432MAX-NNTULTRA	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	GE432MAX347-N	IS	347	4	N	0.88	NT	NT	✓	NT	NT	✓
	GE432MAXP-HNTULTRA	IS	120-277	4	H	1.18	✓	✓	NT	✓	✓	NT
GE432MAXP-LNTULTRA	IS	120-277	4	L	0.78	✓	✓	NT	✓	✓	NT	
GE432MAXP-NNTULTRA	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT	
HALCO LIGHTING	EP232ISNTHNTMVNTHE	IS	120-277	2	H	1.18	✓	✓	NT	✓	✓	NT
	EP232ISNLTNTMVNTHE	IS	120-277	2	L	0.78	✓	✓	NT	✓	✓	NT
	EP332ISNLTNTMVNTHE	IS	120-277	3	L	0.78	✓	✓	NT	✓	✓	NT
	EP332ISNTMVNTHE	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	EP432ISNTMVNTHE	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
HOWARD INDUSTRIES	EP3NT32ISNTMVNTMCNTHE	IS	120-277	3	N	0.87	✓	✓	NT	✓	✓	NT
	EP4NT32ISNTMVNTMCNTHE	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	EPH2NT32ISNTMVNTMCNTHE	IS	120-277	2	H	1.18	✓	✓	NT	✓	✓	NT
	EPH3NT32ISNTMVNTMCNTHE	IS	120-277	3	H	1.18	✓	✓	NT	✓	✓	NT
	EPH4NT32ISNTMVNTSCNTHE	IS	120-277	4	H	1.18	✓	✓	NT	✓	✓	NT
	EPL2NT32ISNTMVNTMCNTHE	IS	120-277	2	L	0.78	✓	✓	NT	✓	✓	NT
	EPL3NT32ISNTMVNTSCNTHE	IS	120-277	3	L	0.78	✓	✓	NT	✓	✓	NT
	EPL4NT32ISNTMVNTMCNTHE	IS	120-277	4	L	0.78	✓	✓	NT	✓	✓	NT
KEYSTONE	KTEB-232-UV-IS-H-P	IS	120-277	2	H	1.18	✓	✓	NT	✓	✓	NT
	KTEB-232-UV-IS-N-P	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	KTEB-332-UV-IS-H-P	IS	120-277	3	H	1.18	✓	✓	NT	✓	✓	NT
	KTEB-332-UV-IS-N-P	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	KTEB-432-UV-IS-L-P	IS	120-277	4	L	0.78	✓	✓	NT	✓	✓	NT
MAXLITE	MLEU324HENTSC	IS	120-277	4	H	1.18	✓	✓	NT	✓	✓	NT
	SKEU324HENTSC	IS	120-277	4	H	1.18	✓	✓	NT	✓	✓	NT
PHILIPS ADVANCE	GOPA-2P32-SC	IS	347	2	N	0.88	NT	NT	✓	NT	NT	✓
	GOPA-4P32-LW-SC	IS	347	4	N	0.88	NT	NT	X	NT	NT	✓
	GOPA-4P32-SC	IS	347	4	N	0.88	NT	NT	✓	NT	NT	✓
	ICN-1P32-N	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	ICN-2P32-N	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	ICN-3P32-N	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	ICN-4P32-N	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	ICN2P16HLTLEDSC	IS	120-277	2	H	1.18	✓	✓	NT	✓	✓	NT
ICN2P16TLEDN	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT	

KEY			
✓	Compatible	X	Not Recommended
NT	Not Tested		

# LED T8 SUPER HYBRID - 12W / 15W

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					Type	Value	120V	277V	347V	120V	277V	347V
PHILIPS ADVANCE	ICN3P16TLEDN	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	ICN4P16HLTLEDSC	IS	120-277	4	H	1.18	✓	✓	NT	✓	✓	NT
	ICN4P16TLEDN	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	IOP-2P32-HL-N	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	IOP-2P32-LW-N	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	IOP-2P32-N	IS	120-277	2	N	0.88	✓	X	NT	✓	✓	NT
	IOP-4P32-HL-SC	IS	120-277	4	N	0.88	X	X	NT	X	X	NT
	IOP-4P32-N	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	IOPA-1P32-HL-N	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	IOPA-1P32-LW-N	IS	120-277	1	N	0.88	✓	X	NT	NT	NT	NT
	IOPA-1P32-N	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	IOPA-2P32-HL-N	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	IOPA-2P32-LW-N	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	IOPA-2P32-N	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	IOPA-3P32-LW-N	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	IOPA-3P32-N	IS	120-277	3	N	0.86	✓	✓	NT	✓	✓	NT
	IOPA-4P32-HL-SC	IS	120-277	4	N	0.88	✓	X	NT	✓	X	NT
	IOPA-4P32-LW-N	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	IOPA-4P32-N	IS	120-277	4	N	0.86	✓	✓	NT	✓	✓	NT
	IZT-2P16-TLED-SC	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
IZT-4P16-TLED-SC	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT	
REB-2P32-N	IS	120	2	N	0.88	✓	NT	NT	✓	NT	NT	
REB-2P32-SC	IS	120	2	N	0.88	✓	NT	NT	✓	NT	NT	
REB-4P32-SC	IS	120	4	N	0.88	✓	NT	NT	✓	NT	NT	
SYLVANIA OSRAM	QHE 1x32T8NTUNV ISH-SC	IS	120-277	1	H	1.18	✓	✓	NT	✓	✓	NT
	QHE 1x32T8NTUNV ISH HT SC	IS	120-277	1	H	1.18	✓	✓	NT	NT	NT	NT
	QHE 1x32T8NTUNV ISL-SC	IS	120-277	1	L	0.78	✓	✓	NT	NT	NT	NT
	QHE 1x32T8NTUNV ISN-SC	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	QHE 2x32T8NTUNV ISH-SC	IS	120-277	2	H	1.18	✓	✓	NT	✓	✓	NT
	QHE 2x32T8NTUNV ISL-SC	IS	120-277	2	L	0.78	✓	✓	NT	✓	✓	NT
	QHE 2X32T8NTUNV ISH HT SC	IS	120-277	2	H	1.18	✓	✓	NT	✓	✓	NT
	QHE 2X32T8NTUNV ISN-SC	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	QHE 3x32T8NTUNV ISL-SC	IS	120-277	3	L	0.78	✓	✓	NT	✓	✓	NT
	QHE 3x32T8NTUNV ISN-SC	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	QHE 3x32T8NTUNV ISL-SC-1	IS	120-277	3	L	0.78	✓	✓	NT	✓	✓	NT
	QHE 3x32T8NTUNV ISN-SC-1	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	QHE 4x32T8NTUNV ISL-SC	IS	120-277	4	L	0.78	✓	✓	NT	✓	✓	NT
	QHE 4X32T8NT347 ISN-SC	IS	347	4	N	0.88	NT	NT	✓	NT	NT	✓
	QHE 4x32T8NTUNV ISH	IS	120-277	4	H	1.18	✓	✓	NT	✓	✓	NT
	QHE 4x32T8NTUNV ISL-SC-1	IS	120-277	4	L	0.78	✓	✓	NT	✓	✓	NT
	QHE 4X32T8NTUNV ISN-SC	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	QHE 4x32T8NTUNV ISN-SC-1	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	QTP 1X32T8NTUNV ISN-SC	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	QTP 2X32T8NT347 ISN-SC	IS	347	2	N	0.88	NT	NT	✓	NT	NT	✓
QTP 2X32T8NTUNV ISN-SC	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT	
QTP 3X32T8NTUNV ISN-SC	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT	
QTP 4X32T8NTUNV ISN-SC	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT	
ULTRA SAVE	UT232347	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	UT432347	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
UNIVERSAL TRIAD	B132IUNVHE-A	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	B132IUNVHP-N	IS	120-277	1	N	0.88	✓	✓	NT	NT	NT	NT
	B232IUNVEL-A	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	B232IUNVHE-A	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	B232IUNVHEH-A	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT
	B232IUNVHP-N	IS	120-277	2	N	0.88	✓	✓	NT	✓	✓	NT

KEY					
✓	Compatible	X	Not Recommended	NT	Not Tested

# LED T8 SUPER HYBRID - 12W / 15W

BRAND	MODEL	Start Method	Vin (V)	# of Lamps	Ballast Factor		1 Lamp Load			2+ Lamp Load		
					Type	Value	120V	277V	347V	120V	277V	347V
UNIVERSAL TRIAD	B332IUNVEL-A	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	B332IUNVHE-A	IS	120-277	3	N	0.95	✓	✓	NT	✓	✓	NT
	B332IUNVHP-A	IS	120-277	3	N	0.88	✓	✓	NT	✓	✓	NT
	B432IUNVEL-A	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT
	B432IUNVHE-A	IS	120-277	4	N	0.9	✓	✓	NT	✓	✓	NT
	B432IUNVHP-A	IS	120-277	4	N	0.88	✓	✓	NT	✓	✓	NT

BALLAST COMPATIBILITY

KEY					
✓	Compatible	X	Not Recommended	NT	Not Tested