

# T8 Hybrid Type A+B



## T8 HYBRID 4FT

T8-12-48G-8XX-HYB

Ballast Brand	Part Number	Start method	Number of Lamps	Dimming	Lamp Connection	N Lamp		N-1 Lamp	
		PS/IS/RS/PRS	1/2/3/4			120V	277V	120V	277V
PHILIPS ADVANCE	ICN-2P32-N	IS	2		Parallel	C	C	C	C
	IOPA-1P32-N	IS	1		N/A	C	C	N/A	N/A
	IOPA-4P32-LW-N	IS	4		Parallel	C	C	C	C
	IOPA-1P32-HL-N	IS	1		N/A	C	C	N/A	N/A
	IOPA-2P32-HL-N	IS	2		N/A	C	C	N/A	N/A
	IOP-2P32-N	IS	2		N/A	C	C	N/A	N/A
	IOP-2P32-LW-N	IS	2		Parallel	C	C	C	C
	IOP-2P32-HL-N	IS	2		N/A	C	C	N/A	N/A
UNIVERSAL LIGHTING	B132IUNVHP-N	IS	1		N/A	C	C	N/A	N/A
	B332IUNVHP-A	IS	3		Parallel	C	C	C	C
	B432IUNVHP-A	IS	4		Parallel	C	C	C	C
	B232IUNVHE-A	IS	2		Parallel	C	C	C	C
	B332IUNVHE-A	IS	3		Parallel	C	C	C	C
	B432IUNVHE-A	IS	4		Parallel	C	C	C	C
	B232IUNVEL-A	IS	2		Parallel	C	C	C	C
	B432IUNVEL-A	IS	4		N/A	C	C	N/A	N/A
GENERAL ELECTRIC	GE-232-MV-N-DIY	IS	2		Parallel	C	C	C	C
	GE-432-MV-N-DIY	IS	4		Parallel	C	C	C	C
	GE232MAX-N/ULTRA	IS	2		Parallel	C	C	C	C
OSRAM SYLVANIA	QTP 1X32T8/UNV ISN-SC	IS	1		N/A	C	C	N/A	N/A
	QTP 2X32T8/UNV ISN-SC	IS	2		Parallel	C	C	C	C
	QTP 3X32T8/UNV ISN-SC	IS	3		Parallel	C	C	C	C
	QTP 4X32T8/UNV ISN-SC	IS	4		Parallel	C	C	C	C
	QHE 2X32T8/UNV ISN-SC	IS	2		Parallel	C	C	C	C
	QHE 3x32T8/UNV ISN-SC	IS	3		Parallel	C	C	C	C
	QHE 4X32T8/UNV ISN-SC	IS	4		N/A	C	C	N/A	N/A
	QHE 2X32T8/UNV ISL-SC	IS	2		Parallel	C	C	C	C
	QHE 3x32T8/UNV ISL-SC	IS	3		Parallel	C	C	C	C
	QHE 2x32T8/UNV ISH-SC	IS	2		Parallel	C	C	C	C
	QHE 4x32T8/UNV ISH	IS	4		Parallel	C	C	C	C
	QHE 1X32T8/UNV ISH HT SC	IS	1		N/A	C	C	N/A	N/A

KEY: C = Compatible    N/A = Not applicable    N = Not Compatible

# T8 Hybrid Type A+B



## T8 HYBRID 4FT

T8-12-48G-8XX-HYB

Ballast Brand	Part Number	Start method	Number of Lamps	Dimming	Lamp Connection	N Lamp		N-1 Lamp	
		PS/IS/RS/PRS	1/2/3/4			120V	277V	120V	277V
OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT SC	IS	2		Parallel	C	C	N/A	N/A
	QHE 3X32T8/UNV ISN-SC-1	IS	3		Parallel	C	C	C	C
	QHE 4x32T8/UNV ISN-SC-1	IS	4		Parallel	C	C	C	C
	QHE 3x32T8/UNV ISL-SC-1	IS	3		Parallel	C	C	C	C
	QHE 4x32T8/UNV ISL-SC-1	IS	4		Parallel	C	C	C	C
PHILIPS ADVANCE	REB-2P32-N	IS	2		Parallel	C	N/A	C	N/A
	ICN2P16TLEDN	IS	2		Parallel	C	C	C	C
	ICN2P16HLTLEDSC	IS	2		Parallel	C	C	C	C
	ICN4P16HLTLEDSC	IS	4		Parallel	C	C	C	C
	IZT-2P16-TLED-SC	IS	2		Parallel	C	C	C	C

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## T8 HYBRID 2FT

T8-7.5-24G-8XX-HYB

Ballast Brand	Part Number	Start method	Number of Lamps	Dimming	Lamp Connection	N Lamp		N-1 Lamp	
		PS/IS/RS/PRS	1/2/3/4			120V	277V	120V	277V
PHILIPS ADVANCE	ICN-2P32-N	IS	2		Parallel	C	C	C	C
	IOPA-1P32-N	IS	1		N/A	C	C	N/A	N/A
	IOPA-1P32-LW-N	IS	1		N/A	C	C	N/A	N/A
	IOPA-3P32-LW-N	IS	3		Parallel	C	C	C	C
	IOPA-1P32-HL-N	IS	1		N/A	C	C	N/A	N/A
	IOPA-2P32-HL-N	IS	2		Parallel	C	C	C	C
	IOP-2P32-N	IS	2		Parallel	C	C	C	C
	IOP-4P32-N	IS	4		Parallel	C	C	C	C
	IOP-2P32-LW-N	IS	2		Parallel	C	C	C	C
	IOP-2P32-HL-N	IS	2		Parallel	C	C	C	C
	GOPA-2P32-SC	IS	2		Parallel	C	C	C	C
UNIVERSAL LIGHTING	B132IUNVHP-N	IS	1		N/A	C	C	N/A	N/A
	B232IUNVHP-N	IS	2		Parallel	C	C	C	C

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# T8 Hybrid Type A+B



## T8 HYBRID 2FT

T8-7.5-24G-8XX-HYB

Ballast Brand	Part Number	Start method	Number of Lamps	Dimming	Lamp Connection	N Lamp		N-1 Lamp	
		PS/IS/RS/PRS	1/2/3/4			120V	277V	120V	277V
UNIVERSAL LIGHTING	B332IUNVHP-A	IS	3		Parallel	C	C	C	C
	B432IUNVHP-A	IS	4		Parallel	C	C	C	C
	B132IUNVHE-A	IS	1		N/A	C	C	N/A	N/A
	B232IUNVHE-A	IS	2		Parallel	C	C	C	C
	B332IUNVHE-A	IS	3		Parallel	C	C	C	C
	B432IUNVHE-A	IS	4		Parallel	C	C	C	C
	B232IUNVEL-A	IS	2		Parallel	C	C	C	C
	B232IUNVHEH-A	IS	2		Parallel	C	C	C	C
GENERAL ELECTRIC	GE-232-MV-N-DIY	IS	1		N/A	C	C	N/A	N/A
	GE-432-MV-N-DIY	IS	4		Parallel	C	C	C	C
	GE232MAX-N/ULTRA	IS	2		Parallel	C	C	C	C
	GE332MAX-N/ULTRA	IS	3		Parallel	C	C	C	C
OSRAM SYLVANIA	QTP 1X32T8/UNV ISN-SC	IS	1		N/A	C	C	N/A	N/A
	QTP 2X32T8/UNV ISN-SC	IS	2		Parallel	C	C	C	C
	QTP 3X32T8/UNV ISN-SC	IS	3		Parallel	C	C	C	C
	QTP 4X32T8/UNV ISN-SC	IS	4		Parallel	C	C	C	C
	QHE 2X32T8/UNV ISN-SC	IS	2		Parallel	C	C	C	C
	QHE 3x32T8/UNV ISN-SC	IS	3		Parallel	C	C	C	C
	QHE 4X32T8/UNV ISN-SC	IS	4		Parallel	C	C	C	C
	QHE 3x32T8/UNV ISL-SC	IS	3		Parallel	C	C	C	C
	QHE 4X32T8/UNV ISL-SC	IS	4		Parallel	C	C	C	C
	QHE 2x32T8/UNV ISH-SC	IS	2		Parallel	C	C	C	C
	QHE 4x32T8/UNV ISH	IS	4		Parallel	C	C	C	C
	QHE 1X32T8/UNV ISH HT SC	IS	1		N/A	C	C	N/A	N/A
	QHE 2X32T8/UNV ISH HT SC	IS	2		Parallel	C	C	C	C
	QHE 3x32T8/UNV ISN-SC-1	IS	3		Parallel	C	C	C	C
	QHE 4x32T8/UNV ISN-SC-1	IS	4		Parallel	C	C	C	C
	QHE 3x32T8/UNV ISL-SC-1	IS	3		Parallel	C	C	C	C
QHE 4x32T8/UNV ISL-SC-1	IS	4		Parallel	C	C	C	C	
PHILIPS ADVANCE	REB-2P32-N	IS	2		Parallel	C	N/A	C	N/A

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# T8 Hybrid Type A+B



## T8 HYBRID UBEND

T8-13-U1G-8XX-SD-HYB  
T8-13-U6G-8XX-SD-HYB

Ballast Brand	Part Number	Start method	Number of Lamps	Dimming	Lamp Connection	N Lamp		N-1 Lamp	
		PS/IS/RS/PRS	1/2/3/4			120V	277V	120V	277V
ARCATA	ACT2P32ISUNV	IS	2		Parallel	C	C	C	C
	ACT4P32ISUNV	IS	4		Parallel	C	C	C	C
PHILIPS ADVANCE	ICN-3P32-N	IS	3		Parallel	C	C	C	C
	ICN-4P32-N	IS	4		Parallel	C	C	C	C
	ICN-2P32-SC	IS	2		Parallel	C	C	C	C
	IOPA-1P32-N	IS	1		N/A	C	C	N/A	N/A
	IOPA-2P32-N	IS	2		Parallel	C	C	C	C
	IOPA-3P32-N	IS	3		Parallel	C	C	C	C
	IOPA-4P32-LW-N	IS	4		Parallel	C	C	C	C
	REL-2P32-SC (Verion: UL 704G)	IS	2		Parallel	C	N/A	C	N/A
ESPEN	VE232MVHIPLE	IS	2		Parallel	C	C	C	C
	VE432MVHIP	IS	4		Parallel	C	C	C	C
	VE432MVHIPE	IS	4		Parallel	C	C	C	C
FULHAM	NPY-120-432-T8B	IS	4		Parallel	C	N/A	C	N/A
	NPY-120-432-T8-IS	IS	4		Parallel	C	N/A	C	N/A
	WHCG3-120-T8-IS	IS	3		Parallel	C	N/A	C	N/A
	WH2-120-L	IS	1		N/A	C	N/A	N/A	N/A
	WH5-120-L	IS	4		Parallel	C	N/A	C	N/A
FUSION	FB232MVE	IS	2		Parallel	C	C	C	C
	FB232MVE-N	IS	2		Parallel	C	C	C	C
	FB232MVE-HE	IS	2		Parallel	C	C	C	C
	FB232MVE-LHE	IS	2		Parallel	C	N/A	C	N/A
	FB232MVE-PPS-HE	PS	2		N/A	C	C	C	C
	FB332MVE	IS	3		Parallel	C	C	C	C
	FB432MVE	IS	4		Parallel	C	C	C	C
	FB432MVE-HE	IS	4		Parallel	C	C	C	C
	FB432MVE-N	IS	4		Parallel	C	C	C	C
	FB432MVE-PPS-HE	PS	4		N/A	C	C	C	C
GENERAL ELECTRIC	GE232-120-PS-N	PS	2		N/A	C	N/A	C	N/A
	GE232MAXP-N/ULTRA	IS	2		Parallel	C	C	C	C

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# T8 Hybrid Type A+B



## T8 HYBRID UBEND

T8-13-U1G-8XX-SD-HYB  
T8-13-U6G-8XX-SD-HYB

Ballast Brand	Part Number	Start method	Number of Lamps	Dimming	Lamp Connection	N Lamp		N-1 Lamp	
		PS/IS/RS/PRS	1/2/3/4			120V	277V	120V	277V
GENERAL ELECTRIC	GE332MAX-L/ULTRA	IS	3		Parallel	C	C	C	C
	GE332MV-N-DIY	IS	3		Parallel	C	C	C	C
	GE432-120-N	IS	4		Parallel	C	N/A	C	N/A
	GE432MAX-G-N	IS	4		Parallel	C	C	C	C
	GE432MAX-H-42T	IS	4		Parallel	C	C	C	C
	GE432MV-N-DIY	IS	4		Parallel	C	C	C	C
GREENHILL	GH4P32ISUNV	IS	4		Parallel	C	C	C	C
HALCO	EP332IS/MV/MC	IS	3		Parallel	C	C	C	C
	EP432IS/L/MV/HE	IS	4		Parallel	C	C	C	C
	EP432IS/MV/MC	IS	4		Parallel	C	C	C	C
HUAFENG	ENI-T8-32-P2SC-N	IS	2		Parallel	C	C	C	C
KEYSTONE	KTEB-132-UV-IS-L-P	IS	1		N/A	C	C	N/A	N/A
	KTEB-132-UV-PS-N-P	IS	1		N/A	C	C	N/A	N/A
	KTEB-232-UV-IS-L-P	IS	2		Parallel	C	C	C	C
	KTEB-232-UV-IS-N-P	IS	2		Parallel	C	C	C	C
	KTEB-232-UV-PS-VDIM	PS	2	YES	N/A	C	C	C	C
	KTEB-332-UV-IS-L-P	IS	3		Parallel	C	C	C	C
	KTEB-332-UV-IS-N-P	IS	3		Parallel	C	C	C	C
	KTEB-332-UV-PS-L-P	PS	3		N/A	C	C	C	C
	KTEB-332-UV-PS-N-P	PS	3		N/A	C	C	C	C
	KTEB-432-UV-IS-L-P	IS	4		Parallel	C	C	C	C
	KTEB-432-UV-IS-N-P	IS	4		Parallel	C	C	C	C
	KTEB-432-UV-PS-L-P	PS	4		N/A	C	C	C	C
	KTEB-432-UV-PS-N-P	PS	4		N/A	C	C	C	C
OSRAM SYLVANIA	QHE 2x32T8/UNV DIM-TC	PS	2	YES	N/A	C	C	C	C
	QTP 4x32T8/UNV ISN-SC	IS	4		Parallel	C	C	C	C
PACIFIC	EB-332IS-U	IS	3		Parallel	C	C	C	C
	EB-432IS-U	IS	4		Parallel	C	C	C	C
PQL	70201	IS	2		Parallel	C	C	C	C

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# T8 Hybrid Type A+B



## T8 HYBRID UBEND

T8-13-U1G-8XX-SD-HYB  
T8-13-U6G-8XX-SD-HYB

Ballast Brand	Part Number	Start method	Number of Lamps	Dimming	Lamp Connection	N Lamp		N-1 Lamp	
		PS/IS/RS/PRS	1/2/3/4			120V	277V	120V	277V
PQL	70204	IS	4		Parallel	C	C	C	C
PREMIUM	BB-T8/UVH-2x32	IS	2		Parallel	C	C	C	C
	BB-T8/UVH-3x32	IS	3		Parallel	C	C	C	C
ROBERTSON	RSW240T12120	PS	2		N/A	C	N/A	C	N/A
STANDARD	E232PI120L	IS	2		Parallel	C	N/A	C	N/A
	E432T8IS120/N/AS/BULK	IS	4		Parallel	C	N/A	C	N/A
UNIVERSAL	B432IUNVHP-A	IS	4		Parallel	C	C	C	C

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## Emergency Ballast List

Brand	Model	Output
PHILIPS BODINE	B50	AC
	LP600	AC
	ELI-S-20	AC
IOTA	I-320	AC
	I-42-EM-R-J	AC
	ISL-540	AC
	ISL-54	AC
	ISL-320	AC
EXITRONIX	XEB-7-B-LM	AC
WESTGATE	BAL500	AC
KEYSTONE	KT-EMRG-800-T5	AC
	KT-EMRG-1400-SL	DC
	KT-EMRG-1300-T5	AC
ESPEN	VEM500DV(L)	AC
	VEM700DV(L)	AC
TAMLITE	BAL1400LPACTD	AC
	BAL500LPACTD	AC