EIKO CERTIFIED GREEN

LITESPANLED

LED T8 Dual Mode Replacement Lamp Ballast Compatibility

12W LED T8 Dual Mode - 120-277V (LED12WT8/48/8xx-G8DM)

Manufacturer	Part Number	Start Method	# of Lamps	1 Lamp		2 Lamp		3 Lamp		4 Lamp		Ballast Version
				120V	277V	120V	277V	120V	277V	120V	277V	
ADVANCE	ICN-2P32-N	IS	2	✗	✗	✓	✓	NA	NA	NA	NA	REV C/E
ADVANCE	ICN-2P32-SC	IS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
ADVANCE	ICN-3P32-N	IS	3	NA	NA	✓	✓	✓	✓	NA	NA	REV D
ADVANCE	ICN-4P32-N	IS	3	NA	NA	✓	✓	✓	✓	NA	NA	REV D
ADVANCE	ICN-4P32-SC	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	REV D
ADVANCE	IOPA-1P32-LW-N	IS	1	✗	✗	NA	NA	NA	NA	NA	NA	REV A
ADVANCE	IOPA-1P32-N	IS	1	✓	✓	NA	NA	NA	NA	NA	NA	REV B
ADVANCE	IOPA-2P32-LW-N	IS	2	✗	✗	✓	✓	NA	NA	NA	NA	REV B
ADVANCE	IOPA-2P32-N	IS	2	✗	✗	✓	✓	NA	NA	NA	NA	REV A
ADVANCE	IOPA-3P32-N	IS	3	NA	NA	✓	✓	✓	✓	NA	NA	REV B
ADVANCE	IOPA-4P32-LW-N	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	REV A
ADVANCE	REL-2P32-SC	IS	2	✓	NA	✓	NA	NA	NA	NA	NA	NA
ADVANCE	VEL-2P32-SC	IS	2	NA	✗	NA	✓	NA	NA	NA	NA	REV D
ARCATA	ACT2P32ISUNV	IS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
ARCATA	ACT4P32ISUNV	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
ESPEN	VE232MVHIPHE	IS	2	✗	✗	✓	✓	NA	NA	NA	NA	NA
ESPEN	VE232MVHIPLE	IS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
ESPEN	VE432MVHIP	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
ESPEN	VE432MVHIPE	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
FULHAM	NPY-120-232-LT8	PS	2	✗	NA	✗	NA	NA	NA	NA	NA	NA
FULHAM	NPY-120-432-T8B	IS	4	NA	NA	NA	NA	✓	NA	✓	NA	NA
FULHAM	NPY-120-432-T8-IS	IS	4	NA	NA	NA	NA	✓	NA	✓	NA	NA
FULHAM	WH2-120-L	IS	1	✓	NA	NA	NA	NA	NA	NA	NA	NA
FULHAM	WH5-120-L	IS	4	NA	NA	NA	NA	✓	NA	✓	NA	NA
FULHAM	WHCG3-120-T8-IS	IS	3	NA	NA	✓	NA	✓	NA	NA	NA	NA
FUSION	FB232MVE	IS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
FUSION	FB232MVE-HE	IS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
FUSION	FB232MVE-LHE	IS	2	✓	NA	✓	NA	NA	NA	NA	NA	NA
FUSION	FB232MVE-N	IS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
FUSION	FB232MVE-PPS-HE	PS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
FUSION	FB332MVE	IS	3	NA	NA	✓	✓	✓	✓	NA	NA	NA
FUSION	FB432MVE	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
FUSION	FB432MVE-HE	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
FUSION	FB432MVE-N	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
FUSION	FB432MVE-PPS-HE	PS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
GENERAL ELECTRIC	GE 232-120-PS-N	PS	2	✓	NA	✓	NA	NA	NA	NA	NA	NA
GENERAL ELECTRIC	GE232MAXP-H/ULTRA	IS	2	✗	✗	✓	✓	NA	NA	NA	NA	NA
GENERAL ELECTRIC	GE232MAXP-N/ULTRA	IS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
GENERAL ELECTRIC	GE232-MVPS-H	PS	2	✗	✗	✓	✓	NA	NA	NA	NA	NA
GENERAL ELECTRIC	GE232-MVPS-L	PS	2	✓	✓	✓	✓	NA	NA	NA	NA	NA
GENERAL ELECTRIC	GE332MAX90-V60	IS	3	NA	NA	✗	✗	✓	✓	NA	NA	NA
GENERAL ELECTRIC	GE332MAX-L/ULTRA	IS	3	NA	NA	✓	✓	✓	✓			NA
GENERAL ELECTRIC	GE332MV-N-DIY	IS	3	NA	NA	✓	✓	✓	✓	NA	NA	NA
GENERAL ELECTRIC	GE432-120-N	IS	4	NA	NA	NA	NA	✓	NA	✓	NA	NA
GENERAL ELECTRIC	GE432MAX-G-N	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
GENERAL ELECTRIC	GE432MAX-H-42T	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
GENERAL ELECTRIC	GE432MV-N-DIY	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
GREENHILL	GH4P32ISUNV	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
HALCO	EP332IS/MV/MC	IS	3	NA	NA	✓	✓	✓	✓	NA	NA	NA
HALCO	EP432IS/L/MV/HE	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
HALCO	EP432IS/MV/MC	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA
HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	NA	NA	NA	NA	✓	✓	✓	✓	NA

✓ = Compatible ✗ = Incompatible P = PF <0.85 T = THD >30% NA = Not applicable

EIKO CERTIFIED GREEN

LITESPANLED®

LED T8 Dual Mode Replacement Lamp Ballast Compatibility

12W LED T8 Dual Mode - 120-277V (LED12WT8/48/8xx-G8DM)

Manufacturer	Part Number	Start Method	# of Lamps	1 Lamp		2 Lamp		3 Lamp		4 Lamp		Ballast Version
				120V	277V	120V	277V	120V	277V	120V	277V	
HUAFENG	ENI-T8-32-P2SC-N	IS	2	✔	✔	✔	✔	NA	NA	NA	NA	NA
HUAFENG	ENI-T8-32-P4MC-N	IS	4	NA	NA	NA	NA	✘	✔	✘	✔	NA
KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	✔	✔	✔	✔	NA	NA	NA	NA	REV D1
KEYSTONE	KTEB-232-UV-PS-VDIM	PS	2	NA	NA	✔	✔	NA	NA	NA	NA	NA
KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	NA	NA	✔	✔	✔	✔	NA	NA	REV B
KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	NA	NA	NA	NA	✔	✔	✔	✔	REV A1
OSRAM SYLVANIA	QHE 2x32T8/UNV DIM-TC	PS	2	NA	NA	✔	✔	NA	NA	NA	NA	NA
OSRAM SYLVANIA	QTP 4x32T8/UNV ISN-SC	IS	4	NA	NA	NA	NA	✔	✔	✔	✔	NA
PACIFIC	EB-332IS-U	IS	3	NA	NA	✔	✔	✔	✔	NA	NA	NA
PACIFIC	EB-432IS-U	IS	4	NA	NA	NA	NA	✔	✔	✔	✔	NA
PQL	70201	IS	2	✔	✔	✔	✔	NA	NA	NA	NA	NA
PQL	70204	IS	4	NA	NA	NA	NA	✔	✔	✔	✔	NA
PREMIUM	BB-T8/UVH-2x32	IS	2	✔	✔	✔	✔	NA	NA	NA	NA	NA
PREMIUM	BB-T8/UVH-3x32	IS	3	NA	NA	NA	NA	✔	✔	NA	NA	NA
ROBERTSON	RSW240T12120	PS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
STANDARD	E232PI120L	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
STANDARD	E432T8IS120/H	IS	4	NA	NA	NA	NA	✘	NA	✔	NA	NA
STANDARD	E432T8IS120/N/AS/BULK	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
SUNPARK	SL15T	PS	2	✘	NA	✔	NA	NA	NA	NA	NA	NA
UNIVERSAL LIGHTING TECHNOLOGIES	B232PUSV3PLA	PS	2	✘	✘	✘	✘	NA	NA	NA	NA	REV A
UNIVERSAL LIGHTING TECHNOLOGIES	B232SR120S30	PS	2	NA	NA	✘	NA	NA	NA	NA	NA	REV E
UNIVERSAL LIGHTING TECHNOLOGIES	B432IUNVHP-A	IS	4	NA	NA	NA	NA	✔	✔	✔	✔	REV B

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12W LED T8 Dual Mode - 347-480V (LED12WT8/48/8xx-G8DM)

Manufacturer	Part Number	Start Method	# of Lamps	1 Lamp		2 Lamp		3 Lamp		4 Lamp		Ballast Version
				120V	277V	120V	277V	120V	277V	120V	277V	
ADVANCE	GOPA-2P32-LW-SC	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	REV D
ADVANCE	GOPA-2P32-SC	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	REV C
ADVANCE	GOPA-4P32-LW-SC	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	REV D
ADVANCE	GOPA-4P32-SC	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	REV D
ARCATA	ACT2P32IS347	IS	2	✔	✔	✔	✔	NA	NA	NA	NA	NA
ARCATA	ACT4P32IS347	IS	4	NA	NA	NA	NA	✔	✔	✔	✔	NA
FUSION	FB232347E-HE	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
FUSION	FB232347E-L	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
FUSION	FB232347E-N	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
FUSION	FB232347E-PPS-HE	PS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
FUSION	FB432347E-HE	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
FUSION	FB432347E-L	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
FUSION	FB432347E-N	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
FUSION	FB432347E-PPS-HE	PS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
GENERAL ELECTRIC	GE232MAX347-H	IS	2	✘	NA	✔	NA	NA	NA	NA	NA	NA
GENERAL ELECTRIC	GE232PS347-N	PS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
GENERAL ELECTRIC	GE332MAX347-H	IS	3	NA	NA	✘	NA	✔	NA	NA	NA	NA
GENERAL ELECTRIC	GE432MAX347-H	IS	4	NA	NA	NA	NA	✘	NA	✔	NA	NA
GENERAL ELECTRIC	GE432PS347-N	PS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
OSRAM SYLVANIA	QHE 2x32 T8/347 ISL-SC	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
OSRAM SYLVANIA	QHE 2x32 T8/347 ISN-SC	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
STANDARD	E232T8IS347/H/90C	IS	2	✘	NA	✘	NA	NA	NA	NA	NA	NA
STANDARD	E232T8IS347/L/BULK	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
STANDARD	E232T8IS347/N/BULK	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA

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LED T8 Dual Mode Replacement Lamp Ballast Compatibility

12W LED T8 Dual Mode - 347-480V (LED12WT8/48/8xx-G8DM)

Manufacturer	Part Number	Start Method	# of Lamps	1 Lamp		2 Lamp		3 Lamp		4 Lamp		Ballast Version
				120V	277V	120V	277V	120V	277V	120V	277V	
STANDARD	E432PI347G01	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
STANDARD	E432T8IS347/H/90C	IS	4	NA	NA	NA	NA	✔	NA	✘	NA	NA
STANDARD	E432T8IS347/L/BULK	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
STANDARD	E432T8IS347/N	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
STANDARD	E432T8IS347/N/BULK	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA
UNIVERSAL LIGHTING TECHNOLOGIES	B232I347HE-A	IS	2	✔	NA	✔	NA	NA	NA	NA	NA	NA
UNIVERSAL LIGHTING TECHNOLOGIES	B432I347HE-A	IS	4	NA	NA	NA	NA	✔	NA	✔	NA	NA

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12W LED T8 Dual Mode - Emergency Ballast (LED12WT8/48/8xx-G8DM)

Manufacturer	Part Number	Compatibility
KEYSTONE	KT-EMRG-500	✔
KEYSTONE	KT-EMRG-750-CFL4	✔
KEYSTONE	KT-EMRG-1300-T5	✔
LOTA	ISL-54	✔

✓ = Compatible ✗ = Incompatible

EIKO CERTIFIED GREEN

LITESPANLED

LED T8 Dual Mode Replacement Lamp Ballast Compatibility

15W LED T8 Dual Mode (LED15WT8F/48/8xx-G7DM)

Manufacturer	Part Number	Start Method	# of Lamps	BF	Lamp Connection	N-1 Lamp		N Lamp	
						120VAC	277VAC	120VAC	277VAC
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	✔	✗	✔	✔
DAMAR	EL232HL-120/277HF(1688D)	IS	2	H	Parallel	✗	✗	✔	✗
DAMAR	EL332-120/277HF(3654C)	IS	3	N	Parallel	✔	✔	✔	✔
DAMAR	EL332HL-120/277HF(3654H)	IS	3	H	Parallel	✔	✔	✔	✔
DAMAR	EL432-120/277HF(3093B)	IS	4	N	Parallel	✔	✔	✔	✔
DAMAR	EL432HL-120/277HF(3093C)	IS	4	H	Parallel	✗	✗	✗	✗
EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	Parallel	✔	✔	✔	✔
EIKO	PM-3X32T8-UNV-IS	IS	3	N	Parallel	✔	✔	✗	✔
EIKO	PM-3X32T8-UNV-IS-H	IS	3	H	Parallel	✗	✔	✗	✔
EIKO	PM-3X32T8-UNV-IS-L	IS	3	L	Parallel	✔	✔	✗	✔
EIKO	PM-4X32T8-UNV-IS	IS	4	N	Parallel	✗	✔	✗	✔
EIKO	PM-4X32T8-UNV-IS-L	IS	4	L	Parallel	✗	✔	✗	✔
EIKO	PM-2X32T8-UNV-IS	IS	2	N	Parallel	✔	✔	✔	✔
EIKO	PM-2×32T8-UNV-IS-H	IS	2	H	Parallel	✔	✔	✗	✔
ESPEN	VE232MVHIPE	IS	2	N	Parallel	✔	✔	✔	✔
ESPEN	VE232MVHIPHE	IS	2	H	Parallel	✔	✔	✔	✔
ESPEN	VE232MVHIPLE	IS	2	L	Parallel	✔	✔	✔	✔
General Electric	GE-232-MV-N	IS	2	N	Parallel	✔	✔	✔	✔
General Electric	GE232MAX-N/ULTRA	IS	2	N	Parallel	✔	P	✔	✔
General Electric	GE432MAX-H/ULTRA	IS	4	H	Parallel	✔	P,T	✔	✔
General Electric	GE432MAX-L/ULTRA	IS	4	L	Parallel	✔	✔	✔	✔
General Electric	GE-232-MAX-H/Ultra	IS	2	H	Parallel	✔	✔	✔	✔
General Electric	GE432MAX-G-N	IS	4	N	Parallel	✔	✔	✔	✔
General Electric	GE132MAX-G-N	IS	1	H	n.a	NA	NA	✗	✗
General Electric	GE132MAX-H/ULTRA	IS	1	H	n.a	NA	NA	✔	✔
General Electric	GE132MAX-L/ULTRA	IS	1	H	n.a	NA	NA	✗	✗
General Electric	GE132MAXP-N/ULTRA	IS	1	N	n.a	NA	NA	✔	✔
General Electric	GE232MV-N-DIY	IS	2	N	Parallel	✔	✔	✔	✔
General Electric	GE232MAX-L/ULTRA	IS	2	L	Parallel	✔	✔	✔	✔
General Electric	GE232MAX347-N	IS	2	N	Parallel	NA	✗	NA	(347V)
General Electric	GE332MV-N	IS	3	H	Parallel	✔	✔	✔	✔
General Electric	GE332MAX-N/ULTRA	IS	3	H	Parallel	✗	✗	✔	✔
General Electric	GE332MAX-L/ULTRA	IS	3	H	Parallel	✔	✔	✔	✔
General Electric	GE332MAX-G-N	IS	3	H	Parallel	✔	✔	✔	✔
General Electric	GE332MAXP-H/ULTRA	IS	3	H	Parallel	✔	✔	✔	✔
General Electric	GE432-120-RES	IS	4	N	Parallel	✔	NA	✔	NA
General Electric	GE432MV-N-42T	IS	4	H	Parallel	✔	✔	✔	✔
General Electric	GE432MAX-N/ULTRA	IS	4	H	Parallel	✔	✔	✔	✔
General Electric	GE432MAX347-N	IS	4	N	Parallel	NA	(347V)	NA	(347V)
General Electric	GE232MAXP90-V60	IS	2	H	Parallel	✔	P,T	✔	T
General Electric	GE332MAXP90-V60	IS	3	H	Parallel	✔	P,T	✔	T
General Electric	GE432MAX-H/ULTRA	IS	4	H	Parallel	✔	✔	✔	✔
General Electric	GE232MAX-G-L	IS	2	L	Parallel	✗	✗	✗	✗
General Electric	GE332MAXP-L/ULTRA	IS	3	L	Parallel	✔	✔	✔	✔
Halco	EP232IS/MV/HE	IS	2	N	Parallel	✔	✔	✔	✔
Halco	EP332IS/MV/HE	IS	3	H	Parallel	✔	✔	✔	✔
Halco	EP432IS/MV/HE	IS	4	H	Parallel	✔	✔	✗	✔
Halco	EP432IS/L/MV/HE	IS	4	H	Parallel	✔	✔	✔	✔
Halco	EP232IS/L/MV/HE	IS	2	L	Parallel	✔	✔	✔	✔

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LED T8 Dual Mode Replacement Lamp Ballast Compatibility

15W LED T8 Dual Mode (LED15WT8F/48/8xx-G7DM)

Manufacturer	Part Number	Start Method	# of Lamps	BF	Lamp Connection	N-1 Lamp		N Lamp	
						120VAC	277VAC	120VAC	277VAC
Halco	EP232IS/H/MV/HE	IS	2	H	Parallel	✔	✔	✔	✔
Halco	EP332IS/L/MV/HE	IS	3	L	Parallel	✔	✔	✔	✔
Halco	EP432IS/120/MC	IS	4	n	Parallel	✗	NA	✗	NA
HATCH	HL232BIS/UV/HE/W	IS	2	N	Parallel	✔	✔	✔	✔
HATCH	HL432BIS/UV/HE/W	IS	4	N	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	EPH4/32IS/MV/SC/HE	IS	4	H	Parallel	✗	✗	✗	✗
HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3	N	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	EPH2/321S/MV/MC/HE	IS	2	H	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	E2/32IS-120MC	IS	2	N	Parallel	P,T	NA	✔	NA
HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	IS	2	L	Parallel	✔	P,T	✔	✔
HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3	L	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	EP3/32IS/MV/MC/HE	IS	3	N	Parallel	✔	✔	✔	✔
HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3	N	Parallel	✔	✗	✔	✔
KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	H	Parallel	✔	✔	✔	✔
KEYSTONE	KTEB-432RIS-1-TP-SL	IS	4	N	Parallel	✔	NA	✔	NA
KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	N	Parallel	✔	✔	✔	✔
KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	N	Parallel	✔	✔	✗	✔
KEYSTONE	KTEB-232LBF-1-TP-PIC-EV	IS	2	N	Parallel	✔	NA	✔	NA
KEYSTONE	KTEB-232-UV-IS-H-P	IS	2	H	Parallel	✔	✔	✔	✔
KEYSTONE	KTEB-332-UV-IS-H-P	IS	3	H	Parallel	✔	✗	✔	✔
KEYSTONE	KTEB-432-UV-IS-H-P	IS	4	H	Parallel	✔	✔	✔	✔
LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	Parallel	✔	✔	✔	✔
MAXLITE	SKEU322HEL/SC	IS	2	H	Parallel	✔	✔	✔	✔
MAXLITE	SKEU324HE/SC	IS	4	H	Parallel	✔	✔	✔	✔
MAXLITE	SKEU323L/SC	IS	3	H	Parallel	✔	✔	✔	✔
MAXLITE	MLEU322HEL/SC	IS	2	L	Parallel	✔	✔	✔	✔
MAXLITE	MLEU323H/SC	IS	3	H	Parallel	✗	✗	✗	✗
MAXLITE	MLEU324HE/SC	IS	4	N	Parallel	✗	✔	✗	✔
OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC	IS	2	N	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC	IS	2	N	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC	IS	2	L	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC	IS	4	N	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC	IS	4	L	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QTP 4×32T8/UNV ISN-SC	IS	4	N	Parallel	✔	✗	✔	✔
OSRAM SYLVANIA	QHE 1X32T8/UNV ISN-SC	IS	1	N	n.a	NA	NA	✔	✔
OSRAM SYLVANIA	QHE 1X32T8/UNV ISL-SC	IS	1	L	n.a	NA	NA	✔	✔
OSRAM SYLVANIA	QHE 2X32T8/UNV ISH-SC	IS	2	H	Parallel	✔	✗	✔	✗
OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3	H	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 3X32T8/UNV ISN-SC	IS	4	N	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3	L	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QTP2x32T8/277 ISN-D	IS	2	N	Parallel	NA	✔	NA	✔
OSRAM SYLVANIA	QT2X32/120 IS-SC	IS	2	N	Parallel	T	NA	✔	NA
OSRAM SYLVANIA	QHE 3x32T8/UNV ISH HT-SC	IS	3	H	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QTP 2X32T8/UNV ISL-SC	IS	2	L	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT-SC	IS	2	H	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QHE 4x32T8/UNV ISH-SC	IS	4	H	Parallel	✔	✔	✔	✔
OSRAM SYLVANIA	QT 2x32/347 ISH-SC	IS	2	H	Parallel	NA	✔	NA	✔
OSRAM SYLVANIA	QHE 1X32T8/UNV ISH-SC	IS	1	H	n.a	NA	NA	✔	P,T

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EIKO CERTIFIED GREEN

LITESPANLED®

LED T8 Dual Mode Replacement Lamp Ballast Compatibility

15W LED T8 Dual Mode (LED15WT8F/48/8xx-G7DM)

Manufacturer	Part Number	Start Method	# of Lamps	BF	Lamp Connection	N-1 Lamp		N Lamp	
						120VAC	277VAC	120VAC	277VAC
OSRAM SYLVANIA	QT 3x32/277 IS	IS	3		Parallel	NA	✗	NA	✗
Pacific Flourescent	EB-232IS-120-RES	IS	2	N	Parallel	✔	NA	✔	NA
Philips-Advance	ICN-2P32-N	IS	2	N	Parallel	✔	✔	✔	✔
Philips-Advance	IOP-2P32-N	IS	2	N	Parallel	✔	✔	✔	✔
Philips-Advance	IOP-2P32-LW-N	IS	2	L	Parallel	✔	✔	✔	✔
Philips-Advance	IOPA-3P32-LW-N	IS	3	L	Parallel	✗	✗	✗	✗
Philips-Advance	IOPA-4P32-N	IS	4	N	Parallel	✔	✔	✔	✔
Philips-Advance	IOPA-4P32-HL-SC	IS	4	H	Parallel	✔	✔	✔	✔
Philips-Advance	IOP-4P32-N	IS	4	N	Parallel	✔	✔	✔	✔
Philips-Advance	IOP-4P32-LW-N	IS	4	L	Parallel	✔	✔	✔	✔
Philips-Advance	ICN-4P32-N	IS	4	N	Parallel	✔	✔	✔	✔
Philips-Advance	IOP-1P32-N	IS	1	N	n.a	NA	NA	✗	✗
Philips-Advance	IOP-2P32HL-SC	IS	2	H	Parallel	✗	✗	✗	✗
Philips-Advance	ICN-1P32-N	IS	1	H	n.a	NA	NA	✗	✗
Philips-Advance	IOPA-1P32-N	IS	1	H	n.a	NA	NA	✗	✗
Philips-Advance	REB-2P32-SC	IS	2	N	Parallel	✔	NA	✔	NA
Philips-Advance	IOPA-3P32-N	IS	3	H	Parallel	✔	✔	✔	✔
Philips-Advance	IOP-3P32-N	IS	3	H	Parallel	✔	✔	✔	✔
Philips-Advance	REB-4P32-SC	IS	4	N	Parallel	✔	NA	✔	NA
Philips-Advance	IOP-4P32-HL-SC	IS	4	H	Parallel	✗	✗	✗	✗
Philips-Advance	ICN-4P32-SC	IS	4	N	Parallel	✔	✔	✔	✔
Philips-Advance	ICN-3P32-N	IS	3	N	Parallel	✔	✔	✔	✔
Philips-Advance	VEL-2P32-SC	IS	2	N	Parallel	NA	P	NA	✔
Philips-Advance	IOPA-2P32-HL-N	IS	2	H	Parallel	✔	P	✔	✔
Philips-Advance	VEL-2P32-RH-TP	IS	2	N	Parallel	NA	✗	NA	✔
Philips-Advance	IOP-3P32HL-90C-SC	IS	3	H	Parallel	✗	✗	✗	✗
Philips-Advance	IOP-4P32-SC	IS	4	N	Parallel	✗	✔	✔	✔
Philips-Advance	IOPA-4P32-SC	IS	4	N	Parallel	✗	✔	✗	✔
Philips-Advance	ICN-132-MC	IS	1	L	n.a	NA	NA	✗	✗
Philips-Advance	ICN-2P16-TLED-N	IS	2	N	Parallel	✔	✔	✔	✔
Philips-Advance	ICN-2P32-SC	IS	2	N	Parallel	✔	✔	✔	✔
PLUSRITE	BAF232IS/MV	IS	2	N	Parallel	✔	✔	✔	✔
PLUSRITE	BAF332IS/MV	IS	3	N	Parallel	✔	✔	✔	✔
Plusrite	BAF232IS/MV/L	IS	2	L	Parallel	✔	✔	✔	✔
Plusrite	BAF332IS/MV/L	IS	3	L	Parallel	✔	✔	✔	✔
Plusrite	BAF432IS/MV	IS	4	N	Parallel	✔	✔	✔	✔
Plusrite	BAF432IS/MV/L	IS	4	L	Parallel	✔	✔	✔	✔
ProLume	EP232IS/L/MV/SL	IS	2	L	Parallel	✔	✔	✔	✔
Prolume	E432IS/120/R/SL	IS	4	N	Parallel	✔	NA	✔	NA
SOLA	E-758-U-232-MC	IS	2	N	Parallel	✔	✔	✔	✔
SUNPARK	120-1/32IS HPF	IS	1	N	n.a	NA	NA	✔	NA
SUNPARK	U-2/32IS HBF	IS	2	H	Parallel	✔	✗	✔	✔
SUNPARK	U-2/32ISE-LBF	IS	2	L	Parallel	✔	✔	✔	✔
SUNPARK	U-3/32ISE	IS	3	N	Parallel	✔	✔	✔	✔
SUNPARK	120-3/32IS MPF	IS	3	H	Parallel	P,T	NA	P,T	NA
SUNPARK	U-4/32IS HP,F	IS	4	N	Parallel	✔	✔	✔	✔
SUNPARK	U-4/32IS HBF	IS	4	H	Parallel	✔	✔	✔	✔
SUNPARK	U-4/32ISE-LBF	IS	4	L	Parallel	✔	✔	✔	✔
Superior Life	70201	IS	2	N	Parallel	✔	✗	✔	✔
TCP	E2P32ISUNVHE	IS	2	H	Parallel	✔	✗	✔	✔
TCP	E4P32ISUNVLE	IS	4	L	Parallel	✔	✗	✔	✔
TCP	E3P32ISUNVE	IS	3	N	Parallel	✔	✔	✔	✔

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EIKO CERTIFIED GREEN

LITESPANLED

LED T8 Dual Mode Replacement Lamp Ballast Compatibility

15W LED T8 Dual Mode (LED15WT8F/48/8xx-G7DM)

Manufacturer	Part Number	Start Method	# of Lamps	BF	Lamp Connection	N-1 Lamp		N Lamp	
						120VAC	277VAC	120VAC	277VAC
TCP	E3P32ISUNVLE	IS	3	L	Parallel	✔	✔	✔	✔
TCP	E4P32ISUNVE	IS	4	N	Parallel	✔	✔	✔	✔
TCP	E4P32ISUNVHE	IS	4	H	Parallel	✔	✔	✔	✔
TCP	TCP3P32ISUNVH	IS	3	H	Parallel	✔	✔	✔	✔
TOPAZ	B232IUNVHEH/A-TPZ	IS	2	H	Parallel	✔	✔	✔	✔
TOPAZ	B432IUNVHEH/A-TPZ	IS	4	H	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B232IUNVHP-N	IS	2	N	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B232IUNVEL-A	IS	2	L	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B233IUNVHE-A	IS	2	N	Parallel	✗	✗	✗	✗
Universal Lighting Technologies	B432IUNVHE L-A	IS	4	L	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B232IUNVHEH-A	IS	2	H	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B332IUNVHP-A	IS	3	H	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B432IUNVHP-A	IS	4	H	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B232I120RES-A	IS	2	N	Parallel	✔	NA	✔	NA
Universal Lighting Technologies	B132IUNVHP-N	IS	1	N	n.a	NA	NA	✔	✔
Universal Lighting Technologies	B232IUNVHP-B	IS	2	N	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B232IUNV-C	IS	2	N	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B432IUNVHE-A	IS	4	N	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B432IUNVHEH-E	IS	4	H	Parallel	✔	✔	✔	✔
Universal Lighting Technologies	B232I277RH-A	IS	4	H	Parallel	NA	P,T	NA	✔
Watran	DB-232N-MV-TP-HE	IS	2	N	Parallel	✔	✔	✔	✔
Watran	DB-332N-MV-TP-HE	IS	3	N	Parallel	✔	✔	✔	✔
Watran	DB-432N-MV-TP-HE	IS	4	N	Parallel	✔	✔	✔	✔
Watran	DB-432L-MV-TP-HE	IS	4	L	Parallel	✔	✔	✔	✔
Watran	DB-232N-MV-TP-HE(SC)	IS	2	N	Parallel	✔	✔	✔	✔
WORK HORSE	WHSG3-UNV-T8-IS	IS	3	N	Parallel	✔	✔	✔	✔
WORK HORSE	WHSG4-UNV-T8-IS	IS	4	N	Parallel	✔	✔	✔	✔

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