

HYBRID TUBES • T8

DIRECT REPLACEMENT & BY-PASS



BALLAST COMPATIBILITY

BRAND	MODEL	START METHOD	# OF LAMPS	1 LAMP LOAD		2 LAMP LOAD		3 LAMP LOAD		4 LAMP LOAD		DIMMING	BALLAST VERSION
				120V	277V	120V	277V	120V	277V	120V	277V		
ADVANCE	ICN-2P32-N	IS	2	X	X	✓	✓	-	-	-	-	/	REV C/E
	ICN-3P32-N	IS	3	-	-	✓	✓	✓	✓	-	-	/	REV D NOISE
	ICN-4P32-N	IS	3	-	-	✓	✓	✓	✓	-	-	/	REV D NOISE
	ICN-2P32-SC	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	IOPA-1P32-N	IS	1	✓	✓	-	-	-	-	-	-	/	REV B
	IOPA-2P32-N	IS	2	✓	✓	✓	✓	-	-	-	-	/	REV A
	IOPA-3P32-N	IS	3	-	-	✓	✓	✓	✓	-	-	/	REV B
	IOPA-1P32-LW-N	IS	1	X	X	-	-	-	-	-	-	/	REV A
	IOPA-2P32-LW-N	IS	2	X	X	✓	✓	-	-	-	-	/	REV B
	IOPA-4P32-LW-N	IS	4	-	-	-	-	✓	✓	✓	✓	/	REV A
	REL-2P32-SC	IS	2	✓	-	✓	-	-	-	-	-	/	UL 704G UL 3K70 WILL NOT WORK
ICN-4P32-SC	IS	4	-	-	-	-	X	✓	X	✓	/	REV D REV C FLICKER	
ARCATA	ACT2P32ISUNV	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	ACT4P32ISUNV	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
ESPEN	VE232MVHIPHE	IS	2	X	X	✓	✓	-	-	-	-	/	/
	VE232MVHIPL	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	VE432MVHIP	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
FULHAM	VE432MVHIPE	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
	NPY-120-232-LT8	PS	2	X	-	X	-	-	-	-	-	/	/
	NPY-120-432-T8B	IS	4	-	-	-	-	✓	-	✓	-	/	/
	NPY-120-432-T8-IS	IS	4	-	-	-	-	✓	-	✓	-	/	/
	WHCG3-120-T8-IS	IS	3	-	-	✓	-	✓	-	-	-	/	/
	WH2-120-L	IS	1	✓	-	-	-	-	-	-	-	/	/
FUSION	WH5-120-L	IS	4	-	-	-	-	✓	-	✓	-	/	/
	FB232MVE	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	FB232MVE-N	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	FB232MVE-HE	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	FB232MVE-LHE	IS	2	✓	-	✓	-	-	-	-	-	/	/
	FB232MVE-PPS-HE	PS	2	✓	✓	✓	✓	-	-	-	-	/	/
	FB332MVE	IS	3	-	-	✓	✓	✓	✓	-	-	/	/
	FB432MVE	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
	FB432MVE-HE	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
	FB432MVE-N	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
GE	FB432MVE-PPS-HE	PS	4	-	-	-	-	✓	✓	✓	✓	/	/
	GE 232-120-PS-N	PS	2	✓	-	✓	-	-	-	-	-	/	/
	GE232MAXP-N/ULTRA	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	GE232MAXP-H/ULTRA	IS	2	X	X	✓	✓	-	-	-	-	/	/
	GE232-MVPS-L	PS	2	✓	X	✓	X	-	-	-	-	/	/
	GE232-MVPS-H	PS	2	X	X	✓	✓	-	-	-	-	/	/
	GE332MAX-L/ULTRA	IS	3	-	-	✓	✓	✓	✓	-	-	/	/
	GE332MAX90-V60	IS	3	-	-	X	X	✓	✓	-	-	Dimming	/
	GE332MV-N-DIY	IS	3	-	-	✓	✓	✓	✓	-	-	/	/
	GE432-120-N	IS	4	-	-	-	-	✓	-	✓	-	/	/
	GE432MAX-G-N	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
	GE432MAX-H-42T	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
	GE432MV-N-DIY	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
GREENHILL	GH4P32ISUNV	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
HALCO	EP332IS/MV/MC	IS	3	-	-	✓	✓	✓	✓	-	-	/	/
	EP432IS/L/MV/HE	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
HOWARD	EP432IS/MV/MC	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
	EP4/32IS/MV/MC/HE	IS	4	-	-	-	-	✓	X	✓	✓	/	/
HUAFENG	ENI-T8-32-P2SC-N	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	ENI-T8-32-P4MC-N	IS	4	-	-	-	-	X	✓	X	✓	/	/
KEYSTONE	KTEB-232-UV-IS-N-P	IS	2	✓	✓	✓	✓	-	-	-	-	/	Version D1
	KTEB-232-UV-PS-VDIM	PS	2	-	-	✓	✓	-	-	-	-	Dimming	/

KEY			
✓	Compatible	X	Not Recommended
-	Not applicable		
			Dimming

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BALLAST COMPATIBILITY

BRAND	MODEL	START METHOD	# OF LAMPS	1 LAMP LOAD		2 LAMP LOAD		3 LAMP LOAD		4 LAMP LOAD		DIMMING	BALLAST VERSION
				120V	277V	120V	277V	120V	277V	120V	277V		
KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	-	-	✓	✓	✓	✓	-	-	/	Version B
	KTEB-432-UV-IS-N-P	IS	4	-	-	-	-	✓	✓	✓	✓	/	Version A1
OSRAM	QHE 2x32T8/UNV DIM-TC	PS	2	-	-	✓	✓	-	-	-	-	Dimming	Flicker After Turn Off
	QTP 4x32T8/UNV ISN-SC	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
PACIFIC	EB-332IS-U	IS	3	-	-	✓	✓	✓	✓	-	-	/	/
	EB-432IS-U	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
PQL	70201	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	70204	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
PREMIUM	BB-T8/UVH-2x32	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	BB-T8/UVH-3x32	IS	3	-	-	-	-	✓	✓	-	-	/	/
ROBERTSON	RSW240T12120	PS	2	✓	-	✓	-	-	-	-	-	/	/
STANDARD	E232PI120L	IS	2	✓	-	✓	-	-	-	-	-	/	/
	E432T8IS120/H	IS	4	-	-	-	-	X	-	✓	-	/	/
	E432T8IS120/N/AS/BULK	IS	4	-	-	-	-	✓	-	✓	-	/	/
SUNPARK	SL15T	PS	2	X	-	✓	-	-	-	-	-	/	/
UNIVERSAL	B232PUSV3PLA	PS	2	X	X	X	X	-	-	-	-	Dimming	REV A
	B232SR120S30	PS	2	-	-	X	-	-	-	-	-	Dimming	REV E
	B432IUNVHP-A	IS	4	-	-	-	-	✓	✓	✓	✓	/	REV B

BRAND	MODEL	START METHOD	# OF LAMPS	1 LAMP LOAD		2 LAMP LOAD		3 LAMP LOAD		4 LAMP LOAD		DIMMING	BALLAST VERSION
				347V	480V	347V	480V	347V	480V	347V	480V		
ADVANCE	GOPA-2P32-LW-SC	IS	2	✓	-	✓	-	-	-	-	-	/	REV D
	GOPA-4P32-LW-SC	IS	4	-	-	-	-	✓	-	✓	-	/	REV D
	GOPA-2P32-SC	IS	2	✓	-	✓	-	-	-	-	-	/	REV C
	GOPA-4P32-SC	IS	4	-	-	-	-	✓	-	✓	-	/	REV D
ARCATA	ACT2P32IS347	IS	2	✓	✓	✓	✓	-	-	-	-	/	/
	ACT4P32IS347	IS	4	-	-	-	-	✓	✓	✓	✓	/	/
FUSION	FB232347E-HE	IS	2	✓	-	✓	-	-	-	-	-	/	/
	FB232347E-L	IS	2	✓	-	✓	-	-	-	-	-	/	/
	FB232347E-N	IS	2	✓	-	✓	-	-	-	-	-	/	/
	FB232347E-PPS-HE	PS	2	✓	-	✓	-	-	-	-	-	/	/
	FB432347E-HE	IS	4	-	-	-	-	✓	-	✓	-	/	/
	FB432347E-L	IS	4	-	-	-	-	✓	-	✓	-	/	/
	FB432347E-N	IS	4	-	-	-	-	✓	-	✓	-	/	/
	FB432347E-PPS-HE	PS	4	-	-	-	-	✓	-	✓	-	/	/
GE	GE232MAX347-H	IS	2	X	-	✓	-	-	-	-	-	/	/
	GE232PS347-N	PS	2	✓	-	✓	-	-	-	-	-	/	/
	GE332MAX347-H	IS	3	-	-	X	-	✓	-	-	-	/	/
	GE432MAX347-H	IS	4	-	-	-	-	X	-	✓	-	/	/
	GE432PS347-N	PS	4	-	-	-	-	✓	-	✓	-	/	/
OSRAM	QHE 2x32 T8/347 ISL-SC	IS	2	✓	-	✓	-	-	-	-	-	/	Flicker After Turn Off
	QHE 2x32 T8/347 ISN-SC	IS	2	✓	-	✓	-	-	-	-	-	/	Flicker After Turn Off
STANDARD	E232T8IS347/H/90C	IS	2	X	-	X	-	-	-	-	-	/	/
	E232T8IS347/L/BULK	IS	2	✓	-	✓	-	-	-	-	-	/	/
	E232T8IS347/N/BULK	IS	2	X	-	✓	-	-	-	-	-	/	/
	E432PI347G01	IS	4	-	-	-	-	✓	-	✓	-	/	/
	E432T8IS347/L/BULK	IS	4	-	-	-	-	✓	-	✓	-	/	/
	E432T8IS347/N	IS	4	-	-	-	-	✓	-	✓	-	/	/
	E432T8IS347/N/BULK	IS	4	-	-	-	-	✓	-	✓	-	/	/
UNIVERSAL	B232I347HE-A	IS	2	✓	-	✓	-	-	-	-	-	/	/
	B432I347HE-A	IS	4	-	-	-	-	✓	-	✓	-	/	/

EMERGENCY BALLAST													
KEYSTONE	KT-EMRG-500											✓	
	KT-EMRG-750-CFL4											✓	
	KT-EMRG-1300-T5											✓	
LOTA	ISL-54											✓	

KEY			
✓	Compatible	X	Not Recommended
-	Not applicable		Dimming