

9.5W T8 Direct Ballast Compatibility List



T8-9.5-48G-830-DIR
T8-9.5-48G-835-DIR
T8-9.5-48G-840-DIR
T8-9.5-48G-850-DIR

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
PHILIPS	IOPA-1P32-N	Instant Start	1	120	C
			1	277	C
PHILIPS	ICN-1P32-N	Instant Start	1	120	C
			1	277	C
PHILIPS	IOPA-1P32-LW-N	Instant Start	1	120	C
			1	277	C
PHILIPS	IZT-132-SC	Program Start	1	120	C
			1	277	C
PHILIPS	ICN-1P32-MC	Instant Start	1	120	C
			1	277	C
PHILIPS	ICN-2P32-N	Instant Start	1	120	C
			1	277	NA
			2	120	NA
			2	277	C
PHILIPS	IOPA-2P32-LW-N	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
PHILIPS	IOP-2P32-LW-N	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
PHILIPS	IOP-1P32-LW-N	Instant Start	1	120	C
			1	277	C
PHILIPS	IOPA-2P32-N	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
PHILIPS	REZ-132-SC	Program Start	1	120	C
PHILIPS	IOP-2PSP32-LW-N	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
PHILIPS	IZT-2PSP32-SC	Program Start	1	120	C
			1	277	C
			2	120	C
			2	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
PHILIPS	REL-2P32-SC	Instant Start	1	120	C
			2	120	NA
PHILIPS	REL-2P32-RH-TP	Instant Start	1	120	NA
			2	120	NA
PHILIPS	IZT-2PSP32-LW-N	Program Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
PHILIPS	VEZ-2S32-SC	Program Start	1	277	NA
			2	277	C
PHILIPS	VEZ-1S32-SC	Program Start	1	277	C
PHILIPS	IOPA-2P32-HL-SC	Instant Start	1	120	NA
			1	277	NA
			2	120	NA
			2	277	C
PHILIPS	REZ-232-SC	Program Start	1	120	NA
			2	120	C
PHILIPS	ICN-3P32-N	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
PHILIPS	IOPA-3P32-N	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
PHILIPS	IOPA-3P32-HL-N	Instant Start	2	120	C
			2	277	NA
			3	120	NA
			3	277	C
PHILIPS	IOPA-3P32-LW-N	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
PHILIPS	IOPA-3P32-HL-N	Instant Start	2	120	NA
			2	277	NA
			3	120	C
			3	277	C

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PHILIPS	IOP-3P32-N	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
PHILIPS	ICN-4P32-N	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
PHILIPS	ICN-4P32-SC	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
PHILIPS	IOPA-4P32-N	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
PHILIPS	IOPA-4P32-LW-N	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
PHILIPS	GOPA-2P32-N	Instant Start	1	347	C
			2	347	C
PHILIPS	GOPA-4P32-N	Instant Start	3	347	C
			4	347	C
PHILIPS	IOPA-4P32-SC	Instant Start	3	120	NA
			3	277	C
			4	120	NA
			4	277	C
GE	GE-232-MV-N	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
GE	GE232MAX-N/UL TRA	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
GE	GE132MAXP-N/UL TRA	Instant Start	1	120	C
			1	277	C
GE	GE232MAXP-N/UL TRA	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
GE	GE232MAX-L/UL TRA	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
GE	GE232MAXP-L/UL TRA	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
GE	GE232MAX-H/UL TRA	Instant Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C
GE	GE232MAXP-H/UL TRA	Instant Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C
GE	GE-232-MV-PS-N	Program Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
GE	GE-232-MV-PS-H	Program Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
GE	GE232MVPS-N-V03	Program Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
GE	GE232MAX-N/UL TRA	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
GE	GE332-MV-N	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
GE	GE232MAXP-H/UL TRA	Instant Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C
GE	GE332MAXP-N/UL TRA	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
GE	GE332MAXP-H/UL TRA	Instant Start	2	120	NA
			2	277	NA
			3	120	C
			3	277	C
GE	GE332MAX-H/UL TRA	Instant Start	2	120	NA
			2	277	NA
			3	120	C
			3	277	C
GE	GE332MAXP-L/UL TRA	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
GE	GE432MAX-G-N	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
GE	GE432MAX-N/ULTRA	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
GE	GE432MAXP-H/ULTRA	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
GE	GE432MAX-L/ULTRA	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
GE	GE432MAXP-L/ULTRA	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
GE	GE232MAX347-N	Instant Start	1	347	C
			2	347	C
OSRAM	QTP 2X32T8 UNV ISN-SC	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
OSRAM	QTP 1X32T8 UNV ISN-SC	Instant Start	1	120	C
			1	277	C
OSRAM	QTP 2X32T8 UNV ISL-SC	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
OSRAM	QHE 2X32T8 UNV PSN-MC	Program Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
OSRAM	QHE 2X32T8 UNV DIM-TC	Program Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
OSRAM	QTP 3X32T8/UNV ISN-SC	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
OSRAM	QHE 4X32T8/UNV ISL-SC	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
OSRAM	QTP 4X32T8/UNV ISN-SC	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
OSRAM	QHE 4X32T8/UNV PSN-SC	Program Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
KEYSTONE	KTEB-232-UV-IS-L-P	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
KEYSTONE	KTEB-232-UV-IS-H-P	Instant Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C
KEYSTONE	KTEB-332-UV-IS-N-P	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
KEYSTONE	KTEB-332-UV-IS-L-P	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
KEYSTONE	KTEB-332-UV-IS-H-P	Instant Start	2	120	NA
			2	277	NA
			3	120	C
			3	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
KEYSTONE	KTEB-432-UV-IS-N-P	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
KEYSTONE	KTEB-432-UV-IS-L-P	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
KEYSTONE	KTEB-432-UV-IS-H-P	Instant Start	3	120	NA
			3	277	NA
			4	120	C
			4	277	C
KEYSTONE	KTEB-232-UV-PS-N-P	Program Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
KEYSTONE	KTEB-232-UV-PS-L-P	Program Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C
KEYSTONE	KTEB-232-UV-PS-H-P	Program Start	1	120	NA
			1	277	NA
			2	120	C
			2	277	C
KEYSTONE	KTEB-332-UV-PS-N-P	Program Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
KEYSTONE	KTEB-332-UV-PS-H-P	Program Start	2	120	NA
			2	277	NA
			3	120	C
			3	277	C
KEYSTONE	KTEB-332-UV-PS-L-P	Program Start	2	120	C
			2	277	C
			3	120	C
			3	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
KEYSTONE	KTEB-432-UV-PS-L-P	Program Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
KEYSTONE	KTEB-432-UV-PS-N-P	Program Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
UNIVERSAL	B132IUNVHP-N	Instant Start	1	120	C
			1	277	C
UNIVERSAL	B232IUNVHP-N	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
UNIVERSAL	B232PUNVHE-B	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
UNIVERSAL	B232PUS50-A	Program Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
UNIVERSAL	B232IUNVHP-A	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
UNIVERSAL	B432IUNVHP-A	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
UNIVERSAL	B432IUNVHP-N	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
FALHAM	WHSG3-UNV-T8-IS	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
FALHAM	WH5-120-L	Instant Start	3	120	NA
			4	120	NA
FALHAM	WH7-120-L	Instant Start	3	120	C
			4	120	C
FALHAM	WH3-120-L	Instant Start	1	120	C
			2	120	C
ESPEN	VE2P32MVHIPE	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
ESPEN	VE2P32MVHIPHE	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
ESPEN	VE2P32MVHIPHE	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
ESPEN	VE3P32MVHIPE	Instant Start	2	120	NA
			2	277	NA
			3	120	C
			3	277	C
HOWARD	EP3/32IS/MV/MC/HE	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
HOWARD	EPL3/32IS/MV/SC/HE	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C

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Brand	Part Number	Start Method	Numbers of Lamps	Compatible Voltage	Compatibility
PLUSRITE	BAF332IS/MV	Instant Start	2	120	C
			2	277	C
			3	120	C
			3	277	C
PLUSRITE	BAF232IS/MV	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
PLUSRITE	BAF232IS/MV/H	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
SUNPARK	U-2/32ISE	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
ROBERTSON	ISU232T8120	Instant Start	1	120	
			2	120	C
POWERMASTER	PM-2X32T8-UNV-IS-L	Instant Start	1	120	C
			1	277	C
			2	120	C
			2	277	C
POWERMASTER	PM-3X32T8-UNV-IS-H	Instant Start	2	120	NA
			2	277	C
			3	120	NA
			3	277	C
POWERMASTER	PM-4X32T8-UNV-IS-L	Instant Start	3	120	NQ
			3	277	C
			4	120	NA
			4	277	C
TCP	E4P32PSUNVE	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C

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ESPEN	VE4P32MVHIPE	Instant Start	3	120	C
			3	277	C
			4	120	C
			4	277	C
PREMIUM	PM-2X32T8-UNV-IS-L2	Instant Start	2	120	C
			2	277	C
PREMIUM	BB-T8/UNH-4X32	Instant Start	3	120	NA
			3	277	C
			4	120	NA
			4	277	C
PREMIUM	BB-T8/120-2X32W/HPF	Instant Start	2	120	C
PREMIUM	BB-T8/120-2X32W/NPF	Instant Start	2	120	C

0-10V Dimmability

Brand	Series	Model	Load	Ballast		
				PHILIPS		SYLVANIA
				IZT-132-SC	IZT-2PSP32-SC	QHE2X32T8/UNV DIM-TC
LUTRON	DIVA	DVTV	960W	OK	OK/ w/Noise	OK
	DIVA	DVSCTV	1000W	OK	OK/ w/Noise	OK
	NOVA	NTSTV-DV	960W	OK	OK/ w/Noise	OK
LEGRAND	Adorne	ADPD4FBL3P2	700W	OK	OK/ w/Noise	OK
	Harmony	H4FBL3P	1200W	OK	OK/ w/Noise	OK
LEVITON	Illumatech	IP710-DLZ	1200W	OK	OK/ w/Noise	OK

General Notes/Disclaimers/Important Notice

- 1- RAB Lighting Type A TLEDs are only tested with HF ballast on AC operation. The performance on HF ballasts with DC operation is not tested and is therefore not guaranteed. RAB Lighting Type A TLEDs are designed to work on HF ballasts only.
- 2- Ballast tests are performed and tested with a specific date code. Please contact the factory for date code information.
- 3- The ballast list document is for recommendation. All results are generated in a lab-controlled environment and may differ from actual application conditions.
- 4- RAB Lighting Type A lamps are not developed for the emergency HF ballast, there will performance reduce and safety issue when connected to emergency HF ballast.
- 5- RAB Lighting Type A lamps are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non-dimmable product in a dimmable application, warranty does not apply.
- 6- RAB Lighting does not accept any responsibility, warranty or liability when using TLEDs with ballasts not mentioned in this list, or when using successor models of the tested ballasts.

** Please contact RAB for questions about ballasts that are not on this list. Information in this document is subject to change without prior notice.
Please visit RAB Lighting website for updates.*