

PHILIPS

Ballast Compatibility Guide

InstantFit LED
T8 Lamps



Applicable Part Numbers:

433060	452672
433268	452680
433078	452698
433086	452011
453605	452029
453613	452037
434860	452045
434878	452052
434886	452060
434894	452078
452664	452086

Instant-Start Ballasts

		8.5W 1050lm (2 ft.)	10.5W 1200lm (3ft.)	14.5W 1600lm (4ft.)	12W 1600lm (4ft.)	16.5W 2100lm (4ft.)	16.5W 2100lm (U- Bent) ³
		452011, 452029 452037, 452045	452052, 452060 452078, 452086	433060, 433268 433078, 433086	453605 453613	434860, 434878, 434886, 434894,	452664, 452672, 452680, 452698
Manufacturer	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	ICN-1P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	ICN-2P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	ICN-3P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	ICN-4P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOPA-1P32-N		System Certified		System Certified		
Philips Advance	IOPA-2P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	IOPA-3P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOPA-4P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOPA-2P32-LW-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	IOPA-3P32-LW-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOPA-4P32-LW-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOPA-1P32-HL-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOPA-2P32-HL-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	IOPA-3P32-HL-N	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOPA-4P32-HL-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	GOPA-1P32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	GOPA-2P32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	GOPA-3P32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	GOPA-4P32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	GOPA-1P32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	GOPA-2P32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	GOPA-3P32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	GOPA-4P32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	RES-2P32-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	REB-2P32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	REB-4P32-SC	System Certified	System Certified		System Certified	System Certified	
Fulham Co., Inc	WH3-120-L	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	WH3-277-L	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	WH5-120-L	System Certified	System Certified	System Certified	System Certified	System Certified	
Fulham Co., Inc	WH5-277-L	System Certified	System Certified	System Certified	System Certified	System Certified	
Fulham Co., Inc	WHSG1-UNV-T8-IS		System Certified	System Certified	System Certified	System Certified	
Fulham Co., Inc	WHSG2-UNV-T8-IS	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	WHSG2-UNV-T8-LB		System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	WHSG3-UNV-T8-IS			System Certified	System Certified	System Certified	
Fulham Co., Inc	WHSG3-UNV-T8-LB			System Certified	System Certified	System Certified	
Fulham Co., Inc	WHSG3-UNV-T8-HB			System Certified	System Certified	System Certified	
Fulham Co., Inc	WH42-UNV-L	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	WH43-UNV-L			System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	WH44-UNV-L			System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc / Leviton	Zipline (36IRC-Z03)			System Certified	System Certified	System Certified	

Instant-Start Ballasts

		8.5W 1050lm (2 ft.)	10.5W 1200lm (3ft.)	14.5W 1600lm (4ft.)	12W 1600lm (4ft.)	16.5W 2100lm (4ft.)	16.5W 2100lm (U- Bent) ³
		452011, 452029 452037, 452045	452052, 452060 452078, 452086	433060, 433268 433078, 433086	453605 453613	434860, 434878, 434886, 434894,	452664, 452672, 452680, 452698
Manufacturer	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Universal Lighting Technologies	B132IUNVHP-N	Certified	Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B232IUNVHP-N	Certified	Certified	Certified	Certified	Certified	Certified
Universal Lighting Technologies	B332IUNVHP-A		Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B432IUNVHP-A	Certified	Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B132IUNVHE-A	Certified	Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B232IUNVHE-A	Certified	Certified	Certified	Certified	Certified	Certified
Universal Lighting Technologies	B332IUNVHE-A	Certified	Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B432IUNVHE-A	Certified	Certified		Certified	Certified	
Universal Lighting Technologies	B132IUNVEL-A	Certified	Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B232IUNVEL-A	Certified	Certified	Certified	Certified	Certified	Certified
Universal Lighting Technologies	B332IUNVEL-A	Certified	Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B432IUNVEL-A	Certified	Certified		Certified	Certified	
Universal Lighting Technologies	B232IUNVHEH-A	Certified	Certified		Certified		
Universal Lighting Technologies	B332IUNVHEH-A	Certified	Certified		Certified	Certified	
Universal Lighting Technologies	B432I277HEH	Certified	Certified	Certified	Certified	Certified	
General Electric	GE-132-MV-N		Certified	Certified	Certified	Certified	
General Electric	GE-232-MV-N	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	GE-332-MV-N	Certified	Certified	Certified	Certified	Certified	
General Electric	GE-232-MV-N-DIY	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	GE-332-MV-N-DIY	Certified	Certified	Certified	Certified	Certified	
General Electric	GE-432-MV-N-DIY	Certified	Certified	Certified	Certified	Certified	
General Electric	GE232MAX-N/ULTRA	Certified	Certified		Certified	Certified	Certified
General Electric	GE232MAX-L/ULTRA	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	GE332MAX-L/ULTRA		Certified	Certified	Certified	Certified	
General Electric	GE132MAX-H/ULTRA		Certified	Certified	Certified	Certified	
General Electric	GE232MAX-H/ULTRA	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	GE332MAX-H/ULTRA			Certified		Certified	
General Electric	GE432MAX-H/ULTRA	Certified	Certified	Certified	Certified	Certified	
General Electric	GE232MAX347-N	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	GE432MAX347-N	Certified	Certified	Certified	Certified	Certified	
General Electric	GE232-120RES-DIY	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	GE432-120RES-DIY	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QTP 1x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QTP 2x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	QTP 3x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QTP 4x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 1x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 2x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	QHE 3x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 4x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 1x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 2x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	QHE 3x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 4x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 1x32T8/UNV ISH-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 3x32T8/UNV ISH-SC					Certified	
Osram Sylvania	QHE 4x32T8/UNV ISH	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 1x32T8/UNV ISH HT SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 2x32T8/UNV ISH HT SC	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	QHE 1x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 2x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	QHE 3x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 4x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 2x32T8/UNV ISL-SC-1	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	QHE 4x32T8/UNV ISL-SC-1	Certified	Certified		Certified	Certified	
Ultrasave	UT232347	Certified	Certified	Certified	Certified	Certified	Certified
Ultrasave	UT432347	Certified	Certified	Certified	Certified	Certified	

Programmed-Start Ballasts

		8.5W 1050lm (2 ft.)	10.5W 1200lm (3ft.)	14.5W 1600lm (4ft.)	12W 1600lm (4ft.)	16.5W 2100lm (4ft.)	16.5W 2100lm (U- Bent) ³
		452011, 452029 452037, 452045	452052, 452060 452078, 452086	433060, 433268 433078, 433086	453605 453613	434860, 434878, 434886, 434894,	452664, 452672, 452680, 452698
Manufacturer	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	IOP-3PSP32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOP-4PSP32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOP-3PSP32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	IOP-4PSP32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	
Universal Lighting Technologies	B232PUNVHE-B	Certified	Certified	Certified	Certified	Certified	Certified
Universal Lighting Technologies	B332PUNVHE-A	Certified	Certified	Certified	Certified	Certified	
Universal Lighting Technologies	B432PUNVHE-A	Certified	Certified	Certified	Certified	Certified	
General Electric	GE232MVPS N	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	GE332MVPS N	Certified	Certified	Certified	Certified	Certified	
General Electric	GE432MVPS N	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE 2x32T8/UNV PSN-MC	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	QHE 3x32T8/UNV PSN-SC	Certified	Certified	Certified	Certified	Certified	
Osram Sylvania	QHE4X32T8UNVPSN-SC	Certified	Certified	Certified	Certified	Certified	

Emergency Ballasts⁶

		8.5W 1050lm (2 ft.)	10.5W 1200lm (3ft.)	14.5W 1600lm (4ft.)	12W 1600lm (4ft.)	16.5W 2100lm (4ft.)	16.5W 2100lm (U- Bent) ³
		452011, 452029 452037, 452045	452052, 452060 452078, 452086	433060, 433268 433078, 433086	453605 453613	434860, 434878, 434886, 434894,	452664, 452672, 452680, 452698
Manufacturer	Emergency Ballast Model	# of lamps in Emergency	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Bodine	(new) B50 (12NC: 913702456401)	1	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	LP600	1	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	LP600STU	1	Not Recommended	Not Recommended	System Certified	System Certified	System Certified
Philips Chloride	DEB-6LP	1	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	I-320	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	I-160 ⁵	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	I-162	2	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	ISL-54	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	ISL-540	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham	FH7-UNV-500L	1	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham	FH11-UNV-750L-xx	1	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham	FH12-UNV-1400L-xx	1	System Certified	System Certified	System Certified	System Certified	System Certified

1. System performance (Philips InstantFit LED T8 lamp and ballast) has been evaluated by the lamp and ballast manufacturer.
2. System performance (Philips InstantFit LED T8 lamp and ballast) has been evaluated by the lamp manufacturer only.
3. Typical application for U-Bent Lamps is with 2-lamp ballasts.
4. Ballast tests are performed with a specific date code. Please contact the factory for date code information.
5. Connect BRN/BRN-W leads.
6. Please contact the emergency ballast manufacturer for wiring diagrams.

* Please contact Philips for questions about third party ballasts that are not on this list. Information in this document is subject to change without prior notice.



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Philips Lighting North America Corporation
200 Franklin Square Drive, Somerset, NJ 08873
Tel. 855-486-2216

Imported by: Philips Lighting,
A division of Philips Electronics Ltd.
281 Hillmount Rd, Markham, ON, Canada L6C 2S3
Tel. 800-668-9008