

Ballast Compatibility Guide

Philips InstantFit LED T8 Lamps



Applicable Philips Part Numbers

433060, 433268, 433078, 433086

Manufacturer	Model	System Certified ¹	Compatible ²	CSA Listed ³
Philips - Advance	ICN-1P32-N	✓		
Philips - Advance	ICN-2P32-N	✓		✓
Philips - Advance	IOPA-2P32-N	✓		✓
Philips - Advance	IOPA-3P32-N	✓		
Philips - Advance	IOPA-4P32-LW-N	✓		✓
Philips - Advance	IOPA-1P32-HL-N	✓		
Philips - Advance	IOPA-2P32-HL-SC	✓		
Philips - Advance	IOP-2P32-N	✓		✓
Philips - Advance	IOP-3P32-N	✓		
Philips - Advance	IOP-4P32-N	✓		✓
Philips - Advance	IOP-3P32-LW-N	✓		
Philips - Advance	IOP-1P32-HL-SC	✓		
Philips - Advance	GOPA-1P32-SC	✓		
Philips - Advance	GOPA-2P32-SC	✓		✓
Philips - Advance	GOPA-3P32-SC	✓		
Philips - Advance	GOPA-4P32-SC	✓		✓
Philips - Advance	GOPA-1P32-LW-SC	✓		
Philips - Advance	GOPA-2P32-LW-SC	✓		✓
Philips - Advance	GOPA-3P32-LW-SC	✓		
Philips - Advance	GOPA-4P32-LW-SC	✓		✓
Philips - Advance	RES-2P32-N	✓		
Philips - Advance	REB-2P32-SC	✓		
Philips - Advance	ICN-3P32-N		✓	
Philips - Advance	ICN-4P32-N		✓	✓
Philips - Advance	IOPA-4P32-N		✓	✓
Philips - Advance	IOPA-2P32-LW-N		✓	✓
Philips - Advance	IOPA-3P32-LW-N		✓	
Philips - Advance	IOPA-3P32-HL-SC		✓	
Philips - Advance	IOPA-4P32-HL-SC		✓	
Philips - Advance	IOPA-4P32-HL-90C-G		✓	
Philips - Advance	IOP-4P32-LW-N		✓	✓
Philips - Advance	IOP-1P32-LW-N		✓	
Philips - Advance	IOP-2P32-LW-N		✓	✓

Manufacturer	Model	System Certified ¹	Compatible ²	CSA Listed ³
Universal Lighting Technologies	B132IUNVHP-N		✓	
Universal Lighting Technologies	B232IUNVHP-N		✓	
Universal Lighting Technologies	B332IUNVHP-A		✓	
Universal Lighting Technologies	B432IUNVHP-A		✓	
Universal Lighting Technologies	B132IUNVHE-A		✓	
Universal Lighting Technologies	B232IUNVHE-A		✓	
Universal Lighting Technologies	B332IUNVHE-A		✓	
Universal Lighting Technologies	B132IUNVE L-A		✓	
Universal Lighting Technologies	B232IUNVE L-A		✓	
Universal Lighting Technologies	B332IUNVEL-A		✓	
Universal Lighting Technologies	B232I347HP-A		✓	✓
Universal Lighting Technologies	B432I347HP		✓	✓
Universal Lighting Technologies	B432I277HEH		✓	
General Electric	GE-132-MV-N		✓	
General Electric	GE-232-MV-N		✓	
General Electric	GE-332-MV-N		✓	
General Electric	GE-232-MV-N-DIY		✓	
General Electric	GE-332-MV-N-DIY		✓	
General Electric	GE-432-MV-N-DIY		✓	
General Electric	GE132MAX-N/ULTRA		✓	
General Electric	GE232MAX-N/ULTRA		✓	
General Electric	GE132MAX-L/ULTRA		✓	
General Electric	GE232MAX-L/ULTRA		✓	
General Electric	GE332MAX-L/ULTRA		✓	
General Electric	GE432MAX-L/ULTRA		✓	
General Electric	GE132MAX-H/ULTRA		✓	
General Electric	GE332MAX-H/ULTRA		✓	
General Electric	GE432MAX-H/ULTRA		✓	
General Electric	GE232MAX347-N		✓	✓
General Electric	GE432MAX347-N		✓	✓
General Electric	GE232-120RES-DIY		✓	
General Electric	GE432-120RES-DIY		✓	
OSRAM SYLVANIA	QTP 1X32T8/UNV ISN-SC		✓	
OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC		✓	
OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC		✓	
OSRAM SYLVANIA	QHE 1x32T8/UNV ISN-SC		✓	

Manufacturer	Model	System Certified ¹	Compatible ²	CSA Listed ³
OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC		✓	
OSRAM SYLVANIA	QHE 3x32T8/UNV ISN-SC		✓	
OSRAM SYLVANIA	QHE 4X32T8/UNV ISN-SC		✓	
OSRAM SYLVANIA	QHE 1x32T8/UNV ISL-SC		✓	
OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC		✓	
OSRAM SYLVANIA	QHE 3x32T8/UNV ISL-SC		✓	
OSRAM SYLVANIA	QHE 4X32T8/UNV ISL-SC		✓	
OSRAM SYLVANIA	QHE 1x32T8/UNV ISH-SC		✓	
OSRAM SYLVANIA	QHE 3x32T8/UNV ISH-SC		✓	
OSRAM SYLVANIA	QHE 1X32T8/UNV ISH HT SC		✓	
OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT SC		✓	
OSRAM SYLVANIA	QHE 1X32T8/UNV ISN-SC-I		✓	
OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC-I		✓	
OSRAM SYLVANIA	QHE 3x32T8/UNV ISN-SC-I		✓	
OSRAM SYLVANIA	QHE 4x32T8/UNV ISN-SC-I		✓	
OSRAM SYLVANIA	QHE 2x32T8/UNV ISL-SC-I		✓	
OSRAM SYLVANIA	QHE 4x32T8/UNV ISL-SC-I		✓	
UltraSave	UT232347		✓	✓
UltraSave	UT432347		✓	✓

1. Philips InstantFit LED T8 and Philips Advance Ballasts have passed internal compatibility tests. Certified compatibility from lamp and ballast manufacturer.
2. Philips InstantFit LED T8 and third party ballasts have passed internal compatibility tests. Certified compatibility from lamp manufacturer only.
3. CSA Listed for operation with InstantFit LED T8. (see <http://www.csagroup.org> for CSA listing)

* UL, RoHS, CSA and NSF logos applicable to InstantFit products only (433060, 433268, 433078, 433086). They do not apply to listed ballasts.

Restrictions on Hazardous Substances (RoHS) is a European directive (2002/95/EC) designed to limit the content of 6 substances [lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE)] in electrical and electronic products. For products used in North America compliance to RoHS is voluntary and self-certified.

Tested to B50 L70 requirement. For systems using a low (0.78) or normal (0.88 or less) ballast factor, InstantFit lamps are rated for 50,000 hours. For systems using a high ballast factor (greater than 0.88), InstantFit products are rated for 40,000 hours. Based on usage of 12 hrs/day.

Energy Savings based on average wattage for 2 lamp F32T8 Electronic Instant Start System with 0.88 Ballast Factor (58 System Watts) versus average wattage for 2 lamp Philips InstantFit LED T8 system (34 System Watts). $58 - 34 = 24$ System Watts Saved. $24/58 = 41.4\%$ Energy Saved. Actual savings may vary depending on type of lamp and ballast used.



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