

Trueforce LED Industrial and retail



TrueForce LED HPI ND 110-88W (Replacement for 250W - HPI/SON/HPL)
 TrueForce LED HPI ND 200-145W (Replacement for 400W - HPI/SON/HPL)

Ballast - Igniter compatibility list

KEY

	Good compatibility
	Limited compatibility
	No compatibility
	N. A. Combination not applicable
	Combination not tested

This document is for information purposes and must be treated as recommendation. Philips attempted to provide accurate results, results are generated in lab conditions and might contain faults.

The product is compatible with BHL/BSN ballast
 The product is NOT suitable for direct mains input
 The product is NOT compatible with electronic ballast
 The product is NOT compatible with CWA type of ballast/transformer

BSN-series ballast type (or similar) combined with following igniter

Brand	Type	Art.nr	Mode	Trueforce 88-250W 9290013569 9290013568	Trueforce 145-400W 9290013570 9290013571
Without igniter	n.a.	n.a.	n.a.		
Philips	SN58	9136195799	semi-parallel		
		9137001349			
9137001348					
9137100105					
	9136195199				
	SKD578	9137006553 9137006554	semi-parallel		
	SI51	9136195199	parallel		
Vossloh Schwabe	Z250s	140425	series		
	Z400s	140427	series		
	Z400MK	142897	series		
	PZII000/1K	140617	parallel		
Tridonic	ZRM-2.5-ES/CT	87500086	series		
BAG	NI 400 LE 4K	10007322	series		
		10067389	parallel		
PARMAR	P4E40 0255	P4E400255	series		
	PXE07 0255		series	not tested	
ELT	AVS 400-D	3210232	series		
		3210442	semi-parallel		
Electrostart	ZX400-T	78.02.400.0-T	series		
Magnetek (May & Christe)	ZG4.5		series	not tested	

BHL-series ballast type (or similar) combined with following igniter

Brand	Type	Art.nr	Mode	Trueforce 88-250W 9290013569 9290013568	Trueforce 145-400W 9290013570 9290013571	
Without igniter	n.a.	n.a.	n.a.			
Philips	SI51	9136195199	parallel			
Vossloh Schwabe	Z250s	140425	series			
		Z400s	140427	series		
		Z400MK	142897	series		
		PZII000/1K	140617	parallel		
Tridonic	ZRM-2.5-ES/CT	87500086	series			
BAG	NI 400 LE 4K	10007322	series			
		10067389	parallel			
PARMAR	P4E400255	P4E400255	series			
	PXE07 0255		series	not tested		
ELT	AVS 400-D	3210232	series			
Electrostart	ZX400-T	78.02.400.0-T	series			
Magnetek (May & Christe)	ZG 4.5		series	not tested		

Note:

- The lamp is equipped with "Ignitor comfort logic" feature, that ensures the igniter will not operate.
- For enabling compatibility, the "Ignitor comfort logic" function will simulate the low light level at start up of HID lamps, which in some cases can be observed as a short reduction of the light output of the lamp.
- In rare cases the ignitor comfort logic cannot stop the igniter. This is visible as continuously flicker of the light. Philips Lighting advises to remove/disconnect the igniter.
- Instant ON/OFF – does not require to warm up or to cool down before restart.
- The compatibility of the lamp with the gear is measured in the laboratory at nominal voltage (230VAC). The performance in real applications can be different
- Manufacturers of ballasts and igniters can change the technical design of their product without informing LED lamp suppliers. These changes can influence the performance of LED products. Philips Lighting cannot be held responsible for inaccuracies in the compatibility lists due to technical changes in ballasts or igniters

Disclaimer:

Philips will not accept claims for any damage caused by implementing the recommendations in this document.



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Data subject to change.

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