

# Trueforce LED Industrial and retail



**TForce LED HPI UN 95W E40 840 xB 12nc: 929002350702: EAN: 8718696713785 and 12nc: 929002350802 EAN: 8718696713822 (Replacement for 250W - HPI/SON/HPL)**

**TForce LED HPI UN 140W E40 840 xB 12nc: 929002350902: EAN:8718696713860 and 12nc: 929002351002 EAN: 8718696713884 (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.*

EM ballast type	"Trueforce 95-250W 9290023507 9290023508"	"Trueforce 140-400W 9290023509 9290023510"
BHL 250W		
BSN 250W		
BHL 400W		
BSN 400W		

The product is compatible with BHL/BSN ballast, see above table.  
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 95-250W 9290023507 9290023508	Trueforce 140-400W 9290023509 9290023510
Without igniter	n.a.	n.a.	n.a.		
Philips	SN58	9136195799	semi-parallel		
		9137001349			
		9137001348			
		9137100105			
		9136195199			
	SKD578	9137006553	semi-parallel		
		9137006554			
	SI51	9136195199	parallel		
Vossloh Schwabe	Z250s	140425	series		
	Z400s	140427	series		
	Z400MK	142897	series		
	PZI1000/1K	140617	parallel		
Tridonic	ZRM-2.5-ES/CT	87500086	series		
BAG	NI 400 LE 4K	10007322	series		
		10067389	parallel		
PARMAR	PXE07 0255	PAE400255	series		
	AVS 400-D	3210232	series		
ELT	AVS100-DP	3210442	semi-parallel		
Electrostart	ZX400-T	78.02.400.0-T	series		
"Magnetek (May & Christe)"	ZG4.5		series		

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

Brand	Type	art.nr	mode	"Trueforce 95-250W 9290013569 9290013568"	"Trueforce 140-400W 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		
	PZI1000/1K	140617	parallel		
Tridonic	ZRM-2.5-ES/CT	87500086	series		
BAG	NI 400 LE 4K	10007322	series		
		10067389	parallel		
PARMAR	PXE07 0255	PAE400255	series		
	AVS 400-D	3210232	series		
ELT	AVS100-DP	3210442	semi-parallel		
Electrostart	ZX400-T	78.02.400.0-T	series		
"Magnetek (May & Christe)"	ZG 4.5		series		

- Note:**
- The lamp is equipped with "Ignitor comfort logic" feature, that ensures the ignitor 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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