

# MASTER LEDtube HF InstantFit T8 - 1200 mm



## Ballast Compatibility

### KEY

•	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
Dim	Ballast is compatible and conditional released for dimming
■	Ballast is not compatible
□	Ballast LEDtube combination not tested

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	Ballast type	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HO, InstantFit 2100lm	MASTER LEDtube 1200mm HF UO, InstantFit 2500lm
				Model number / EOC code: 9290012263 / 87186965616900	Model number / EOC code: 9290012843A / 871869668752900 9290012841A / 871869668748200 9290012842A / 871869668750500	Model number / EOC code: 9290013002A / 871869668800700 9290013000A / 871869668796300 9290013001A / 871869668798700
				AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1	■	■	■
	HF-B 136 TLD 220-240	9137001122	1	■	■	■
	HF-B 136 TLD EII 220-240	9137001926	1	■	■	■
	HF-B 236 TL-D 220-240	9137001124	2	■	■	■
	HF-B 236 TLD EII 220-240	9137001928	2	■	■	■
	HF-E 136 TL-D II	9137130410	1	■	■	■
	HF-E 236 TL-D	9137130391	2	■	■	■
	HF-E 236 TL-D II	9137130411	2	■	■	■
	HF-K 136 TLD 220-240	9137001477	1	■	■	■
	HF-P 136 TL-D III IDC	9137130315	1	■	■	■
	4CIC / C2E			■	■	■
	HF-P 236 TL-D III IDC	9137130316	2	■	■	■
	4CIC / C2E			■	■	■
	HF-P 336 TL-D III IDC	9137130317	3	■	■	■
	HF-P Xt 136 TLD EII 220-240	9137006177	1	■	■	■
	HF-P XT 236 TLD EII 220-240	9137006178	2	■	■	■
	HF-P 136 TLD EII 220-240	9137001911	1	■	■	■
	HF-P 236 TLD 230-240	9137001112	2	■	■	■
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	■	■	■
	HF-R 136 TL-D EII	9137006092	1	■	■	■
	HF-R 236 TL-D EII	9137006093	2	■	Dim	Dim
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1	■	■	■
	HF-Ri TD 1 14/21/24/39TL5 E+	9137006983	1	■	■	■
	HF-Ri TD 2 14/21/24/39TL5 E+	9137006984	2	■	■	■
HF-S 136 TL-D II	9137130321	1	■	■	■	
4CIC / C2E			■	■	■	
HF-S 236 TL-D II	9137130324	2	■	■	■	
HF-S 336 TL-D II	9137130327	3	■	■	■	
HF-P 118/136 TL-D III	9137130315	1	■	■	■	
HF-S 118/136 TL-D II	9137130321	1	■	■	■	
HF-P 218/236 TL-D III	9137130316	2	■	■	■	
HF-S 218/236 TL-D II	9137130324	2	■	■	■	
OSRAM	QT-FIT8 1x36		1	■	■	■
	QT-FIT8 2x36		2	■	■	■
	QTP8 1x36		1	■	■	■
	QTP8 2x36		2	■	■	■
	QTP-OPTIMAL 1x18-40		1	■	■	■
	QTP-OPTIMAL 2x18-40		2	■	■	■
	QT-FIT 5/8 2x18-39		2	■	■	■
HELVAR	EL1x36/40/18S		1	■	■	■
	EL1x36HF		1	■	■	■
	EL1x36ngn		1	■	■	■
	EL2x36/40s		2	■	■	■
	EL2x36ngn		2	■	■	■

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TRIDONIC-ATCO	PC 1/36 T8 INDUSTRY	86458035	1		
	PC 1/36 T8 PRO	22176217	1		
	PC 1x36 T8 PRO lp	22185214	1		
	PC2/36 T8 INDUSTRY	86458036	2		*
	PC2x36 T8 PRO sl	22185217	2		*
	PC 2x36 T8 TOP sl	22185226	2		*
	PC 1x36 T8 TOP sl	22185223	1		
	PC1/36 T8 PRO sc	89800008	1		
	PC 1/36 T8 PRO	22176108	1		
	PC 3/36 T8 PRO	22176231	3		*
VOSSLOH-SCHWABE	ELXc 136.207	188708	1		*
	ELXc 236.202	188316	2		*
	ELXc 236.208	188705	2		*
	ELXe 238.527	188137	2		
	ELXe 238.527	188137	1		
BAG-HUECO	BCS36.1FX-1I/220-240	10077590	1		
	BCS36.2FX-1I/220-240	10077591	2		
	D36.2-23021 E	166132	2		*
	D 58.1-23021 E	166072	1		*
	ECS36.2SR-01/220-240	167032	2		
Trilux	D36.2-23021 E		2		
	D58.1-23021E		1		*
	DD58.1-23031E		1		
Others	EM ballast		1		
	Direct Mains		1		

### General note Philips Master LEDtube HF InstantFit T8

**General notes:** Refer to the product reference number in the header of the columns to use this product-ballast compatibility list. Please note that Philips LEDtubes InstantFit T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LED tube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Philips sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

**Dimming a LEDtube:** Ballast types indicated in this list with DIM are conditional released by Philips to offer dimming functionality. Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp. All other Philips LED tubes 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.