

# MASTER LEDtube HF T5 HO - 900 mm

## Ballast Compatibility



### KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
**	Ballast is compatible, light output may differ >20% compared to specifications
Dim	Ballast is compatible and conditional released for dimming
	Ballast is not compatible

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	Ballast type	12nc	Lamps on ballast
PHILIPS	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006708	1
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1
	HF-P 1 24-39 TL5 HO III IDC	9137130340	1
	HF-P 1 24-39 TL5 HO 220-240	9137001659	1
	HF-S 124-39 TL5 II	9137130344	1
	HF-R 139 TL5 EII	9137006329	1
	HF-P 1 24-39 TL5 HO EII 220-240	9137006131	1
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006709	2
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2
	HF-P 224-39 TL5 HO III IDC	9137130341	2
	HF-S 224-39 TL5 II	9137130345	2
	HF-R 239 TL5 DALI 220-240	9137001414	2
	HF-R 239 TL5 EII	9137006332	2
HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	
OSRAM	QT-FIT 5/8 2x18-39		2
	QTI 1x21/39 Dim		1
	QTI DALI 1x21/39 Dim		1
	QTI 2x21/39 Dim		2
	QTI DALI 2x21/39 Dim		2
	QTI 1x14/24/21/39 GII		1
	QTI 2x14/24/21/39 GII		2
	QT-FQ 1X24-39/230-240F/CW		1
	QTP5 1X24-39		1
	QT-FQ 1X39/230-240		1
QT-FQ 1X39/230-240 CW		1	
HELVAR	EL 1X39/36gn5		1
	EL 1X39sc		1
	EL 2X39/36gn5		2
	EL 2X39sc		2
TRIDONIC AICO	PC 1x39 T5 TOP Ip	22185161	1
	PC 1x39 T5 PRO Ip	22185151	1
	PC 1/39 T5 PRO Ip	22087908	1
	PCA 1x39 T5 BASIC Ip	22185092	1
	PC 2x39 T5 TOP Ip	22185162	2
	PC 2x39 T5 PRO Ip	22185152	2
	PCA 2x39 T5 BASIC Ip	22185093	2
	PCA 1x21/39 T5 ECO IP	22185101	1
	PCA 1x21/39 T5 EXCEL one4all Ip	22185110	1
	PC 2/14-21/24/39 T5 PRO-M Ip	22176185	2
PCA 2x21/39 T5 ECO IP	22185102	2	
PCA 2x21/39 T5 EXCEL one4all Ip	22185111	2	
VOSSLOH-SCHWABE	ELXc 140.862	188140	1
	ELXc 240.863	188616	2
	ELXc 139.632	188945	1
	ELXd 139.609	188338	1
	ELXd 139.602	188331	1
	ELXc 239.635	188948	2
	ELXd 239.610	188339	2
ELXd 239.621	188350	2	

MAS LEDtube HF 900mm HO 18.5W 8xx T5
Model number / (Short) EOC code: 9290035965 / 872016916313300 9290035966 / 872016916315700 9290035967 / 872016916317100
AC (50Hz) on HF Ballast Compatible
Dim
* / Dim (3)
Dim (2) (4)
Dim (3)
Dim (3)
*
* / Dim (4)
Dim (3)
** / Dim (3)
** / Dim
** / Dim (3)
** / Dim (3)
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**
*
*
* / (2)
*
*
** / Dim (3)
**
*
** / Dim (4)
**

(1) Do not use in closed luminaires  
 (2) Do not use in combination with a motion sensor  
 (3) Do not Dim below 10% / Dali step 170  
 (4) Do not Dim below 20% / Dali step 185

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	Ballast type	12nc	Lamps on ballast
BAG-HUECO	BCS39.1FX-11/220-240	10077581	1
	BCD39.1F-01/220-240/1-10V	10097246	1
	BCS39.2FX-11/220-240	10077582	2
	BCD39.2F-01/220-240/1-10V	10097296	2
	MLS54.2F-01/220-240	166412	2
	MLS39.1-2FR-11/220-240	10092026	1
	MLS39.1-2FR-11/220-240	10092026	2
	MLD39.2FR-11/220-240/DALI	10092117	2
	MLS80.1F-01/220-240	166312	1
	Others	Direct mains	

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AC (50Hz) on HF Ballast Compatible
**
*
** / Dim (3)

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- (4) Do not Dim below 20% / Dalis step 185

### MASTER LEDtube HF InstantFit T5 HO

**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 T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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:** Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.