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# MASTER LEDtube HF InstantFit T5 HO - 1200 mm 🕼



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions
Dim	Ballast is compatible and conditional released for dimming	
	Ballast is not compatible	
	Ballast LEDtube combination not tested	

	InstantFit*			MAS LEDtube HF 1200mm HO 26W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290013383 / 871869670527800 9290013384 / 871869670529200 9290013385 / 871869670531500
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	HF-E 1/2 54 TL5 II	9137130408	1	
	HF-E 1/2 54 TL5 II	9137130408	2	
	HF-P 154 TL5 HO EII 220-240	9137006133	1	
	HF-P 154/155 TL5 HO/PL-L III IDC	9137130282	1	
	HF-P 254/255 TL5 HO/PL-L III IDC	9137130283	2	
	HF-P Xt 254 TL5 EII 220-240	9137006300	2	
<u>≅</u>	HF-R 154 TL5 220-240	9137001291	1	* / Dim
PHILIPS	HF-R 254 TL5 EII	9137006089	2	
	HF-R DALI 154 TL5 220-240	9137001335	1	* / Dim
	HF-R Es 154 TL5	9137006618	1	Dim
	HF-R Es 254 TL5	9137006619	2	
	HF-R TD 154 TL5 EII 220-240	9137006064	1	
	HF-S 154 TL5 II	9137130336	1	
	HF-S 254 TL5 II	9137130337	2	•
	QT-FIT 5/8 1x54-58		1	
Σ	QT-FIT 5/8 2x54-58		2	· ·
OSRAM	•		1	
0	QTP-OPTIMAL 1x54-58		2	
	QTP-OPTIMAL 2x54-58		2	
	EL1×54iDim		1	
	EL1×54sc		1	•
AR	EL1x54ngn5		1	
HELVAR	EL1x54s		1	
_	EL2×54iDim		2	
	EL2×54sc		2	
	EL2x54ngn5		2	
	PC 1/54 T5 INDUSTRY	89800458	1	· · · · · · · · · · · · · · · · · · ·
	PC 1x54 T5 PRO lp	22185155	1	
_	PC 1x54 T5 TOP lp	22185165	1	
Ą	PC 2/54 T5 INDUSTRY	89800459	1	•
) N	PC 2x54 T5 PRO lp	22185156	2	
TRIDONIC ATCO	PC 2x54 T5 TOP lp	22185166	2	
F	PCA 1x54 T5 BASIC lp	22185088	1	
	PCA 2x54 T5 BASIC lp	22185089	2	
	PC 2x58 T8 TOP			
VOSSLOH- SCHWABE	ELXc 254.865	188618	2	
_	BCS54.1FX-11/220-240	10077585	1	•
BAG- HUECO	BCD54.IF-01/220-240/1-10V	10097248	1	
易舌	BCS54.2FX-11/220-240	10077586	2	•
thers	Direct mains			

#### General note Philips 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. 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  $\underline{\text{www.philips.com/ledtube}}$ 



# MASTER LEDtube HF InstantFit T5 HO - 1500 mm



### **Ballast** Compatibility

#### **KEY**

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Ī		Ballast is compatible	_
	*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
	Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions
		Ballast is not compatible	
ſ		Ballast LEDtube combination not tested	

	InstantFit*			MAS LEDtube HF 1500mm HO 26W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290012961A / 871869668552500 9290012962A / 871869668554900 9290012963A / 871869668556300
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	HF-E 1/2 49 TL5 II	9137130407	1	
	HF-E 1/2 49 TL5 II	9137130407	2	
	HF-P149 TL5 HO 220-240	9137001660	1	
	HF-P 149 TL5 220-240	9137001177	1	
	HF-P 149 TL5 HO EII 220-240	9137006132	1	
	HF-P 149 TL5 HO III IDC	9137130280	1	
	HF-P 249 TL5 220-240	9137001240	2	
	HF-P 249 TL5 HO III IDC	9137130281	2	
	HF-R 149 TL5 220-240	9137001181	1	
	HF-R TD 149 TL5 EII 220-240	9137006062	1	* / dim
	HF-S 149 TL5 II	9137130334	1	
	HF-S 249 TL5 II	9137130335	2	
	HF-R Es 249 TL5	9137006621	2	
	HF-P Xt 249 TL5 EII 220-240	9137006298	2	
	HF-P 249 TL5 220-240	9137001324	2	
PHILIPS	HF-R Es 149 TL5	9137006620	1	* / dim
품	HF-P Xt 149 TL5 EII 220-240	9137006297	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1	
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	
	HF-R 149 TL5 EII	9137006086	1	* / dim
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	
	HF-P 249 TL5 HO III IDC 4CIC	9137130281	2	
	HF-P 249 TL5 HO III IDC C2E	9137130281	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	
	HF-R 249 TL5 EII	9137006087	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	
	OT-FIT5 1X49		1	
	QT-FIT5 2X49		2	
	QT-FQ 1X49/230-240 CW		1	
	QTP5 1x49 (SHORTER VERSION)		1	
	QTP5 2X49		2	
	Qti 1x35/49/80 GII		1	
	Qti 1x35/49/80		1	
OSRAM	Qti 1x28/54/35/49 GII		1	•
Ö	Qti 1x35/49/80 DIM		1	
	Qti DALI 1x35/49/80 DIM		1	
	Qti 2x35/49/80 GII		2	•
	Qti 2x28/54/35/49 GII		2	•
	Qti 2x35/49 DIM		2	
	Qti 2x35/49/80 DIM		2	
	Qti DALI 2x35/49/80 DIM		2	
	EL1X49ngn5		1	
	EL1x49s		1	
	EL1x49s-u		1	
/AR	EL2X49ngn5		2	
HELVAR	EL2x49s		2	
	EL1×49iDim		1	
	EL1×49sc		1	



EL2×49iDim

# MASTER LEDtube HF InstantFit T5 HO - 1500 mm 🕼



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions
	Ballast is not compatible	
	Ballast LEDtube combination not tested	

	InstantFit*	MAS LEDtube HF 1500mm HO 26W 8xx T5		
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290012961A / 871869668552500 9290012962A / 871869668554900 9290012963A / 871869668556300
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	PC 1/49 T5 INDUSTRY	89800456	1	
	PC 1/49 T5 PRO lp	22087917	1	•
	PC 1x49 T5 PRO lp	22185153	1	
	PC 1x49 T5 TOP lp	22185163	1	
	PC 2/49 T5 INDUSTRY	89800457	2	
	PC 2/49 T5 PRO lp	22087646	2	
8	PC 2x49 T5 PRO lp	22185154	2	
CAT	PC 2x49 T5 TOP lp	22185164	2	
TRIDONIC ATCO	PCA 2/49 T5 ECO lp	22089499	2	
불	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	
	PCA 1x35/49/80 T5 ECO lp	22185096	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	
	PCA 1x49 T5 BASIC lp	22185082	1	•
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
	PCA 2x49 T5 BASIC lp	22185083	2	
	PCA 2x35/49 T5 ECO lp	22185097	2	
	ELXd 249.614	188343	2	
	ELXC 154.633	188946	1	
	ELXC 180.634	188947	1	
	ELXC 180.634	188342	1	
ABE.			1	
Ž	ELXd 180.605	188334	1	
VOSSLOH-SCHWABE	ELXc 149.234	183116 188949	2	
SSLO	ELXc 254.636	188950	2	
VOS	ELXc 280.637			
	ELXd 249.606	188335	2	
	ELXd 280.631	188605	2	
	ELXc 249.235	183117	2	
	ELXd 280.630	188604	2	
	BCS49.1FX-11/220-240	10077583	1	
	BCS49.2FX-11/220-240	10077584	2	
	MLD54.1FR-11/220-240/DALI	10097815	1	
	BCD49.1F-01/220-240	10097247	1	
	MLS80.1/54.2FR-11/220-240	10071609	1	
2	MLS80.1FR-11/220-240	10071608	1	
BAG-HUECO	MLD80.1FR-11/220-240/DALI	10097820	1	
BAG	SCS49.1F-01/220-240	0	1	•
	MLD54.2FR-11/220-240/DALI	10092121	2	
	BCD49.2F-01/220-240	10097297	2	* / dim
	MLD80.2FR-11/220-240/DALI	10101905	2	
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240	10071609	2	•
	BTLT 149	137998/149	1	
Others	BTLT 249	137999/49	2	
ਰ	Direct mains		_	

#### General note Philips 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. 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  $\underline{\text{www.philips.com/ledtube}}$ 



# MASTER LEDtube HF InstantFit T5 UO - 1500 mm 🚒



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	<b>InstantFit</b> <sup>™</sup>			MAS LEDtube HF 1500mm UO 36W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290013461 / 871869670599500 9290013462 / 871869670603900 9290013463 / 871869670605300
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	HF-P 2 80 TL5/PL-L III IDC	9137130343	2	
	HF-P I 80 TL5/PL-L III IDC	9137130342	1	
	HF-P Xt 180 TL5 EII 220-240	9137006301	1	•
ν	HF-P Xt 280 TL5 EII 220-240	9137006302	2	
PHILIPS	HF-R 180 TL5/PLL EII	9137006090	1	* / Dim
_	HF-R 280 TL5/PLL EII 220-240	9137006091	2	
	HF-R TD 180 TL5/PLL 220-240	9137006066	1	* / Dim
	HF-R TD 280 TL5/PL-L EII	9137006096	2	
	HF-S 2 80 TL5/PL-L II	9137130423	2	
5	QT-FQ 1x80/230-240		1	
OSRAM	QT-FQ 2x80		2	
Ö	QTP5 1x80		1	
~	EL1x80iDim		1	
HELVAR	EL1x80sc		1	
Ξ	EL2x80iDim		2	
	PC 1/80 T5 INDUSTRY	89800460	1	· · · · · · · · · · · · · · · · · · ·
	PC 1x80 T5 PRO lp	22185209	1	
8	PC 2/80 T5 INDUSTRY	89800461	2	
TRIDONIC ATCO	PC 2x80 T5 PRO lp	22185210	2	•
NO	PCA 1×80 T5 BASIC Ip	22185084	1	•
₽	PCA 2x80 T5 BASIC lp	22185085	2	
	PCA 2x80 T5 ECO lp	22185098	2	
	PCA 2x80 T5 EXCEL one4all lp	22185107	2	
VOSSLOH- SCHWABE	ELXc 180.866	188144	1	
VOSS	ELXc 280.538	188619	2	
BAG- HUECO	BCS80.1FX-11/220-240	10077587	1	
A HUE	BCS80.2FX-11/220-240	10095407	2	
Others	Direct mains			

#### General note Philips Master LEDtube HF InstantFit T5 UO

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. 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  $\underline{\text{www.philips.com/ledtube}}$ 



# **MASTER LEDtube HF InstantFit HE T5 - 600 mm**



### **Ballast** Compatibility

#### KEY

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions
Dim	Ballast is compatible and conditional released for dimming	
	Ballast is not compatible	
	Ballast LEDtube combination not tested	

	Works with High Frequency ballast (HF)			MAS LEDtube HF 600mm HE 8W 8xx T5 Model number / EOC code: 9290013907 / 871869674323200 9290013908 / 871869674325600
	Ballast type	12nc	Lamps on ballast	9290013909 / 871869674327000 AC (50 Hz) on HF Ballast Compatible
			1	AC (30 HZ) OII HE BALLAST COMPATIBLE
	HF-E 114 TL5 II	9137130414		
	HF-E 214 TL5 II	9137130415	2	
	HF-E 3/414 TL5 II	9137130413	3	
	HF-E 3/414 TL5 II	9137130413	1	
	HF-P114-35 TL5 HE III IDC	9137130310	<b>'</b>	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
	HF-S 2 14-35 TL5 HE II	9137130421	2	
	HF-S 3/414 TL5 II	9137130330	3	
	HF-S 3/414 TL5 II	9137130330	4	
	HF-P 3/414 TL5 III IDC	9137130339	3	
	HF-P 3/414 TL5 III IDC	9137130339	4	
Σ	HF-P 3/4 14 TL5 EII 220-240	9137006013	3	
PHILIPS	HF-P 3/4 14 TL5 EII 220-240	9137006013	1	
	HF-R 114 TL5 220-240	9137001287	<b>'</b>	
	HF-R 3/414 TL5 220-240	9137001423	3	
	HF-R 3/414 TL5 220-240	9137001423	4	
	HF-R Es 114-35 TL5	9137006616	1	* / Dim
	HF-R Es 214-35 TL5	9137006617	2	* / Dim
	HF-R DALI 214 TL5 220-240	9137001313	2	
	HF-R TD 314 TL5 EII	9137006291	3	
	HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	3	
	HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	4	
	HF-Ri TD 114/21/24/39 E+	9137006983	1	
	HF-Ri TD 2 14/21/24/39 E+	9137006984	2	
	BLUE 114 LH TL/PLS/PLC	9137004217	1	
	QT-FIT5 1x14-35		1	
	QT-FIT5 2x14-35		2	
	QT-FIT5 3x14, 4x14		3	
OSRAM	QT-FIT5 3x14, 4x14		4	
OSF	QTP5 1x14-35		1	
	QTP5 2x14-35		2	
	QTP5 3x14, 4x14		3	
	QTP5 3x14, 4x14		4	
HELVAR	EL1x14-35ngn5		1	
	DOLLA DE TE TODA	22405457		
	PC 1×14-35 T5 TOP Ip	22185157	1	
	PC 2×14-28 T5 TOP lp	22185158	2	
TRIDONIC ATCO	PC 3/4×14 T5 TOP lp	22185220	3	
J N	PC 3/4×14 T5 TOP lp	22185220	4	
9E	PC 1×14-35 T5 PRO lp	22185147	1	
F	PC 2×14-35 T5 PRO lp	22185148	2	
	PC 3/4×14 T5 PRO Ip	22185211	3	
	PC 3/4×14 T5 PRO lp	22185211	4	
VOSSLOH- SCHWABE	ELXc 135.220	188921	1	
. 0	BCS14.3-4FR-01/220-240	10052868	3	
BAG- HUECO	BCS14.3-4FR-01/220-240	10052868	4	•
ᄪ呈	BCS35.1FX-11/220-240	10077579	1	
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#### General note Philips Master LEDtube HF InstantFit HE T5

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. 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  $\underline{\text{www.philips.com/ledtube}}$ 

**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.



Direct mains

Direct Mains

# **MASTER LEDtube HF InstantFit HE T5 - 900 mm**



### **Ballast** Compatibility

#### KEY

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	Ballast is not compatible	application conditions		
	Ballast LEDtube combination not tested			
	Morks with High Frequency ballast (HF)	MAS LEDtube HF 900mm HE 11W 8xx T5  Model number / EOC code: 9290019957 / 871869963281600 9290019958 / 871869963283000 9290019959 / 871869963285400		
	Ballast type	12nc	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	HF-P114-35 TL5 HE III IDC 4CIC	9137130310	1	
S	HF-P114-35 TL5 HE III IDC C2E	9137130310	1	
PHILIPS	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
=	HF-S 114-35 TL5 II	9137130429	1	
	HF-S 2 14-35 TL5 HE II	9137130421	2	
	QT-FIT5 1x14-35		1	
OSRAM	QT-FIT5 2x14-35		2	
OSR	QTP5 1x14-35		1	
	QTP5 2x14-35		2	
HELVAR	EL1x14-35ngn5		1	
<u>u</u>	PC 1×14-35 T5 PRO lp	22185147	1	
TRIDONIC	PC 1×14-35 T5 TOP lp	22185157	1	
E 4	PC 2×14-28 T5 TOP lp	22185158	2	
VOSSLOH- SCHWABE				
BAG- HUECO				

#### General note Philips Master LEDtube HF InstantFit HE T5

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. 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  $\underline{\text{www.philips.com/ledtube}}$ 



# MASTER LEDtube HF InstantFit HE T5 - 1200 mm



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	InstantFit*			MAS LEDtube HF 1200mm HE 16.5W 8xx T5  Model number / EOC code:
	High Frequency ballast (HF)			9290013910 / 871869674323400 9290013911 / 871869674331700 9290013912 / 871869674333100
	Ballast type	12nc	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	EB-C 128 TL5	9137131964	1	•
	EB-C 228 TL5	9137131971	2	
	EB-Ci 1-2 14-28W	9137130432	1	
	EB-Ci 1-2 14-28W	9137130432	2	•
PHILIPS	HF-P114-35 TL5 HE III IDC	9137130310	1	
王	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
	HF-S 2 14-35 TL5 HE II	9137130421	2	
	HF-R Es 114-35 TL5	9137006616	1	Dim
	HF-R Es 214-35 TL5	9137006617	2	Dim
	HF-R T 228 TL5 220-240	9137001863	2	Dim
	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	9137006958	2	
	QT-FIT5 1x14-35		1	•
	QT-FIT5 2x14-35		2	•
_	QTP5 1x14-35		1	
OSRAM	QTP5 2x14-35		2	•
Ö	EZ-T51×28/220		1	
	EZP5 1×28/220-230		1	
	EZP5 2×28/220-230		2	
/AR	EL1x14-35ngn5		1	
HELVAR	EL1x14-35ngn5		2	
	PC 1×14-35 T5 TOP lp	22185157	1	
TRIDONIC ATCO	PC 2×14-28 T5 TOP lp	22185158	2	
Š	PC 1×14-35 T5 PRO lp (production date before 2014)	22185147	1	
<u> </u>	PC 1×14-35 T5 PRO lp (production date after 2014)	22185147	1	
F	PC 2×14-35 T5 PRO lp	22185148	2	
VOSSLOH- SCHWABE	ELXc 135.220	188921	1	
BAG- HUECO	BCS35.1FX-11/220-240	10077579	1	
Others	Direct mains			

#### General note Philips Master LEDtube HF InstantFit HE T5

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. 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  $\underline{\text{www.philips.com/ledtube}}$ 



# MASTER LEDtube HF InstantFit HE T5 - 1500 mm



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	InstantFit*			MAS LEDtube HF 1500mm HE 20W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290013913 / 871869674335500 9290013914 / 871869674337900 9290013915 / 871869674339300
	Ballast type	12nc	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	HF-P114-35 TL5 HE III IDC	9137130310	1	
×	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
PHILIPS	HF-S 2 14-35 TL5 HE II	9137130421	2	
_	HF-R Es 114-35 TL5	9137006616	1	Dim
	HF-R Es 214-35 TL5	9137006617	2	Dim
	HF-P 135 TLD 220-240	9137001367	1	
	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	9137006958	2	
	QT-FIT5 1x14-35		1	
AM	QT-FIT5 2x14-35		2	
OSRAM	QTP5 1x14-35		1	
	QTP5 2x14-35		2	
HELVAR	EL1x14-35ngn5		1	•
	PC 1×14-35 T5 TOP lp	22185157	1	
TRIDONIC ATCO	PC 2×35 T5 TOP lp	28000047	2	•
Ş	PC 1×14-35 T5 PRO lp (production date before 2014)	22185147	1	
읉	PC 1×14-35 T5 PRO lp (production date after 2014)	22185147	1	
-	PC 2×14-35 T5 PRO lp	22185148	2	•
VOSSLOH- SCHWABE	ELXc 135.220	188921	1	
BAG- HUECO	BCS35.1FX-11/220-240	10077579	1	
Others	Direct mains			

#### General note Philips Master LEDtube HF InstantFit HE T5

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. 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  $\underline{\text{www.philips.com/ledtube}}$ 



# **MASTER LEDtube HF InstantFit T8 - 600 mm**



### **Ballast** Compatibility

#### **KEY**



	Works with High Frequency ballast (HF)			MASTER LEDtube HF, Instant Fit 600mm HF 1050lm  Model number / EOC code: 9290013931 / 871869674353900 9290013932 / 871869674355300 9290013933 /871869674367600
	Pallacthus	10nc / Ref. no.	Lamps on hallast	AC (FOUR) on HE Pallact Compatible
	Ballast type		Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	HF-P 118 TLD III IDC	9137130312	1	
	HF-P 218 TLD III IDC	9137130313	2	
	HF-S 118 TLD II	9137130320	1	
	HF-S 218 TL-D II 220-240V 50/60Hz	9137130323	2	
	HF-S 3/4x18 TLD II	9137130326	3	
	HF-S 3/4x18 TLD II	9137130326	4	
	HF-Matchbox 1x18 Blue	9137004180 / 9137004179	1	
Š	HF-Matchbox 1x18 RED		1	
PHILIPS	HF-P 3/4x18 TLD III IDC	9137130314	3	
立	HF-P 3/4x18 TLD III IDC	9137130314	4	
	HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD)	9137130390	2	
	HF-E 418 TL-D II 220-240V 50/60Hz-parl	9137130412	4	
	HF-P 118 TLD 220-240	9137001709	1	
	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	
	TH 3 210/230 TE D II	3137130324	2	
	QTP8 1x18		1	
	QTP8 2x18		2	
	QT-FIT8 1x18		1	
	QT-FIT8 2x18		2	
OSRAM	QT Fit 5/8 1x18-39		1	
OSR	QTP-OPTIMAL 118-40		1	
	QTP-OPTIMAL 218-40		2	
	QT Fit 5/8 2x18-39		2	
	QT-FIT8 3/4X18		3	
	QT-FIT8 3/4X18		4	
	EL1x18ngn		1	
~	EL2x18ngn		2	
HELVAR	EL 3/4x18ngn		4	·
뿦	EL 3/4x18ngn		3	
	EL1x18s		1	
	EL 4x18ngn		4	
	PC 118 PRO Ip	22185213	1	
	PC 218 PRO Ip	22185216	2	
	PC 1X18-24W BASIC	22176000	1	
	PC 1x18 T8 TOP sl	22185222	1	
8	PC 3/4X18 TOP Ip	22185219 / 22185228	3	
TRIDONIC ATCO	PC 3/4X18 TOP Ip	22185219 / 22185228	4	
NO NO	PC 1/14-35/24/39 T5 PRO-M lp		1	
₽	·	22176182	'	
	PC 2/14-35/24/39 T5 PRO-M lp	22176185	2	
	PC 1x18 T8 TEC	87500113	1	
	PC 2x18 T8 TEC	87500114	2	
	PC 2x36 T8 TEC (4x18 T8 TEC)	87500116	4	
	ELXc 136.200	188314	1	
H	ELXc 236.208		2	
¥.	ELXc 424.379	188116	3	
 -SC	ELXc 424.379	188116	4	
VOSSLOH-SCHWABE	ELXc 418.204	188318	3	
705	ELXc 418.204	188318	4	
	ELXc 136.207		1	
		I	T.	
8	BCS18.1FX-11/220-240	1007 7588	1	
H.	BCS18.2FX-11/220-240	1007 7589	2	
BAG-HUECO	BCS18.3-4LR-01/220-240 3lamp	1005 0999	3	
Ä	BCS18.3-4LR-01/220-240 4lamp	1005 0999	4	
S	Direct mains			
Others	Electro Magnetic Ballast			
	1	I		

#### 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  $\underline{\text{www.philips.com/ledtube}}$ 

**Dimming a LEDtube:** Philips 600mm MASTER LEDtubes InstantFit T8 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.



# **MASTER LEDtube HF InstantFit T8 - 1200 mm**



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	InstantFit			MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HO, InstantFit 2100lm	MASTER LEDtube 1200mm HF UO, InstantFit 2500lm
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290012263 / 871869656616900	Model number / EOC code: 9290012843A / 871869668752900 9290012841A / 871869668748200 9290012842A /871869668750500	Model number / EOC code: 9290013002A / 871869668800700 9290013000A / 871869668796300 9290013001A / 871869668798700
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
	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		•	•
<u>8</u>	HF-P XT 236 TLD EII 220-240	9137006178	2		•	•
PHILIPS	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		Dim	Dim
	HF-R 236 TL-D EII	9137006093	2			
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1			
	HF-Ri TD 114/21/24/39TL5 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			
	QT-FIT8 1x36		1		•	*
	QT-FIT8 2x36		2		•	•
_	QTP8 1x36		1		•	•
OSRAM	QTP8 2x36		2		•	•
Ö	QTP-OPTIMAL 1x18-40		1			
	QTP-OPTIMAL 2x18-40		2		•	•
	QT-FIT 5/8 2x18-39		2		•	
	EL1x36/40/18S	· 	1			
	EL1x36HF		1			
HELVAR	EL1x36ngn		1		•	
里	EL2x36/40s		2		•	
	EL2x36ngn		2			



# **MASTER LEDtube HF InstantFit T8 - 1200 mm**



### **Ballast** Compatibility

#### KEY

	Ballast is compatible	
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Di	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	InstantFit*			MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HO, InstantFit 2100lm	MASTER LEDtube 1200mm HF UO, InstantFit 2500lm
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290012263 / 871869656616900	Model number / EOC code: 9290012843A / 871869668752900 9290012841A / 871869668748200 9290012842A /871869668750500	Model number / EOC code: 9290013002A / 871869668800700 9290013000A / 871869668796300 9290013001A / 871869668798700
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
	PC 1/36 T8 INDUSTRY	86458035	1			
	PC 1/36 T8 PRO	22176217	1			
	PC 1x36 T8 PRO lp	22185214	1			
8	PC2/36 T8 INDUSTRY	86458036	2		•	•
TRI DONIC ATCO	PC2x36 T8 PRO sl	22185217	2		•	•
NO	PC 2x36 T8 TOP sl	22185226	2		•	•
퐅	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		•	•
ABE	ELXc 136.207	188708	1		•	•
¥.	ELXc 236.202	188316	2		•	•
VOSSLOH-SCHWABE	ELXc 236.208	188705	2		•	•
SSLO	ELXe 238.527	188137	2			
Š	ELXe 238.527	188137	1			
	BCS36.1FX-11/220-240	10077590	1			
2	BCS36.2FX-11/220-240	10077591	2			
BAG-HUECO	D36.2-23021 E	166132	2		•	•
3AG	D 58.1-23021 E	166072	1		•	•
	ECS36.2SR-01/220-240	167032	2			
	D36.2-23021 E		2			
Trilux	D58.1-23021E		1		*	•
_	DD58.1-23031E		1			
ers	EM ballast		1			
Others	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.

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# **MASTER LEDtube HF InstantFit T8 - 1500 mm**



### **Ballast** Compatibility

#### KEY

	Ballast is compatible	
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Dim	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	InstantFit*			MASTER LEDtube 1500mm HF HO, InstantFit 3100lm	MASTER LEDtube 1500mm HF UO, InstantFit 3700lm
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290012846A / 871869668758100 9290012844A / 871869668754300 9290012845A / 871869668756700	Model number / EOC code: 9290013005A / 871869668806900 9290013003A / 871869668802100 9290013004A / 871869668804500
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
	EI 158 TL-D 220-240	9137 006 075	1		•
	HF-B 158 TLD 220-240	9137 001 123	1		
	HF-B 158 TLD EII 220-240	9137 001 927	1	•	•
	HF-B 258 TLD 220-240	9137 001 125	2	•	
	HF-B 258 TL-D EII 220-240	9137 001 929	2	•	•
	HF-E 158 TL-D	9137 130 389	1		
	HF-E 1/2 58 TL-D II	9137 130 409	2		
	HF-E 1/2 58 TL-D II	9137 130 409	1	•	•
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1		
	HF-P 158 TLD EII 220-240	9137 001 912	1	•	•
	HF-P 158 TL-D III IDC	9137 130 318	1		
	HF-P 258 TLD EII 220-240	9137 001 916	2	•	•
	HF-P 258 TL-D III IDC	9137 130 319	2		
S	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	•	•
PHILIPS	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	•	•
-	HF-P 158 TLD 220-240	9137 001 185	1		
	HF-P 258 TLD 220-240	9137 001 110	2	•	•
	HF-R 258 TLD 220-240	9137 001 119	2	Dim/*	Dim
	HF-R 158 TLD EII	9137 006 094	1	Dim	Dim
	HF-R 258 TLD EII	9137 006 095	2		
	HF-RiTD 1 28/35/49/54TL5 E+	9137006956	1		
	HF-RiTD 2 28/35/49/54TL5 E+	9137006958	2		
	HF-S 158		1	•	•
	HF-S 158 TL-D II	9137 130 322	1		
	HF-S 258 TL-D II	9137 130 325	2		
	HF-S 258 TL-D II HT	9137 006 899	2		
	HF-S 158 TLD 220-240	9137 006 319	1		
	EB-P 258 TLD ICC 220-240	9137 130 210	2	•	•
	HF-P 258 TLD 220-240	9137001206	2		
	QT Deluxe HF 1x58 230-240 DIM		1		
	QT Deluxe HF 2x58 230-240 Dim		2		
	QT-FIT8 1x58 - 70		1		
	QT-FIT8 2x58 70		2		
	QTP8 1x58		1	•	•
OSRAM	QTP8 2x58		2	•	
OSF	QTP-OPTIMAL 1x54-58		1		
	QTP OPTIMAL 2x54 58		2		
	QT 1X58 DIM		1		
	QT-FIT 5/8 1x54-58		1		
	QT-FIT 5/8 2x54-58		2		
	QT-FIT8 2x58		2		
	EL1x58ngn		1		
	EL1x58s		1		
/AR	EL2x58es		2	•	•
HELVAR	EL2x58HF		2		
	EL2x58ngn		2		•
	EL2x58s		2		
	PC 1/58 T8 INDUSTRY	86 458 037	1		•
	PC 1/58 T8 PRO	22 176 094	1		
	PC 1x58 T8 PRO lp	22 185 215	1		
	PC 2/58 T8 INDUSTRY	86 458 038	2	•	•
5	PC 2x58 E011	20 .55 656	2		
IC A	PC 2x58 E011 IDC	22 083 174	2		
TRIDONIC ATCO	PC 2x58 T8 PRO sl	22 185 218	2	•	
Ĕ	PC 1x58 T8 TOP sl	22185224	1		
	PC 2x58 T8 TOP sl	22185227	2		
	PCA 1/58 excel one4all	22 085 286	1		
	PCA 2x58 EXCEL One4all Ip	28 000 040	2		



# **MASTER LEDtube HF InstantFit T8 - 1500 mm**



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	
	* Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as
Di	Ballast is compatible and conditional released for dimming	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions
	Ballast LEDtube combination not tested	

	Works with High Frequency ballast (HF)			MASTER LEDtube 1500mm HF HO, InstantFit 3100lm  Model number / EOC code: 9290012846A / 871869668758100 9290012844A / 871869668754300 9290012845A / 871869668756700	MASTER LEDtube 1500mm HF UO, InstantFit 3700lm Model number / EOC code: 9290013005A / 871869668806900 9290013003A / 871869668802100 9290013004A / 871869668804500
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
	ELXc 158.201	188315	1		
	ELXc 158.209	188706	1		
4BE	ELXc 158.218	188870	1		
VOSSLOH-SCHWABE	ELXc 258.203	188317	2		
H-SC	ELXc 258.210	188707	2	•	•
SSLO	ELXc 258.219	188871	2	•	•
Vos	ELXe 258.222	188130	2		
	ELXe 258.222	188130	1		
	ELXe 158.524	188024	1		
	BCD58.1F-01/220-240/1-10V	1009 7145	1	Dim / *	Dim / *
	BCS58.1FX-11/220-240	1007 7592	1		
<u> </u>	BCS58.2FX-11/220-240	1007 7593	2		
BAG-HUECO	BCS58.2SX-01/220-240	1005 1003	2		
3AG	D 58.1-23021 E	166 072	1	•	•
_	D 58.2-23021 E	166 082	2		
	SCS58.2SR-11/220-240	166 272	2		
×	D58.1-23021E		1	•	•
Trilux	DD58.1-23031E		1		
y + stie	MCU 158		1		
May + Christie	MCU 258		2		
ers	Direct mains				
Others	Electro Magnetic Ballast				

#### 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  $\underline{\text{www.philips.com/ledtube}}$ 



# **MASTER LEDtube Universal T8 - 1200 mm**



MASTER LEDtube 1200mm Universal.

### **Ballast** Compatibility

#### KEY

	Ballast is compatible	This down this factor formation and another than the
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are
	Ballast is not compatible	generated in lab controlled environment and may differ from actual application conditions
	Ballast LEDtube combination not tested	application conditions

	InstantFit*	MASTER LEDtube 1200mm Universal, Instant Fit		
	HASSLE PREE INSTALLATION			2500lm
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290013361 / 871869670537700
				9290013362 / 871869670539100
	Ballast type	10nc	Lamps on ballast	9290013360 / 871869672853600 AC (50Hz) on HF Ballast Compatible
	EB-C 136 TL-D 220-240	9137131992	1	AC (50112) ON THE Ballast Companies
	EB-S 236 TL-D 220-230	9137130216	2	
	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	•
	HF-P 236 TL-D III IDC	9137130316	2	
	HF-P 336 TL-D III IDC	9137130317	3	
	HF-P Xt 136 TLD EII 220-240	9137006177	1	
PHILIPS	HF-P XT 236 TLD EII 220-240	9137006178	2	
푼	HF-P 136 TLD EII 220-240	9137001911	1	
	HF-P 236 TLD 230-240	9137001112	2	
	HF-Pi 1 14/21/24/28/39 TL5 EII 220-240	9137006240	1	
	HF-R 136 TL-D EII	9137006092	1	
	HF-R 236 TL-D EII	9137006093	2	
	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	
	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	
		9137130316	2	
	HF-S 218/236 TL-D II	9137130324	2	•
	QT-FIT8 1x36		1	•
	QT-FIT8 2x36		2	•
5	QTP8 1x36		1	•
OSRAM	QTP8 2x36		2	
0	QTP-OPTIMAL 1x18-40		1	
	QTP-OPTIMAL 2x18-40		2	
	QT-FIT 5/8 2x18-39		2	
	EL1x36/40/18S		1	
~	EL1x36HF		1	
HELVAR	EL1x36ngn		1	
뷮	EL2x36/40s		2	
	EL2x36ngn		2	
	PC 1/36 T8 INDUSTRY	86458035	1	
	PC 1/36 T8 INDUSTRY PC 1/36 T8 PRO	22176217	1	
	PC 1x36 T8 PRO lp	22185214	1	•
0	PC2/36 T8 INDUSTRY	86458036	2	
TRIDONIC ATCO	PC2x36 T8 PRO sl	22185217	2	
ONIC	PC 2x36 T8 TOP sl	22185226	2	
ZED	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	
	<del></del>		1.	



# **MASTER LEDtube Universal T8 - 1200 mm**



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	This down this factor formation and another than the
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are
	Ballast is not compatible	generated in lab controlled environment and may differ from actual application conditions
	Ballast LEDtube combination not tested	application conditions

Works with High Frequency shallast (HF) High Frequency ballast (HF)	MASTER LEDtube 1200mm Universal, Instant Fit 2500lm Model number / EOC code: 9290013361 / 871869670537700 9290013362 / 871869670539100 9290013360 / 871869672853600		
Ballast type	10nc	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
ELXc 136.207	188708	1	
ELXc 136.207  ELXc 236.202  ELXc 236.208  ELXe 238.527  ELXe 238.527	188316	2	
ELXc 236.208	188705	2	
ELXe 238.527	188137	2	
ELXe 238.527	188137	1	
BCS36.1FX-11/220-240	10077590	1	
BCS36.2FX-11/220-240	10077591	2	· · · · · · · · · · · · · · · · · · ·
BCS36.2FX-11/220-240 D36.2-23021 E D 58.1-23021 E	166132	2	
D 58.1-23021 E	166072	1	· · · · · · · · · · · · · · · · · · ·
ECS36.2SR-01/220-240	167032	2	
D36.2-23021 E		2	
D58.1-23021E		1	· · · · · · · · · · · · · · · · · · ·
DD58.1-23031E		1	
EM ballast		1	
EM ballast Direct Mains (only one single side supply)		1	

#### General note Philips Master LEDtube Universal T8

**General notes:** Philips LEDtubes Universal T8 are designed to work on HF ballasts, or EM ballast, or direct mains connection.

For HF ballast connection: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

Please note that Philips LEDtubes Universal T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes Universal T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. 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 HF 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  $\underline{www.philips.com/ledtube}$ 

For EM ballasts or direct mains connection: Please refer to the installation guide.



# **MASTER LEDtube Universal T8 - 1500 mm**



### **Ballast** Compatibility

#### **KEY**

	_	
	Ballast is compatible	This do not be for information or an analysis to the books of the
*	Ballast is compatible, light output may differ >10% compared to specifications	This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are
	Ballast is not compatible	generated in lab controlled environment and may differ from actual application conditions
	Ballast LEDtube combination not tested	application conditions

	InstantFit*	MASTER LEDtube 1500mm Universal Instant Fit 3700lm		
	Works with High Frequency hallast (HF) High Frequency ballast (HF)			Model number / EOC code: 9290013364 / 871869670533900 9290013365 / 871869670535300 9290013363 / 871869672851200
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	EI 158 TL-D 220-240	9137 006 075	1	*
	HF-B 158 TLD 220-240	9137 001 123	1	
	HF-B 158 TLD EII 220-240	9137 001 927	1	•
	HF-B 258 TLD 220-240	9137 001 125	2	
	HF-B 258 TL-D EII 220-240	9137 001 929	2	•
	HF-E 158 TL-D	9137 130 389	1	
	HF-E 1/2 58 TL-D II	9137 130 409	2	
	HF-E 1/2 58 TL-D II	9137 130 409	1	
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	
	HF-P 158 TLD EII 220-240	9137 001 912	1	
	HF-P 158 TL-D III IDC	9137 130 318	1	
	HF-P 258 TLD EII 220-240	9137 001 916	2	
		9137 130 319	2	
	HF-P 258 TL-D III IDC		1	
	HF-P Xt 158 TLD EII 220-240	9137 006 179	<u>'</u>	
₹	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	
PHILIPS	HF-P 158 TLD 220-240	9137 001 185	1	
	HF-P 258 TLD 220-240	9137 001 110	2	
	HF-R 158 TLD 220-240	9137 001 118	1	
	HF-R 258 TLD 220-240	9137 001 119	2	
	HF-R 158 TLD EII	9137 006 094	1	
	HF-R 258 TLD EII	9137 006 095	2	
	HF-R TD 258 TLD EII 220-240	9137 006 070	2	
	HF-RiTD 1 28/35/49/54TL5 E+	9137006956	1	
	HF-RiTD 2 28/35/49/54TL5 E+	9137006958	2	
	HF-S 158		1	
	HF-S 158 TL-D II	9137 130 322	1	•
	HF-S 158 TL-D II 220-240V 50/60Hz	9137 130 322	1	
	HF-S 258 TL-D II	9137 130 325	2	•
	HF-S 258 TL-D II HT	9137 006 899	2	
	HF-S 158 TLD 220-240	9137 006 319	1	
	EB-P 258 TLD ICC 220-240	9137 130 210	2	· · · · · · · · · · · · · · · · · · ·
	QT Deluxe HF 1x58 230-240 DIM		1	
	QT Deluxe HF 2x58 230-240 Dim		2	
	QT-FIT8 1x58 - 70		1	
	QT-FIT8 2x58 70		2	
Σ	QTP8 1x58		1	
OSRAM	QTP8 2x58		2	•
J	QTP-OPTIMAL 1x54-58		1	
	QTP OPTIMAL 2x54 58		2	
	QT 1X58 DIM		1	
	QT-FIT 5/8 1x54-58		1	· · · · · · · · · · · · · · · · · · ·
	QT-FIT 5/8 2x54-58		2	
	EL1x58ngn		1	
	ELIX58s		1	
œ	EL2x58es		2	
HELVAR	EL2x58HF		2	
			2	
	EL2x58ngn		2	
	EL2x58s		2	
	PC 1/58 T8 INDUSTRY	86 458 037	1	•
	PC 1/58 T8 PRO	22 176 094	1	•
	PC 1x58 T8 PRO lp	22 185 215	1	
0	PC 2/58 T8 INDUSTRY	86 458 038	2	
ATCC	PC 2x58 E011		2	•
TRI DONIC ATCO	PC 2x58 E011 IDC	22 083 174	2	
SE DO	PC 2x58 T8 PRO sl	22 185 218	2	
F	PC 1x58 T8 TOP sl	22185224	1	
	PC 2x58 T8 TOP sl	22185227	2	
	PCA 1/58 excel one4all	22 085 286	1	
	PCA 2x58 EXCEL One4all Ip	28 000 040	2	
	P	1	1	

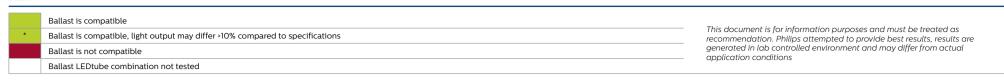


# **MASTER LEDtube Universal T8 - 1500 mm**



### **Ballast** Compatibility

#### **KEY**



	Morks with High Frequency ballast (HF)			MASTER LEDtube 1500mm Universal Instant Fit 3700lm Model number / EOC code:
	rigit requesty vausas (117)			9290013364 / 871869670533900 9290013365 / 871869670535300 9290013363 / 871869672851200
	Ballast type	10nc	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	ELXc 158.201	188315	1	•
	ELXc 158.209	188706	1	
ABE	ELXc 158.218	188870	1	
VOSSLOH-SCHWABE	ELXc 258.203	188317	2	
H-S	ELXc 258.210	188707	2	
SSLO	ELXc 258.219	188871	2	
Š	ELXe 258.222	188130	2	
	ELXe 258.222	188130	1	
	ELXe 158.524	188024	1	
	BCD58.1F-01/220-240/1-10V	1009 7145	1	•
	BCS58.1FX-11/220-240	1007 7592	1	
8	BCS58.2FX-11/220-240	1007 7593	2	
₽	BCS58.2SX-01/220-240	1005 1003	2	•
BAG-HUECO	BCS58.1SR-01/220-240		1	
<b>B</b>	D 58.1-23021 E	166 072	1	
	D 58.2-23021 E	166 082	2	
	SCS58.2SR-11/220-240	166 272	2	
J	D58.1-23021E		1	
Trilux	DD58.1-23031E		1	
	DD58.2-23021E		2	
May + Christie	MCU 158		1	
A A	MCU 258		2	
ers	Direct Mains (only one single side supply)			
Others	Electro Magnetic Ballast			

#### General note Philips Master LEDtube Universal T8

**General notes:** Philips LEDtubes Universal T8 are designed to work on HF ballasts, or EM ballast, or direct mains connection.

For HF ballast connection: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

Please note that Philips LEDtubes Universal T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes Universal T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. 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 HF 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  $\underline{www.philips.com/ledtube}$ 

For EM ballasts or direct mains connection: Please refer to the installation guide.



# **CorePro LEDtube HF InstantFit T8 - 600 mm**



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	This document is for information purposes and must be treated as
*	Ballast is compatible, light output may differ >10% compared to specifications	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions

Works with High Frequency ballast (HF)			Corepro LEDtube HF, Instant Fit 600mm 800lm  Model number / EOC code: 9290012495 / 871869665217600 9290012496 / 871869665219000
Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
HF-P 118 TLD III IDC	9137130312	1	
HF-P 218 TLD III IDC	9137130313	2	
HF-S 118 TLD II	9137130320	1	
HF-S 218 TL-D II 220-240V 50/60Hz	9137130323	2	
HF-S 3/4x18 TLD II	9137130326	3	•
LIE C 3/4×10 TLD II	9137130326	4	
HF-Matchbox 1x18 Blue	9137004180 / 9137004179	1	•
HF-Matchbox 1x18 RED	31370041007 3137004173	1	•
HF-P 3/4x18 TLD III IDC	9137130314	3	
HF-P 3/4x18 TLD III IDC	9137130314	4	
HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD)	9137130314	2	
HF-E 418 TL-D II 220-240V 50/60Hz-parl	9137130412	4	
HF-P 118 TLD 220-240	9137001709	1	
	13/00//03		
QTP8 1x18		1	•
QTP8 2x18		2	
QT-FIT8 1x18		1	•
QT-FIT8 2x18		2	
QT Fit 5/8 1x18-39 QTP-OPTIMAL 118-40		1	
Ö QTP-OPTIMAL 118-40		1	
QTP-OPTIMAL 218-40		2	•
QT Fit 5/8 2x18-39		2	•
QT-FIT8 3/4X18		3	•
QT-FIT8 3/4X18		4	•
EL1x18ngn		1	
EL2x18ngn		2	
		4	
EL 3/4x18ngn EL 3/4x18ngn		3	
EL1x18s		1	· · · · · · · · · · · · · · · · · · ·
EL 4x18ngn		4	•
DC 110 DDO In	22185213	1	
PC 118 PRO lp PC 218 PRO lp	22185213	2	
PC 1/18-24W BASIC	22176000	1	
PC 1x18 T8 TOP sl	22185222	1	
9 PC 3/4V10 TOP In		3	
PC 3/4X18 TOP Ip	22185219 / 22185228		
PC 3/4X18 TOP Ip PC 3/4X18 TOP Ip PC 1/14-35/24/39 T5 PRO-M Ip	22185219 / 22185228 22176182	1	
PC 1/14-35/24/39 T5 PRO-M Ip	22176182	2	
PC 2/14-35/24/39 T5 PRO-M lp		1	
PC 1x18 T8 TEC	87500113 87500114		
PC 2x18 T8 TEC		2	
PC 2x36 T8 TEC (4x18 T8 TEC)	87500116	4	
ELXc 136.200	188314	1	The second secon
<b>≝</b> ELXc 236.208		2	•
ELXc 236.208  ELXc 424.379  ELXc 418.204  ELXc 418.204	188116	3	
ELXc 424.379	188116	4	
ELXc 418.204	188318	3	
<b>ELXc</b> 418.204	188318	4	
ELXc 136.207		1	•
o BCS18.1FX-11/220-240	1007 7588	1	
BCS18.2FX-11/220-240	1007 7589	2	
BCS18.1FX-11/220-240  BCS18.2FX-11/220-240  BCS18.3-4LR-01/220-240 3lamp  BCS18.3-4LR-01/220-240 4lamp	1005 0999	3	
BCS18.3-4LR-01/220-240 4lamp	1005 0999	4	
Direct mains Electro Magnetic Ballast		1	
5 Electro Magnetic Ballast		1	

#### General note Philips CorePro 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 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes 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

**Dimming a LEDtube:** Philips CorePro LEDtubes HF InstantFit T8 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.



# CorePro LEDtube HF InstantFit T8 - 1200 mm



### **Ballast** Compatibility

#### **KEY**

Ballast is compatible

Ballast is compatible, light output may differ >10% compared to specifications

Ballast is not compatible

Ballast is not compatible

This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions

	InstantFit	Corepro LEDtube HF, Instant Fit 1200mm 1600lm		
	Works with High Frequency ballast (HF)			Model number / EOC code : 9290012499 / 871869658127800 9290011365 / 871869658129200
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	EB-C 136 TL-D 220-240	9137131992	1	
	EB-S 236 TL-D 220-230	9137130216	2	
	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	
	HF-P 236 TL-D III IDC	9137130316	2	
	HF-P 336 TL-D III IDC	9137130317	3	
	HF-P Xt 136 TLD EII 220-240	9137006177	1	
PHILIPS	HF-P XT 236 TLD EII 220-240	9137006178	2	
푼	HF-P 136 TLD EII 220-240	9137001911	1	
	HF-P 236 TLD 230-240	9137001112	2	
	HF-Pi 1 14/21/24/28/39 TL5 EII 220-240	9137006240	1	
		9137006240	1	
	HF-R 136 TL-D EII 220-240V 50/60Hz HF-R 236 TL-D EII 220-240V 50/60Hz	9137006092	2	
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1	
	HF-R 236 TL-D 220-240V 50/60Hz	9137001120	2	
	HF-S 136 TL-D II	9137130321	1	<u>.</u>
	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	
	QT-FIT8 1x36		1	
	QT-FIT8 2x36		2	
_	QTP8 1x36		1	
SRAM	QTP8 2x36		2	
OSR	QTP-OPTIMAL 1x18-40		1	
	QTP-OPTIMAL 2x18-40		2	
	QT-FIT 5/8 2x18-39		2	· ·
	EL1x36/40/18S		1	
AR	EL1x36HF		1	· · · · · · · · · · · · · · · · · · ·
HELVAR	EL1x36ngn		1	
_	EL2x36/40s		2	•
	EL2x36ngn		2	
	PC 1/36 T8 INDUSTRY	86458035	1	
	PC 1/36 T8 PRO	22176217	1	
	PC 1x36 T8 PRO lp	22185214	1	
0	PC2/36 T8 INDUSTRY	86458036	2	
TRIDONIC ATCO	PC2x36 T8 PRO sl	22185217	2	
ONIC	PC 2x36 T8 TOP sl	22185226	2	
5	PC 1x36 T8 TOP sl	22185223	1	
_	PC1/36 T8 PRO sc	89800008	1	
	PC 1/36 T8 PRO	22176108	1	
	PC 1/36 TO PRO	22176106	'	



PC 3/36 T8 PRO

# **CorePro LEDtube HF InstantFit T8 - 1200 mm**



### **Ballast** Compatibility

#### **KEY**

Ballast is compatible	This document is for information purposes and must be treated as
Ballast is compatible, light output may differ >10% compared to specifications	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
Ballast is not compatible	application conditions

	Works with High Frequency ballast (HF)			Corepro LEDtube HF, Instant Fit 1200mm 1600lm  Model number / EOC code: 9290012499 / 871869658127800 9290011365 / 871869658129200
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	ELXc 136.207	188708	1	
LOH WABE	ELXc 236.202	188316	2	
VOSSLOH- SCHWABE	ELXc 236.208	188705	2	
<b>&gt;</b> 01	ELXe 238.527	188137	2	
	BCS36.1FX-11/220-240	10077590	1	
<u> </u>	BCS36.2FX-11/220-240	10077591	2	
BAG-HUECO	D36.2-23021 E	166132	2	
3AG	D 58.1-23021 E	166072	1	
_	ECS36.2SR-01/220-240	167032	2	
¥	D58.1-23021E		1	
Trilux	DD58.1-23031E		1	
ers	EM ballast		1	
Others	Direct Mains		1	

#### General note Philips CorePro 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 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes 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  $\underline{\text{www.philips.com/ledtube}}$ 

**Dimming a LEDtube:** Philips CorePro LEDtubes HF InstantFit T8 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.



# CorePro LEDtube HF InstantFit T8 - 1500 mm



### **Ballast** Compatibility

#### **KEY**

Ballast is compatible

Ballast is compatible, light output may differ >10% compared to specifications

Ballast is not compatible

Ballast is not compatible

This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions

	InstantFit*	Corepro LEDtube HF, Instant Fit 1500mm 2000lm		
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290012497 / 871869659203800 9290012498 / 871869659205200
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	EI 158 TL-D 220-240	9137 006 075	1	
	HF-B 158 TLD 220-240	9137 001 123	1	•
	HF-B 158 TLD EII 220-240	9137 001 927	1	
	HF-B 258 TLD 220-240	9137 001 125	2	
	HF-B 258 TL-D EII 220-240	9137 001 929	2	
	HF-E 158 TL-D	9137 130 389	1	
	HF-E 1/2 58 TL-D II	9137 130 409	2	•
	HF-E 1/2 58 TL-D II	9137 130 409	1	•
	HF-P 158 TLD EII 220-240	9137 001 912	1	
vo	HF-P 158 TL-D III IDC	9137 130 318	1	
PHILIPS	HF-P 258 TLD EII 220-240	9137 001 916	2	
ᅕ	HF-P 258 TL-D III IDC	9137 130 319	2	
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	
	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	
	HF-P 258 TLD 220-240	9137 001 110	2	
	HF-S 158		1	
	HF-S 158 TL-D II	9137 130 322	1	the second secon
	HF-S 258 TL-D II	9137 130 325	2	
	HF-S 258 TL-D II HT	9137 006 899	2	
	HF-S 158 TLD 220-240	9137 006 319	1	
	EB-P 258 TLD ICC 220-240		2	•
	QT-FIT8 1x58-70		1	
	QT-FIT8 2x58-70		2	· · · · · · · · · · · · · · · · · · ·
	QTP8 1x58		1	
Σ	QTP8 2x58		2	
OSRAM	QTP-OPTIMAL 1x54-58		1	
Ŭ	QTP OPTIMAL 2x54 58		2	
	QT-FIT 5/8 1x54-58		1	
	QT-FIT 5/8 2x54-58		2	
	EL1x58ngn		1	
œ	EL1x58s		1	
ELVAR	EL2x58es		2	
星	EL2x58HF		2	
	EL2x58ngn		2	
	EL2x58s		2	
	PC 1/58 T8 INDUSTRY	86 458 037	1	
	PC 1/58 T8 PRO	22 176 094	1	
	PC 1x58 T8 PRO lp	22 185 215	1	
0	PC 2/58 T8 INDUSTRY	86 458 038	2	
TRIDONIC ATCO	PC 2x58 E011		2	
ONIC	PC 2x58 E011 IDC	22 083 174	2	
TRID	PC 2x58 T8 PRO sl	22 185 218	2	
	PC 1x58 T8 TOP sl	22185224	1	
	PC 2x58 T8 TOP sl	22185227	2	
	PCA 1/58 excel one4all	22 085 286	1	
	PCA 2x58 EXCEL One4all Ip	28 000 040	2	



# **CorePro LEDtube HF InstantFit T8 - 1500 mm**



### **Ballast** Compatibility

#### **KEY**

Ballast is compatible	This document is for information purposes and must be treated as
Ballast is compatible, light output may differ >10% compared to specifications	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
Ballast is not compatible	application conditions

InstantFit*			Corepro LEDtube HF, Instant Fit 1500mm 2000lm
Works with High Frequency ballast (HF)			Model number / EOC code: 9290012497 / 871869659203800 9290012498 / 871869659205200
Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
ELXc 158.201	188315	1	•
ELXc 158.209	188706	1	
ELXc 158.218	188870	1	
ELXc 158.218  ELXc 258.203  ELXc 258.210  ELXc 258.219  ELXe 258.222	188317	2	
ELXc 258.210	188707	2	
ELXc 258.219	188871	2	
ELXe 258.222	188130	2	
ELXe 258.222	188130	1	
ELXe 158.524	188024	1	
BCS58.1FX-11/220-240	1007 7592	1	
BCS58.2FX-11/220-240	1007 7593	2	
BCS58.2SX-01/220-240	1005 1003	2	
BCS58.2FX-11/220-240 BCS58.2SX-01/220-240 D 58.1-23021 E	166 072	1	•
D 58.2-23021 E	166 082	2	
SCS58.2SR-11/220-240	166 272	2	
Ŋ D58.1−23021E		1	
D58.1-23021E DD58.1-23031E		1	
# MCU 158		1	
MCU 158 MCU 258		2	
Direct mains			
Direct mains Electro Magnetic Ballast			

#### General note Philips CorePro 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 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes 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  $\underline{\text{www.philips.com/ledtube}}$ 

**Dimming a LEDtube:** Philips CorePro LEDtubes HF InstantFit T8 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.



# CorePro LEDtube Universal HO - 1200 mm



### **Ballast** Compatibility

#### **KEY**

Ballast is compatible

Ballast is compatible, light output may differ >10% compared to specifications

Ballast is not compatible

Ballast is not compatible

This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions

	Works with High Frequency ballast (HF)  InstantFit™  MANAGEMENT ALLATION			CorePro LEDtube UN 1200mm HO 18W8xx T8  Model number / EOC code: 9290018692 / 871869680166600 9290018693 / 871869680168000 9290018694 / 871869680170300
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	EB-C 136 TL-D 220-240	9137131992	1	
	EB-S 236 TL-D 220-230	9137130216	2	
	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	•
	HF-P 236 TL-D III IDC	9137130316	2	
	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	
PHILIPS	HF-P 136 TLD EII 220-240	9137001911	1	
王	HF-P 236 TLD 230-240	9137001112	2	
	HF-Pi 114/21/24/39 TL5 EII 220-240	9137006240	1	
	HF-R 136 TL-D EII	9137006092	1	
	HF-R 236 TL-D EII	9137006093	2	
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1	
	HF-Ri TD 114/21/24/39TL5 E+	9137006983	1	
	HF-S 136 TL-D II	9137130321	1	
	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 136 TLD 220-240	9137001727	1	
	HF-P 138 TLD 220-240	9137001220	1	
	HF-P 218/236 TL-D III	9137130316	2	
	HF-S 218/236 TL-D II	9137130324	2	
		1		
	QT-FIT8 1x36		1	·
	QT-FIT8 2x36		2	
Σ	QTP8 1x36		1	·
OSRAM	QTP8 2x36		2	
	QTP-OPTIMAL 1x18-40		1	
	QTP-OPTIMAL 2x18-40		2	
	QT-FIT 5/8 2x18-39		2	
	EL1x36/40/18S		1	
œ	EL1x36HF		1	•
HELVAR	EL1x36ngn		1	
罜	EL2x36/40s		2	
	EL2x36ngn		2	
	PC 1/36 T8 INDUSTRY	86458035	1	
		22176217	1	
	PC 1/36 T8 PRO		1	
8	PC 1x36 T8 PRO lp	22185214	'	
TRIDONIC ATCO	PC2/36 T8 INDUSTRY	86458036	2	
NOC	PC2x36 T8 PRO sl	22185217	2	
TR	PC 2x36 T8 TOP sl	22185226	2	
	PC 1x36 T8 TOP sl	22185223	1	



89800008

22176231

PC1/36 T8 PRO sc

PC 3/36 T8 PRO

# CorePro LEDtube Universal HO - 1200 mm



### **Ballast** Compatibility

#### **KEY**

	Ballast is compatible	This document is for information purposes and must be treated as
*	Ballast is compatible, light output may differ >10% compared to specifications	recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual
	Ballast is not compatible	application conditions

	Works with High Frequency ballast (HF)	CorePro LEDtube UN 1200mm HO 18W8xx T8  Model number / EOC code: 9290018692 / 871869680166600 9290018693 / 871869680168000 9290018694 / 871869680170300		
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
ABE.	ELXc 136.207	188708	1	
Ž	ELXc 236.202	188316	2	
H-SC	ELXc 236.208	188705	2	
VOSSLOH-SCHWABE	ELXe 238.527	188137	2	
80	ELXe 238.527	188137	1	
	BCS36.1FX-11/220-240	10077590	1	
8	BCS36.2FX-11/220-240	10077591	2	•
BAG-HUECO	D36.2-23021 E	166132	2	
AG-	D 58.1-23021 E	166072	1	
	ECS36.2SR-01/220-240	167032	2	
	D36.2-23021 E		2	
Trilux	D58.1-23021E		1	
=	DD58.1-23031E		1	
ر د	EM ballast	·	1	
Others	Direct Mains (only one single side supply)		1	

#### General note Philips CorePro LEDtube Universal HO

General notes: Philips LEDtubes Universal T8 are designed to work on HF ballasts, or EM ballast, or direct mains connection.

For HF ballast connection: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

Please note that Philips LEDtubes Universal T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes Universal T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. 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 HF 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  $\underline{www.philips.com/ledtube}$ 

**Dimming a LEDtube:** Philips CorePro LEDtubes Universal HO 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.

For EM ballasts or direct mains connection: Please refer to the installation guide.



# CorePro LEDtube Universal HO - 1500 mm



### **Ballast** Compatibility

#### **KEY**

Ballast is compatible

Ballast is compatible, light output may differ >10% compared to specifications

Ballast is not compatible

Ballast is not compatible

This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions

	InstantFit*			CorePro LEDtube UN 1500mm HO 18W8xx T8
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290018695 / 871869680172700 9290018696 / 871869680174100 9290018697 / 871869680176500
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	EI 158 TL-D 220-240	9137 006 075	1	
	HF-B 158 TLD 220-240	9137 001 123	1	
	HF-B 158 TLD EII 220-240	9137 001 927	1	
	HF-B 258 TLD 220-240	9137 001 125	2	
	HF-B 258 TL-D EII 220-240	9137 001 929	2	
	HF-E 158 TL-D	9137 130 389	1	
	HF-E 1/2 58 TL-D II	9137 130 409	2	
	HF-E 1/2 58 TL-D II	9137 130 409	1	
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	
	HF-P 1547 153 1125 1107 FE-E III 1500	9137 001 912	1	
	HF-P 158 TL-D III IDC	9137 130 318	1	
	HF-P 258 TLD EII 220-240	9137 001 916	2	
	HF-P 258 TL-D III IDC	9137 130 319	2	
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	
			2	
<u>R</u>	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	
PHILIPS	HF-P 158 TLD 220-240	9137 001 185		
	HF-P 258 TLD 230-240	9137 001 110	2	
	HF-R 158 TLD 220-240	9137 001 118	1	
	HF-R 258 TLD 220-240	9137 001 119	2	
	HF-R 158 TLD EII	9137 006 094	1	
	HF-R 258 TLD EII	9137 006 095	2	
	HF-R TD 258 TLD EII 220-240	9137 006 070	2	
	HF-RiTD 1 28/35/49/54TL5 E+	9137006956	1	
	HF-RiTD 2 28/35/49/54TL5 E+	9137006958	2	
	HF-S 158		1	•
	HF-S 158 TL-D II	9137 130 322	1	
	HF-S 258 TL-D II	9137 130 325	2	
	HF-S 258 TL-D II HT	9137 006 899	2	
	HF-S 158 TLD 220-240	9137 006 319	1	
	EB-P 258 TLD ICC 220-240	9137 130 210	2	
	HF-P 258 TLD 220-240	9137001206	2	
	QT Deluxe HF 1x58 230-240 DIM		1	
	QT Deluxe HF 2x58 230-240 Dim		2	
	QT-FIT8 1x58 - 70		1	
	QT-FIT8 2x58 70		2	
	QTP8 1x58		1	
Σ	QTP8 2x58		2	
OSRAM	QTP-OPTIMAL 1x54-58		1	
0	QTP OPTIMAL 2x54 58		2	
	QT 1X58 DIM		1	
	QT-FIT 5/8 1x54-58		1	
	QT-FIT 5/8 2x54-58		2	
	QT-FIT8 2x54-58		2	
			2	
	EL1x58ngn		1	
	EL1x58s		1	
HELVAR	EL2x58es		2	
里	EL2x58HF		2	
	EL2x58ngn		2	
	EL2x58s		2	
	PC 1/58 T8 INDUSTRY	86 458 037	1	
	PC 1/58 T8 PRO	22 176 094	1	· ·
	PC 1x58 T8 PRO lp	22 185 215	1	
	PC 2/58 T8 INDUSTRY	86 458 038	2	
5	PC 2x58 E011		2	
TRI DONIC ATCO	PC 2x58 E011 IDC	22 083 174	2	
O	PC 2x58 T8 PRO sl	22 185 218	2	
TRI	PC 1x58 T8 TOP sl	22185224	1	
	1 0 100 10 101 30	22.03227	<u> </u>	



22185227

22 085 286 28 000 040

PC 2x58 T8 TOP sl

PCA 1/58 excel one4all

PCA 2x58 EXCEL One4all Ip

# CorePro LEDtube Universal HO - 1500 mm



### **Ballast** Compatibility

#### **KEY**

Ballast is compatible

Ballast is compatible, light output may differ >10% compared to specifications

Ballast is not compatible

Ballast is not compatible

This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions

	InstantFit*	CorePro LEDtube UN 1500mm HO 18W8xx T8		
	High Frequency ballast (HF)			Model number / EOC code: 9290018695 / 871869680172700 9290018696 / 871869680174100 9290018697 / 871869680176500
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	ELXc 158.201	188315	1	
	ELXc 158.209	188706	1	
ABE	ELXc 158.218	188870	1	
H.	ELXc 258.203	188317	2	
F-S	ELXc 258.210	188707	2	
VOSSLOH-SCHWABE	ELXc 258.219	188871	2	
Š	ELXe 258.222	188130	2	
	ELXe 258.222	188130	1	
	ELXe 158.524	188024	1	
	BCD58.1F-01/220-240/1-10V	1009 7145	1	
	BCS58.1FX-11/220-240	1007 7592	1	
8	BCS58.2FX-11/220-240	1007 7593	2	
Ę	BCS58.2SX-01/220-240	1005 1003	2	
BAG-HUECO	BCS58.1SR-01/220-240		1	•
/8	D 58.1-23021 E	166 072	1	
	D 58.2-23021 E	166 082	2	•
	SCS58.2SR-11/220-240	166 272	2	
	D58.1-23021E		1	
Trilux	DD58.1-23031E		1	
	D58.2-23021E		2	•
t e	MCU 158		1	
May + Christie	MCU 258		2	
	Direct Mains (only one single side supply)			
Others	Electro Magnetic Ballast			

#### General note Philips CorePro LEDtube Universal HO

General notes: Philips LEDtubes Universal T8 are designed to work on HF ballasts, or EM ballast, or direct mains connection.

For HF ballast connection: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

Please note that Philips LEDtubes Universal T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes Universal T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. 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 HF 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  $\underline{www.philips.com/ledtube}$ 

**Dimming a LEDtube:** Philips CorePro LEDtubes Universal HO 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.

For EM ballasts or direct mains connection: Please refer to the installation guide.





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