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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
Ballast is not compatible

	InstantFit*			MAS LEDtube HF 1200mm HO 26W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EAN code: 9290023520 / 8718699749514 9290023521 / 8718699749538 9290023522 / 8718699749552
	Ballast type	12nc	Lamps on ballast	AC (50Hz) 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	
	HF-R 154 TL5 220-240	9137001291	1	•
	HF-R 254 TL5 EII	9137006089	2	
	HF-R DALI 154 TL5 220-240	9137001335	1	•
	HF-R Es 154 TL5	9137006618	1	dim
PHILIPS	HF-R Es 254 TL5	9137006619	2	
푼	HF-R TD 154 TL5 EII 220-240	9137006064	1	* / dim (3)
	HF-S 154 TL5 II	9137130336	1	
	HF-S 254 TL5 II	9137130337	2	· · · · · · · · · · · · · · · · · · ·
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	· · · · · · · · · · · · · · · · · · ·
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	* / dim
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	* / dim (1)
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	•
	HF-P 254/255 TL5 HO/PL-L III IDC	9137130283	2	
	HF-R 154 TL5 220-240	9137006088	1	•
	HF-R TD 254 TL5 EII	9137006065	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	(1)
	QT-FIT 5/8 1x54-58		1	
	QT-FIT 5/8 2x54-58		2	•
	QTP-OPTIMAL 1x54-58		1	
	QTP-OPTIMAL 2x54-58		2	
	Qti 1x28/54/35/49 GII		1	•
	Qti 2x28/54/35/49 GII		2	•
AM	QTP5 1x54		1	
OSRAM	QTP5 2x54		2	
	QT-FQ 1x54/230-240		1	•
	QT-FQ 2x54/230-240 DIM		2	
	Qti 1x28/54 DIM		1	dim
	Qti 2x28/54 DIM		2	•
	Qti DALI 1x28/54 DIM		1	dim
	Qti DALI 2x28/54 DIM		2	•
	EL1×54iDim		1	· · · · · · · · · · · · · · · · · · ·
	EL1×54sc		1	· · · · · · · · · · · · · · · · · · ·
O*	EL1x54ngn5		1	· · · · · · · · · · · · · · · · · · ·
HELVAR	EL1x54s		1	
뿌				

EL2×54iDim EL2×54sc EL2x54ngn5

General notess MASTER LEDtube HF InstantFit T5 HO - 1200 mm

General notess: 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.



⁽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

MASTER LEDtube HF InstantFit T5 HO - 1200 mm



Ballast Compatibility

KEY

Ballast is compatible This document is for information	
	n purposes and must be treated as oted to provide best results, results are genera-
Dim Ballast is compatible and conditional released for dimming ted in lab controlled environment conditions	nt and may differ from actual application
Ballast is not compatible	

	InstantFit*			MAS LEDtube HF 1200mm HO 26W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EAN code: 9290023520 / 8718699749514 9290023521 / 8718699749538 9290023522 / 8718699749552
	Ballast type	12nc	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	PC 1/54 T5 INDUSTRY	89800458	1	* / (1)
	PC 1x54 T5 PRO lp	22185155	1	•
	PC 1x54 T5 TOP lp	22185165	1	
	PC 2/54 T5 INDUSTRY	89800459	1	* / (1)
0	PC 2x54 T5 PRO lp	22185156	2	•
ATC	PC 2x54 T5 TOP lp	22185166	2	•
SNC	PCA 1x54 T5 BASIC lp	22185088	1	· · · · · · · · · · · · · · · · · · ·
TRIDONICATCO	PCA 2x54 T5 BASIC lp	22185089	2	
_	PCA 1x28/54 T5 ECO lp	22185099	1	
	PCA 2x28/54 T5 ECO lp	22185100	2	
	PCA 1x28/54 T5 EXCEL one4all lp	22185108	1	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	
	PCA 2x28/54 T5 EXCEL one4all lp	22185109	2	
	ELXc 254.865	188618	2	
ABE	ELXc 154.633	188946	1	•
VOSSLOH-SCHWABE	ELXd 154.611	188340	1	dim
H-SC	ELXd 254.612	188341	2	•
SSLO	ELXd 154.603	188332	1	dim
000	ELXd 254.604	188333	2	•
	ELXc 254.636	188949	2	
	BCS54.1FX-11/220-240	10077585	1	•
	BCD54.1F-01/220-240/1-10V	10097248	1	
	BCS54.2FX-11/220-240	10077586	2	
	BCS54.1FR-01/220-240	10075881	1	
	MLS80.1FR-11/220-240	10071608	1	•
BAG-HUECO	MLS80.1/54.2FR-11/220-240	10071609	2	•
로	MLS80.1/54.2FR-11/220-240	10071609	1	
BAG	MLS80.1F-01/220-240	166312	1	
	BCD54.2F-01/220-240/1-10V	10097298	2	
	MLD54.1FR-11/220-240/DALI	10097815	1	•
	MLD54.2FR-11/220-240/DALI	10092121	2	
	MLD80.1FR-11/220-240/DALI	10097820	1	•
	MLS54.2F-01/220-240	166412	2	
170	BTLT 154	137998/154	1	
-	BTLT 254	137999/54	2	•
Others	Direct mains			

General notess MASTER LEDtube HF InstantFit T5 HO - 1200 mm

General notess: 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.



⁽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

MASTER LEDtube HF InstantFit T5 HO - 1500 mm



Ballast Compatibility

KEY

ated as recommen- e generated in lab
tion conditions
2 g

	InstantFit			MAS LEDtube HF 1500mm HO 26W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EAN code: 9290023523 / 8718699749576 9290023524 / 8718699749590 9290023525 / 8718699749613
	Ballast type	12nc	Lamps on ballast	AC (50Hz) 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	* / (1)
	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 (3)
	HF-S 149 TL5 II	9137130334	1) dilli(5)
	HF-S 249 TL5 II	9137130335	2	
	HF-R Es 249 TL5	9137006621	2	* / (1)
	HF-P Xt 249 TL5 EII 220-240	9137006298	2	7 ()
	HF-P 249 TL5 220-240	9137001324	2	* / (1)
	HF-R Es 149 TL5	9137006620	1	dim
တ			1	diffi
PHILIPS	HF-P Xt 149 TL5 EII 220-240	9137006297	1	
立	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956		* / dim
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1	* / dim
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	<u> </u>
	HF-R 149 TL5 EII	9137006086	1	<u> </u>
	HF-Pi 128/35/49/80 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	<u> </u>
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	* / (1)
	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	•
	HF-R 149 TL5 EII 220-240	9137006086	1	dim
	HF-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1	* / dim
	HF-Ri TD135/49/80TL5E+	9137006559	1	* / dim
	HF-Ri TD 1 28/35/49/54 TL5 E	9137006560	1	
	QT-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	
	Qti 1x28/54/35/49 GII		1	
OSRAM	Qti 1x35/49/80 DIM		1	* / dim (2)
OSF	Qti IX35/49/80 DIM Qti DALI 1x35/49/80 DIM		1	* / dim (2)
			2	/ dilli
	Qti 2x35/49/80 GII			
	Qti 2x28/54/35/49 GII		2	
	Qti 2x35/49 DIM		2	<u> </u>
	Qti 2x35/49/80 DIM		2	
	Qti DALI 2x35/49/80 DIM		2	* / dim (3)

Qti DALI2x35/49 DIM

QTP51x49(longerVERSION)

General notess MASTER LEDtube HF InstantFit T5 HO - 1500 mm $\,$

General notess: 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.

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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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.



* / dim (3)

⁽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

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 ger ted in lab controlled environment and may differ from actual application
	Ballast is not compatible	conditions

				MAS LEDtube HF 1500mm
	InstantFit*			HO 26W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EAN code: 9290023523 / 8718699749576 9290023524 / 8718699749590 9290023525 / 8718699749613
	Ballast type	12nc	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	EL1X49ngn5		1	•
	EL1x49s		1	•
9	EL1x49s-u		1	•
HELVAR	EL2x49s		2	
Ξ.	EL1×49iDim		1	* / (1)
	EL1×49sc		1	* / (1)
	EL2×49iDim		2	* / (1)
	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	
	PC 2x49 T5 PRO lp	22185154	2	
	PC 2x49 T5 TOP lp	22185164	2	
TRIDONIC ATCO	PCA 2/49 T5 ECO lp	22089499	2	· · · · · · · · · · · · · · · · · · ·
NC	PC 1/14-35/49/80 T5 PRO-M lp	22176184 22185096	1	
E E	PCA 1x35/49/80 T5 ECO lp PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	* / dim (3)
_	PCA 1x49 T5 BASIC lp	22185082	1	* / dim (3)
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
	PCA 2x49 T5 BASIC lp	22185083	2	
	PCA 2x35/49 T5 ECO Ip	22185097	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	· ·
	PC1x49T5INDUSTRY	86458039	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22176172	1	•
	PC 2/54 T5 PRO Ip	22176100	2	
	ELXd 249.614	188343	2	
	ELXc 154.633	188946	1	
	ELXc 180.634	188947	1	
	ELXd 180.613	188342	1	* / dim (2)
VOSSLOH-SCHWABE	ELXd 180.605	188334	1	* / dim
SCF	ELXc 149.234	183116	1	
충	ELXc 254.636	188949	2	
OSSI	ELXc 280.637	188950	2	•
>	ELXd 249.606	188335	2	* / dim (3)
	ELXd 280.631	188605	2	* / dim (3)
	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	* / dim
	MLS80.1/54.2FR-11/220-240	10071609	1	
8	MLS80.1FR-11/220-240	10071608	1	•
BAG-HUECO	MLD80.1FR-11/220-240/DALI	10097820	1	•
AG-I	SCS49.1F-01/220-240		1	•
Δ.	MLD54.2FR-11/220-240/DALI	10092121	2	
	BCD49.2F-01/220-240	10097297	2	
	MLD80.2FR-11/220-240/DALI	10101905	2	
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240 MLS80.1F-01/220-240	10071609	1	
			'	
2	BTLT 149	137998/149	1	
-	BTLT 249	137999/49	2	
Others	Direct mains			
윰	Direct mains			

(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

General notess MASTER LEDtube HF InstantFit T5 HO - 1500 mm $\,$

General notess: 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 ballasts 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.



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 recomn dation. Philips attempted to provide best results, results are generated in lecontrolled environment and may differ from actual application conditions
	Dim	Ballast is compatible and conditional released for dimming	
ĺ		Ballast is not compatible	
ſ		Rallast LEDtube combination not tested	

	InstantFit*			MAS LEDtube HF 1500mm UO 36W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290013461A / 871869670599500 9290013462A / 871869670603900 9290013463A / 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	*
	HF-P Xt 280 TL5 EII 220-240	9137006302	2	
Sc	HF-R 180 TL5/PLL EII	9137006090	1	* / Dim
PHILIPS	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	
	HF-P 180 TL5/PL-L EII 220-240	9137001989	1	
	HF-P 280 TL5/PL-L EII 220-240	9137006017	2	dim
	QT-FQ 1x80/230-240		1	
AM	QT-FQ 2x80		2	
OSRAM	QTP5 1x80		1	
	Qti 1x35/49/80 GII		1	•
~	EL1x80iDim		1	
HELVAR	EL1x80sc		1	
뽀	EL2x80iDim		2	
		89800460	1	
	PC 1/80 T5 INDUSTRY PC 1x80 T5 PRO lp	22185209	1	
	PC 2/80 T5 INDUSTRY	89800461	2	
	PC 2x80 T5 PRO lp	22185210	2	
8	PCA 1×80 T5 BASIC Ip	22185084	1	dim
TRIDONICATCO	PCA 2x80 T5 BASIC lp	22185085	2	dim
ONIC	PCA 2x80 T5 ECO lp	22185098	2	
TRI	PCA 2x80 T5 EXCEL one4all lp	22185107	2	
	PC 1/80 T5 PRO lp	22087618	1	
	LUXMATE PCA 1/80 T5 ECO		1	•
	PCA 1/80 T5 ECO lp		1	dim
	PCA 2/80 T5 EXCEL one4all lp		2	dim
	ELXc 180.866	188144	1	
VOSSLOH- SCHWABE	ELXc 280.538	188619	2	
SSSL	ELXc 180.634	188947	1	· · · · · · · · · · · · · · · · · · ·
> x	ELXc 280.637	188950	2	
	BCS80.1FX-11/220-240	10077587	1	
	BCS80.2FX-11/220-240	10095407	2	
	BCD80.2F-01/220-240/1-10V	10097299	2	dim
8	MLD80.1F-01/220-240/1-10V	166102	1	dim
BAG-HUECO	SCS80.2F-01/220-240	166692	2	
AG-I	MLS80.1/54.2FR-11/220-240	10071609	1	
B	MLS80.1FR-11/220-240	10071608	1	
	MLD80.1FR-11/220-240/DALI	10097820	1	
	MLD80.2FR-11/220-240/DALI	10101905	2	
S				
Others	Direct mains			

General notes Philips Master LEDtube HF InstantFit T5 UO

General notess: 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.



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 recommen-
Dim	Ballast is compatible and conditional released for dimming	dation. Philips attempted to provide best results, results are generated in l
	Ballast is not compatible	controlled environment and may differ from actual application conditions
	Pallact I FDtube 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 9290013909 / 871869674327000
	Ballast type	12nc	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	HF-E 114 TL5 II	9137130414	1	
	HF-E 214 TL5 II	9137130415	2	
	HF-E 3/414 TL5 II	9137130413	3	
	HF-E 3/414 TL5 II	9137130413	4	
	HF-P114-35 TL5 HE III IDC	9137130310	1	
	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	
<u>P</u>	HF-P 3/414 TL5 III IDC	9137130339	3	
PHILIPS	HF-P 3/414 TL5 III IDC	9137130339	4	
	HF-P 3/4 14 TL5 EII 220-240	9137006013	3	
	HF-P 3/4 14 TL5 EII 220-240	9137006013	4	
	HF-R 114 TL5 220-240	9137001287	1	
	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	
	QT-FIT5 1x14-35		1	
	QT-FIT5 2x14-35		2	
	QT-FIT5 3x14, 4x14		3	
MΑ	QT-FIT5 3x14, 4x14		4	
OSRAM	QTP5 1x14-35		1	
_	QTP5 2x14-35		2	
	QTP5 3x14, 4x14		3	
	QTP5 3x14, 4x14		4	
			1	
HELVAR	EL1x14-35ngn5 EL2x14-35ngn5		2	
로	EL2x14-35IIg15		2	
	ELZXIH-3JW		2	
		22185157	1	
	PC 2×14-28 T5 TOP lp	22185158	2	
TRIDONICATCO	PC 3/4×14 T5 TOP lp	22185220	3	
NCA	PC 3/4×14 T5 TOP lp	22185220	4	
<u>o</u>	PC 1×14-35 T5 PRO lp	22185147	1	
¥	PC 2×14-35 T5 PRO lp	22185148	2	
	PC 3/4×14 T5 PRO lp	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	
田크	BCS35.1FX-11/220-240	10077579	1	
ELT	BE - 214-35 - T5		2	
	DE 217-33-13			
thers	Direct mains			

General notes Philips Master LEDtube HF InstantFit HE T5

General notess: 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.



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

	InstantFit*			MAS LEDtube HF 1200mm HE 16.5W 8xx T5
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290013910 / 871869674329400 9290013911 / 871869674331700 9290013912 / 871869674333100
	Ballast type	12nc	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible
	EB-C 128 TL5	9137131964	1	the state of the s
	EB-C 228 TL5	9137131971	2	
	EB-Ci 1-2 14-28W	9137130432	1	
	EB-Ci 1-2 14-28W	9137130432	2	· ·
	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	
품	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-R 114-35 TL5 EII	9137006198	1	
	HF-R 214-35 TL5 EII	9137006195	2	
	HF-S 114-35 TL5 II	9137130429	1	
	HF-S 214-28 TL5 II	9137130430	2	
	QT-FIT5 1x14-35		1	The second secon
	QT-FIT5 2x14-35		2	· · · · · · · · · · · · · · · · · · ·
_	QTP5 1x14-35		1	
OSRAM	QTP5 2x14-35		2	
ő	EZP5 1×28/220-230		1	
	EZP5 2×28/220-230		2	
	Qti 2x35/49		2	
	EL1x14-35ngn5		1	
Æ	EL1x14-35ngn5		2	
HELVAR	EL1x14-35s-u		1	
	EL1x14-35s		1	
		22105157	1	
NO OS	PC 1×14-35 T5 TOP lp	22185157 22185147	1	
TRIDONIC	PC 1×14-35 T5 PRO lp PC 2×14-35 T5 PRO lp	22185147	2	
		22105140	2	
VOSSLOH- SCHWABE	ELXc 135.220	188921	1	
BAG- HUECO	BCS35.1FX-11/220-240	10077579	1	
H	BE - 214-35 - T5		2	

General notes Philips Master LEDtube HF InstantFit HE T5

General notess: 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

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 recommen-
Dim	Ballast is compatible and conditional released for dimming	dation. Philips attempted to provide best results, results are generated in
	Ballast is not compatible	controlled environment and may differ from actual application conditions
	Rallast 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	
	HF-S 2 14-35 TL5 HE II	9137130421	2	
PHILIPS	HF-R Es 114-35 TL5	9137006616	1	* /Dim
품	HF-R Es 214-35 TL5	9137006617	2	* /Dim
	HF-R 114-35 TL5 EII	9137006198	1	
	HF-R 214-35 TL5 EII	9137006195	2	
	HF-S 114-35 TL5 II	9137130429	1	
	QT-FIT5 1x14-35		1	
5	QT-FIT5 2x14-35		2	
OSRAM	QTP5 1x14-35		1	
Õ	QTP5 2x14-35		2	
	Qti 1x35/49/80		1	
HELVAR	EL1x14-35ngn5		1	•
量	EL2x14-35ngn5		2	
8	PC 1×14-35 T5 TOP lp	22185157	1	
TRIDONICATCO	PC 2×35 T5 TOP lp	28000047	2	•
NOO	PC 1×14-35 T5 PRO lp (production date before 2014)	22185147	1	
핕	PC 2×14-35 T5 PRO lp	22185148	2	•
VOSSLOH- SCHWABE	ELXc 135.220	188921	1	
., 0	BCS35.1FX-11/220-240	10077579	1	
BAG- HUECO	EL1x14-35ngn5		1	•
EL	BE - 214-35 - T5		2	•
Others	Direct mains			

General notes Philips Master LEDtube HF InstantFit HE T5

General notess: 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.



MASTER LEDtube HF InstantFit T8 - 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 recommen-
Dim	Ballast is compatible and conditional released for dimming	dation. Philips attempted to provide best results, results are generated in lab
	Ballast is not compatible	controlled environment and may differ from actual application conditions
	Pallact I FDt ha combination not tested	_

	InstantFit*	MASTER LEDtube HF, Instant Fit 600mm HF 1050lm		
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290013931A / 871869674353900 9290013932A / 871869674355300 9290013933A /871869674367600
	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	· · · · · · · · · · · · · · · · · · ·
	HF-S 3/4x18 TLD II	9137130326	4	
	HF-Matchbox 1x18 Blue	9137004180 / 9137004179	1	· · · · · · · · · · · · · · · · · · ·
	HF-Matchbox 1x18 RED		1	· · · · · · · · · · · · · · · · · · ·
	HF-P 3/4x18 TLD III IDC	9137130314	3	
S	HF-P 3/4x18 TLD III IDC	9137130314	4	
PHILIPS	HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD)	9137130390	2	
Δ.	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	
	HF-R 318 TL-D EII	9137006295	3	
	HF-R 418 TL-D EII	9137006146	4	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006983	1	
	QTP8 1x18		1	the second secon
	QTP8 2x18		2	•
	QT-FIT8 1x18		1	•
	QT-FIT8 2x18		2	
ΑM	QT Fit 5/8 1x18-39		1	
OSRAM	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	•
/AR	EL 3/4x18ngn		4	
HELVAR	EL 3/4x18ngn		3	
	EL1x18s		1	•



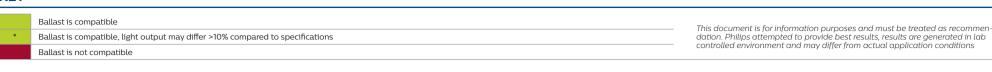
EL 4x18ngn

MASTER LEDtube HF InstantFit T8 - 600 mm



Ballast Compatibility

KEY



	Works with High Frequency ballast (HF) InstantFit™ Instant Fit™ Inst			MASTER LEDtube HF, Instant Fit 600mm HF 1050lm Model number / EOC code: 9290013931A / 871869674353900 9290013932A / 871869674355300 9290013933A /871869674367600
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	PC 118 PRO Ip	22185213	1	
	PC 218 PRO lp	22185216	2	
	PC 1X18-24W BASIC	22176000	1	The second secon
	PC 1x18 T8 TOP sl	22185222	1	
TRIDONICATCO	PC 3/4X18 TOP Ip	22185219 / 22185228	3	
N	PC 3/4X18 TOP Ip	22185219 / 22185228	4	
SE .	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	
F	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	
4BE	ELXc 236.208		2	•
N H	ELXc 424.379	188116	3	•
H-SC	ELXc 424.379	188116	4	
VOSSLOH-SCHWABE	ELXc 418.204	188318	3	
NO NO	ELXc 418.204	188318	4	
	ELXc 136.207		1	
0	BCS18.1FX-11/220-240	1007 7588	1	
I DEC	BCS18.2FX-11/220-240	1007 7589	2	
BAG-HUECO	BCS18.3-4LR-01/220-240 3lamp	1005 0999	3	
BA	BCS18.3-4LR-01/220-240 4lamp	1005 0999	4	
ers	Direct mains			
Others	Electro Magnetic Ballast			
	I .			

General notes Philips Master LEDtube HF InstantFit T8

General notess: 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

		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 recommen-
	Dim	Ballast is compatible and conditional released for dimming	dation. Philips attempted to provide best results, results are generated in lab
Ì		Ballast is not compatible	controlled environment and may differ from actual application conditions
ſ		Delicat I FDt. he combination not tooked	

Model number / ECC code Model number / ECC code Septimization Model number / ECC code Septimization Procession Septimization Procession Septimization Procession Septimization Septimi		InstantFit*			MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HO, InstantFit 2100lm	MASTER LEDtube 1200mm HF UO, InstantFit 2500lm
##-15 1.0 200-240 9379902 1						9290012843A/B / 871869668752900 9290012841A/B / 871869668748200	9290013002A/B / 871869668800700 9290013000A/B / 871869668796300
#FB D8 TLD 220 240 #FB D8 TLD 120-240 #FB D8 TLD 12		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
##-8 26 TLD 20-240 ##-9 20-240 ##-9 26 TLD 20-240 ##-9 18 TLD 2		EB-C 136 TL-D 220-240	9137131992	1			
#F-236 TL-0 220-240 #F-236 TL-0 II #F-236 TL-0 II #F-236 TL-0 II #F-236 TL-0 II #F-236 TL-0 III #F-236		HF-B 136 TLD 220-240	9137001122	1			•
##- 236 TLD EI IZO 240 #F- 236 TLD II #F- 236 TLD III #F-		HF-B 136 TLD EII 220-240	9137001926	1			•
#FE 186 Tu D II HFE 236 Tu D III HFE 236 Tu		HF-B 236 TL-D 220-240	9137001124	2			•
## F2 28 Ti-D 913790391 2		HF-B 236 TLD EII 220-240	9137001928	2		•	
## F-236 TL-D II		HF-E 136 TL-D II	9137130410	1			
NF-K 136 TLD 2012-02-02 NF-P 136 TLD BIDC		HF-E 236 TL-D	9137130391	2			
NEF- DEFILO BLDC		HF-E 236 TL-D II	9137130411	2			
HF-P 236 TL-D III IDC		HF-K 136 TLD 220-240	9137001477	1		•	•
#F-P 326 TL-D III DC #F-P 326 TL-D III DC #F-P 326 TL-D III DC-2400 #F-P 326 TL-D III DC-24000		HF-P 136 TL-D III IDC	9137130315	1			
HF-PX136TLD EII 220-240		HF-P 236 TL-D III IDC	9137130316	2			
#F- PXT 236 TLD BIT 220-240 9137006178 2		HF-P 336 TL-D III IDC	9137130317	3			•
HF-P136 TLD Eli 220-240 HF-P136 TLD Eli 220-240 HF-P136 TLD Eli 220-240 HF-P136 TLD Eli 913706692 HF-R136 TLD Eli 913706693 1 HF-R136 TLD 20-240V50/60H2 HF-R136 TLD 20-240V50/60H2 HF-R136 TLD 20-240V50/60H2 HF-R136 TLD 20-240V50/60H2 HF-R150 TLM/2//2/39TLS E+ 913706893 HF-R150 TLM/2/2/39TLS E+ 913706894 HF-R150 TLM/2/2/39TLS E+ 913706894 HF-R150 TLM/2/2/39TLS E+ 913706894 HF-R15 TLM/2/2/39TLS E+ 913706894 HF-R15 TLM/2/2/39TLS E+ 913706894 HF-R15 TLM/2/2/39TLS E+ 913706894 HF-S186 TLD II 913730321 HF-P18/36 TLD II 913730321 HF-P18/36 TLD II 91373031 HF-P18/36 TLD II 91373031 HF-P18/36 TLD II 91373031 HF-P18/36 TLD II 91373031 HF-P18/26 TLD II 913730324 TH-S18/36 TLD		HF-P Xt 136 TLD EII 220-240	9137006177	1			•
HF-P114/27/24/39TL5E I	S	HF-P XT 236 TLD EII 220-240	9137006178	2			•
HF-P114/27/24/39TL5E I	₽	HF-P 136 TLD EII 220-240	9137001911	1			•
HF-R135TL-D EII	ᅕ	HF-P 236 TLD 230-240	9137001112	2			•
HF-R 226 TL-D EII 913706093 2 1 HF-R150 TL-D 220-240V 50/60Hz 913700117 1 HF-R1TD 11/4/12/43/93TLS E+ 9137066984 2 HF-R1TD 2 14/21/24/93TLS E+ 9137066984 2 HF-S 136 TL-D II 9137130321 1 HF-S 236 TL-D II 9137130324 2 1 HF-P 18/36 TL-D II 9137130321 1 HF-P 18/36 TL-D II 9137130321 1 HF-P 18/36 TL-D II 9137130315 1 HF-P 18/36 TL-D II 9137130316 2 HF-S 18/26 TL-D II 9137130321 1 HF-S 18/26 TL-D II 9137130324 2 1 HF-S 28/236 TL-D II 9137130324 2 1 HF-S 28/236 TL-D II 9137130324 2 1 HF-S 28/236 TL-D II 9137130324 2 1 QT-FITS k36		HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1			
HF-R 136 TL-D 220-240V 50/60Hz HF-R 17D 114/21/24/39TL5 E+ HF-R 17D 14/21/24/39TL5 E+ HF-R 17D 14/21/24/39TL5 E+ HF-R 17D 14/21/24/39TL5 E+ HF-S 136 TL-D II HF-S 136 TL-D II HF-S 236 TL-D II HF-S 236 TL-D II HF-S 236 TL-D III HF-P 118/136 TL-D III HF-S 218/236 TL-D II HF-S		HF-R 136 TL-D EII	9137006092	1		Dim	Dim
HF-Ri TD 114/21/24/39TL5 E+ 9137006984 2 HF-R TD 214/27/24/39TL5 E+ 9137006984 2 HF-S 136 TL-D II 9137130322 1 HF-S 236 TL-D II 9137130327 3 HF-P TIB/136 TL-D II 9137130315 1 HF-P S 18/136 TL-D II 9137130316 2 HF-S 18/136 TL-D II 9137130316 2 HF-S 28/236 TL-D II 9137130324 2 QT-FITB 236		HF-R 236 TL-D EII	9137006093	2			
HF-Ri TD 2 14/21/24/39TL5 E+ 9137006984 2 HF-S 136 TL-D II 9137130321 1 HF-S 336 TL-D II 9137130327 3 HF-P 118/136 TL-D III 9137130327 3 HF-P 118/136 TL-D III 9137130315 1 HF-S 18/236 TL-D II 9137130316 2 HF-P 2 18/236 TL-D II 9137130316 2 HF-P 2 18/236 TL-D II 9137130324 2 UT-P 118 \tau 36 1 UT-P 2 18/236 TL-D II 9137130324 2 UT-P 118 \tau 36 1 UT-P 2 18/236 TL-D II 9137130324 2 UT-P 118 \tau 36 1 UT-P 2 18/236 TL-D II 9137130324 2 UT-P 118 \tau 36 1 UT-P 118 \tau 36 1 UT-P 2 18/236 2 UT-P 118 \tau 36 1 UT-P 2 18/236 2 UT-P 2 18/236 2		HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1			
HF-S 136 TL-D II 9137130321 1 1 HF-S 236 TL-D II 9137130327 3 3 HF-P 118/136 TL-D III 9137130315 1 1 HF-S 118/136 TL-D III 9137130316 2 1 1 HF-S 218/236 TL-D III 9137130316 2 2 1 HF-S 218/236 TL-D III 9137130324 2 2 1 1 HF-S 218/236 TL-D III 9137130324 2 2 1 1 QT-FITB 1x36 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		HF-Ri TD 114/21/24/39TL5 E+	9137006983	1			
HF-S 236 TL-D II 9137130324 2 HF-S 136 TL-D II 9137130327 3 HF-P 118/136 TL-D II 9137130315 1 HF-S 218/236 TL-D II 9137130316 2 HF-S 218/236 TL-D II 9137130324 2 QT-FIT8 1x36 1 1		HF-Ri TD 2 14/21/24/39TL5 E+	9137006984	2			
HF-S 336 TL-D 9137130327 3 HF-P 118/136 TL-D 9137130315 1 HF-S 118/136 TL-D 9137130315 1 HF-S 218/236 TL-D 9137130324 2 HF-S 218/236 TL-D 9137130324 2 OT-FITB 1x36 1 OTPB 1x36 1 OTPB 1x36 1 OTP-OPTIMAL 1x18-40 1 OTP-OPTIMAL 2x18-40 2 OTF-IT5/8 2x18-39 2 OTF-IT5/8 2x18-39 1 ELix36/HF ELix36ngn 1 Elix36ngn 1		HF-S 136 TL-D II	9137130321	1			•
HF-P 118/136 TL-D III		HF-S 236 TL-D II	9137130324	2			
HF-S 118/136 TL-D 9137130321 1 HF-P 218/236 TL-D 9137130316 2 HF-S 218/236 TL-D 9137130324 2 UT-FIT8 1x36		HF-S 336 TL-D II	9137130327	3			•
HF-P 218/236 TL-D 9137130316 2		HF-P 118/136 TL-D III	9137130315	1			
#F-S 218/236 TL-D II 9137130324 2 OT-FITS 1x36		HF-S 118/136 TL-D II	9137130321	1			
Variable		HF-P 218/236 TL-D III	9137130316	2			
QT-FIT8 2x36 2 2 2 2 2 2 2 2 2		HF-S 218/236 TL-D II	9137130324	2			
QT-FIT8 2x36 2 2 2 2 2 2 2 2 2		OT FIT9 1v26		1			
QTP8 1x36 1 QTP8 2x36 2 QTP-OPTIMAL 1x18-40 1 QTP-OPTIMAL 2x18-40 2 QT-FIT 5/8 2x18-39 2 EL1x36/40/18S 1 EL1x36HF 1 EL1x36ngn 1 EL2x36/40s 2				ļ ·			
QTP8 2x36 2							
QTP-OPTIMAL 2x18-40 2	ΑM			ļ.			
QTP-OPTIMAL 2x18-40 2 QT-FIT 5/8 2x18-39 2 EL1x36/40/18S 1 EL1x36HF 1 EL1x36ngn 1 EL2x36/40s 2	OSF						
QT-FIT 5/8 2x18-39 2 EL1x36/40/18S 1 EL1x36HF 1 EL1x36ngn 1 EL2x36/40s 2		•					
EL1x36/40/18S 1 EL1x36HF 1 EL1x36ngn 1 EL2x36/40s 2							
EL1x36HF 1 EL1x36ngn 1 EL2x36/40s 2 EL2x36/40s 2 EL3x36HF 2 EL3x36HF 3 E		Q1-F11 5/6 2x16-39		2			
EL1x36ngn 1 1		EL1x36/40/18S				*	*
EL2X30/40S 2	Ä	EL1x36HF		1			
EL2X30/40S 2	IELV/					*	
EL2x36ngn 2	I	EL2x36/40s				*	*
		EL2x36ngn		2			



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 recommen-
	Dim	Ballast is compatible and conditional released for dimming	dation. Philips attempted to provide best results, results are generated in lab
		Ballast is not compatible	controlled environment and may differ from actual application conditions
Ī			

	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/B / 871869668752900 9290012841A/B / 871869668748200 9290012842A/B /871869668750500	Model number / EOC code: 9290013002A/B / 871869668800700 9290013000A/B / 871869668796300 9290013001A/B / 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		•	•
TRIDONICATCO	PC2x36 T8 PRO sl	22185217	2		•	•
NOO	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		•	•
\BE	ELXc 136.207	188708	1		•	•
HX.	ELXc 236.202	188316	2		•	•
VOSSLOH-SCHWABE	ELXc 236.208	188705	2		•	•
SLO	ELXe 238.527	188137	2			
008	ELXe 238.527	188137	1			
_	BCS36.1FX-11/220-240	10077590	1			
BAG-HUECO	BCS36.2FX-11/220-240	10077591	2			
루	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 notes Philips Master LEDtube HF InstantFit T8

General notess: 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: 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.



MASTER LEDtube HF InstantFit T8 - 1500 mm



Ballast Compatibility

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 recommen-
Dim Ballast is compatible and conditional released for dimming	dation. Philips attempted to provide best results, results are generated in lab
Ballast is not compatible	controlled environment and may differ from actual 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/B / 871869668758100 9290012844A/B / 871869668754300 9290012845A/B / 871869668756700	Model number / EOC code: 9290013005A/B / 871869668806900 9290013003A/B / 871869668802100 9290013004A/B / 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	•	•
Δ.	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		
	OT Deluxe HF 1x58 230-240 DIM		1		
	OT Deluxe HF 2x58 230-240 Dim		2		
	QT-FIT8 1x58-70		1		
	QT-FIT8 2x58-70		2		
	QTP8 1x58		1		
M	QTP8 2x58		2		
OSRAM	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	<u>.</u>	1		
			1		
<u>~</u>	EL1x58s EL2x58es		2		
HELVAR	EL2x58HF		2		
Ξ.	EL2x58ngn		2		
	EL2x58s		2		
		<u> </u>			
	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		



MASTER LEDtube HF InstantFit T8 - 1500 mm



Ballast Compatibility

Electro Magnetic Ballast

KEY

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

	Ballast LEDtube combination not tested					
	Ballast Leditude combination not tested					
	Works with High Frequency ballast (HF) InstantFit™ MASSILE PRITE PRIT			MASTER LEDtube 1500mm HF HO, InstantFit 3100lm Model number / EOC code: 9290012846A/B / 871869668758100	MASTER LEDtube 1500mm HF UO, InstantFit 3700lm Model number / EOC code: 9290013005A/B / 871869668806900	
				9290012844A/B / 871869668754300 9290012845A/B / 871869668756700	9290013003A/B / 871869668802100 9290013004A/B / 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			
ABE	ELXc 158.218	188870	1			
VOSSLOH-SCHWABE	ELXc 258.203	188317	2			
H-SC	ELXc 258.210	188707	2	The second secon	•	
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	Dim / *	Dim / *	
	BCS58.1FX-11/220-240	1007 7592	1			
8	BCS58.2FX-11/220-240	1007 7593	2			
BAG-HUECO	BCS58.2SX-01/220-240	1005 1003	2			
AG-	D 58.1-23021 E	166 072	1	•	•	
ш	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			
+ tie	MCU 158		1			
May + Christie	MCU 258		2			
sıs	Direct mains					

General notes Philips Master LEDtube HF InstantFit T8

General notess: 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: 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.



MASTER LEDtube Universal T8 - 600 mm



Ballast Compatibility

	Ballast is compatible	This do not his facility of the state 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 gen ted in lab controlled environment and may differ from actual application conditions
	Ballast is not compatible	
	Ballast LEDtube combination not tested	

	Works with High Frequency ballast (HF)			CorePro LEDtube UN, 600mm HF 900lm Product reference number: 9290024198 / 8718699782771 9290024199 / 8718699782795 9290024200 / 8718699782818
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	HF-P 118 TLD III IDC	9137130312	1	re (soils) sirin sullast compatible
	HF-P 218 TLD III IDC	9137130313	2	*
	HF-S 118 TLD II	9137130313	1	
	HF-S 218 TL-D II 220-240V 50/60Hz	9137130323	2	
	HF-S 3/4x18 TLD II	9137130326	3	
		9137130326		
	HF-S 3/4x18 TLD II		1	
	HF-Matchbox 1x18 Blue	9137004180 / 9137004179	•	<u>_</u>
	HF-Matchbox 1x18 RED	9137004234	1	
	HF-P 3/4x18 TLD III IDC	9137130314	3	
	HF-P 3/4x18 TLD III IDC	9137130314	4	·
	HF-E 418 TL-D II 220-240V 50/60Hz-parl	9137130412	4	
	HF-P 118/136 TL-D III	9137130315	1	
	HF-S 118/136 TL-D II	9137130321	1	•
	HF-Ri TD 114/21/24/39 TL5 E+	9137006983	1	
10	EB-C 118 TLD 220	9137131990	1	
PHILIPS	EB-E 118 TLD 220	9137100604	1	
푼	HF-R 118 TLD EII	9137006203	1	
	HF-P 118 TLD EII 220-240	9137001910	1	
	HF-Pi 114/21/24/39 TL5 EII 220-240	9137006240	1	
	EB-Ci 1-2 36w/1-4 18W	9137130431	1	
	HF-P 218/236 TL-D III 4CIC	9137130316	2	
	HF-P 218/236 TL-D III C2E	9137130316	2	
	HF-S 218/236 TL-D II	9137130324	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
	EB-C 218 TLD 220	9137131991	2	•
	EB-Ci 1-2 36w/1-4 18W	9137130431	2	
	HF-R 318 TL-D EII	9137006295	3	
	EB-C 318 TLD 220	9137131975	3	
	HF-R 418 TL-D EII	9137006146	4	
	EB-C 418 TLD 220	9137131973	4	
	EB-Ci 1-2 36w/1-4 18W	9137130431	3	· · · · · · · · · · · · · · · · · · ·
	EB-Ci 1-2 36w/1-4 18W	9137130431	4	
	QTP8 1x18		1	
	QTP8 2x18		2	
	QT-FIT8 1x18		1	
	QT-FIT8 2x18		2	
OSRAM	QT Fit 5/8 1x18-39		1	
OSF	QTP-OPTIMAL 118-40		1	
	QTP-OPTIMAL 118-40		2	
			3	
	QT-FIT8 3/4X18 QT-FIT8 3/4X18		4	·
	El 1v19ngn		1	
	EL1x18ngn		· ·	
	EL2x18ngn		2	
/AR	EL 3/4x18ngn		3	
HELVAR	EL 3/4x18ngn		4	· · · · · · · · · · · · · · · · · · ·
	EL1x18s		1	
	EL 4x18ngn		4	
	EL2x18s		2	



MASTER LEDtube Universal T8 - 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 genera-
	Ballast is not compatible	ted in lab controlled environment and may differ from actual application conditions
	Ballast LEDtube combination not tested	Conditions

	Works with High Frequency ballast (HF)	CorePro LEDtube UN, 600mm HF 900lm Product reference number: 9290024198 / 8718699782771 9290024199 / 8718699782795		
	Ballast type	10nc / Ref. no.	Lamps on ballast	9290024200 / 8718699782818 AC (50Hz) on HF Ballast Compatible
	PC 118 PRO Ip	22185213	1	
	PC 218 PRO lp	22185216	2	•
	PC 1X18-24W BASIC	22176000	1	•
8	PC 1x18 T8 TOP sl	22185222	1	
TRIDONICATCO	PC 3/4X18 TOP Ip	22185219 / 22185228	3	
NOO	PC 3/4X18 TOP Ip	22185219 / 22185228	4	· · · · · · · · · · · · · · · · · · ·
프	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	
	PC 2/14-35/24/39 T5 PRO-M lp	22176185	2	
	PC 1x18 T8 TEC	87500113	1	
	PC 2x18 T8 TEC	87500114	2	•
	ELXc 136.200	188314	1	
ų,	ELXc 236.208		2	
VOSSLOH-SCHWABE	ELXc 424.379	188116	3	
ŠCH	ELXc 424.379	188116	4	
ㅎ	ELXc 418.204	188318	3	
ISSO.	ELXc 418.204	188318	4	•
>	ELXc 136.207		1	
	ELXc 118.520	188020	1	
8	BCS18.1FX-11/220-240	10077588	1	
ÜE	BCS18.2FX-11/220-240	10077589	2	· · · · · · · · · · · · · · · · · · ·
BAG-HUECO	BCS18.3-4LR-01/220-240 3lamp	10050999	3	•
BA	BCS18.3-4LR-01/220-240 4lamp	10050999	4	
Others	Direct mains			
븅	Electro Magnetic Ballast			

General notes Philips MASTER LEDtube Universal T8 – 600 mm

General notess: 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 $\underline{www.philips.com/ledtube}$



MASTER LEDtube Universal T8 - 1200 mm



Ballast Compatibility

	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 recommedation. Philips attempted to provide best results, results are generated in la controlled environment and may differ from actual application conditions
	Ballast is not compatible	
	Ballast LEDtube combination not tested	

	■ Instant Fit	MASTER LEDtube 1200mm Universal, Instant Fit		
	InstantFit*	2500lm		
	Works with High Frequency ballast (HF)	Model number / EOC code: 9290013361 / 871869670537700		
				9290013362 / 871869670539100
	Pulling the control of the control o	10	L	9290013360 / 871869672853600
	Ballast type	10nc	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	EB-C 136 TL-D 220-240	9137131992		
	EB-S 236 TL-D 220-230	9137130216	1	
	HF-B 136 TLD 220-240	9137001122	'	
	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	1	
	HF-E 136 TL-D	9137130410	<u> </u>	
	HF-E 236 TL-D	9137130391	2	
	HF-E 236 TL-D II	9137130411	1	
	HF-K 136 TLD 220-240	9137001477	1	
	HF-P136 TL-D III IDC	9137130315		· · · · · · · · · · · · · · · · · · ·
	HF-P 236 TL-D III IDC	9137130316	2	
	HF-P 336 TL-D III IDC	9137130317	3	
S	HF-P Xt 136 TLD EII 220-240	9137006177	1	
PHILIPS	HF-P XT 236 TLD EII 220-240	9137006178	2	
古	HF-P 136 TLD EII 220-240	9137001911	1	
	HF-P 236 TLD 230-240	9137001112	2	
	HF-Pi 114/21/24/28/39 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	<u> </u>
	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	
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	
포	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	•
021	PC2/36 T8 INDUSTRY	86458036	2	•
TRIDONIC ATCO	PC2x36 T8 PRO sl	22185217	2	
DO	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	



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

	Works with High Frequency ballast (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
ABE	ELXc 136.207	188708	1	
-SCHWABE	ELXc 236.202	188316	2	
H-SC	ELXc 236.208	188705	2	
VOSSLOH	ELXe 238.527	188137	2	
90	ELXe 238.527	188137	1	· · · · · · · · · · · · · · · · · · ·
	BCS36.1FX-11/220-240	10077590	1	
HUECO	BCS36.2FX-11/220-240	10077591	2	the state of the s
	D36.2-23021 E	166132	2	
BAG	D 58.1-23021 E	166072	1	· · · · · · · · · · · · · · · · · · ·
	ECS36.2SR-01/220-240	167032	2	
L.	D36.2-23021 E		2	
Trilux	D58.1-23021E		1	•
	DD58.1-23031E		1	
ers	EM ballast		1	
Others	Direct Mains (only one single side supply)		1	

General notes Philips Master LEDtube Universal T8

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

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



MASTER LEDtube Universal T8 - 1500 mm



Ballast Compatibility

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

	InstantFit*			MASTER LEDtube 1500mm Universal Instant Fit 3700lm
	Works with High Frequency ballast (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	
	HF-P 258 TL-D III IDC	9137 130 319	2	
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	•
S	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	
PHILIPS	HF-P 158 TLD 220-240	9137 001 185	1	
ā	HF-P 258 TLD 220-240	9137 001 110	2	
	HF-R 158 TLD 220-240	9137 001 116	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	
	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 QT-FIT 5/8 2x54-58		2	
	EL1x58ngn		1	
	EL1x58s		1	
HELVAR	EL2x58es		2	
且	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	
10	PC 2x58 E011		2	
TRIDONICATCO	PC 2x58 E011 IDC	22 083 174	2	
OQ	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	
	. S. E. S. E. C. E. E. C. E. C. E. C. E. E. C. E			

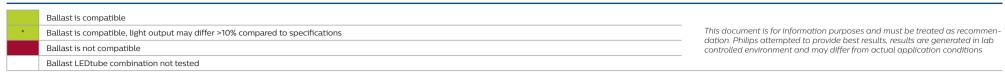


MASTER LEDtube Universal T8 - 1500 mm



Ballast Compatibility

KEY



	Works with High Frequency ballast (HF)			MASTER LEDtube 1500mm Universal Instant Fit 3700lm Model number / EOC code: 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	
Æ	ELXc 158.218	188870	1	
) H	ELXc 258.203	188317	2	
VOSSLOH-SCHWABE	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	·
	BCS58.1FX-11/220-240	1007 7592	1	
8	BCS58.2FX-11/220-240	1007 7593	2	
불	BCS58.2SX-01/220-240	1005 1003	2	•
BAG-HUECO	BCS58.1SR-01/220-240		1	
a	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	
	DD58.2-23021E		2	
May + Christie	MCU 158		1	
Ma	MCU 258		2	
Others	Direct Mains (only one single side supply)			
Off.	Electro Magnetic Ballast			

General notes Philips Master LEDtube Universal T8

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

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



MASTER LEDtube VLE UN 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 recomm dation. Philips attempted to provide best results, results are generated in locontrolled environment and may differ from actual application conditions
Dim	Ballast is compatible and conditional released for dimming	
	Ballast is not compatible	

	9973917100 9973919500 9973921800
Ballast type 10nc / Ref. no. Lamps on ballast AC (50Hz) on HF Ballas	
HF-B 136 TLD 220-240 9137001122 1	t Compatible
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 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	
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	
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	
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	
QT-FIT8 2x36 2	
S QTP8 1x36	
QTP8 2x36 2	
OTP-OPTIMAL 1x18-40	
QTP-OPTIMAL 2x18-40 2	
QT-FIT 5/8 2x18-39 2	
EL1x36/40/18S 1	
FIANCIE	
ELIX36HF EL1X36ngn 1 FL2x36/40s	
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	
PCZ/30 TO INDUSTRY 00430030 Z	
PC2/36 18 INDUSTRY 80436036 2 PC2x36 T8 PRO sl 22185217 2	
PC2/36 T8 INDUSTRY 86436036 2 PC2x36 T8 PRO sl 22185217 2 PC 2x36 T8 TOP sl 22185226 2	
PC2x36 T8 PRO sl 22185217 2	
PC2x36 T8 PRO sl 22185217 2 PC 2x36 T8 TOP sl 22185226 2	



PC 3/36 T8 PRO

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

	Works with High Frequency ballast (HF)			MAS LEDtube VLE UN 1200mm UO 16W8xx T8 2500lm Product reference number: 9290023330 / 871869973917100 9290023331 / 871869973919500 9290023332 / 871869973921800
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
4BE	ELXc 136.207	188708	1	•
VOSSLOH-SCHWABE	ELXc 236.202	188316	2	•
H-SC	ELXc 236.208	188705	2	
OTSS	ELXe 238.527	188137	2	
Š	ELXe 238.527	188137	1	
	BCS36.1FX-11/220-240	10077590	1	
ECO	BCS36.2FX-11/220-240	10077591	2	
무	D36.2-23021 E	166132	2	· · · · · · · · · · · · · · · · · · ·
BAG-HUECO	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 notes Philips MASTER Value LEDtube Universal HO

General notess: 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: 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.



MASTER LEDtube VLE UN 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 recomme dation. Philips attempted to provide best results, results are generated in lak controlled environment and may differ from actual application conditions
Dim	Ballast is compatible and conditional released for dimming	
	Ballast is not compatible	

	Works with High Frequency ballast (HF)			MAS LEDtube VLE UN 1500mm UO 24W8xx T8 3700lm Product reference number: 9290023333 / 871869973923200 9290023334 / 871869973925600
				9290023335 / 871869973927000
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	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	
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	
8	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 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-RiTD 128/35/49/54TL5 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	
	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	the state of the s
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	
0	PC 2/58 T8 INDUSTRY	86 458 038	2	
: ATC	PC 2x58 E011 IDC	22 083 174	2	
TRIDONIC ATCO	PC 2x58 T8 PRO sl	22 185 218	2	
TRID	PC 1x58 T8 T0P sl	22185224	1	
	PC 2x58 T8 TOP sl	22185227	2	
	PCA 1/58 excel one4all	22 085 286	1	
	. ,			



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PCA 2x58 EXCEL One4all Ip

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

	Works with High Frequency ballast (HF)			MAS LEDtube VLE UN 1500mm UO 24W8xx T8 3700lm Product reference number: 9290023333 / 871869973923200 9290023334 / 871869973925600 9290023335 / 871869973927000
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	ELXc 158.201	188315	1	
щ	ELXc 158.209	188706	1	
WAB	ELXc 258.203	188317	2	
SCH	ELXc 258.210	188707	2	
VOSSLOH-SCHWABE	ELXc 258.219	188871	2	
OSSI	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	
	BCS58.2FX-11/220-240	1007 7593	2	
루	BCS58.2SX-01/220-240	1005 1003	2	•
BAG-HUECO	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	
May + Christie	MCU 158		1	•
Ma	MCU 258		2	
ers	Direct mains			
Others	Flectro Magnetic Ballast			

General notes Philips MASTER Value LEDtube Universal HO

General notess: 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: 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.



CorePro LEDtube Universal T8 - 600 mm



CorePro LEDtube UN

Ballast Compatibility

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

	InstantFit InstantFit			CorePro LEDtube UN 600mm HF 900lm
	Works with High Frequency ballast (HF)			Model number / EOC code: 9290024198 / 8718699782771 9290024199 / 8718699782795 9290024200 / 8718699782818
	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	
10	HF-S 3/4x18 TLD II	9137130326	3	
PHILIPS	HF-S 3/4x18 TLD II	9137130326	4	
푼	HF-Matchbox 1x18 Blue	9137004180 / 9137004179	1	· ·
	HF-Matchbox 1x18 RED	9137004234	1	· ·
	HF-P 3/4x18 TLD III IDC	9137130314	3	
	HF-P 3/4x18 TLD III IDC	9137130314	4	
	HF-E 418 TL-D II 220-240V 50/60Hz-parl	9137130412	4	
	HF-P 118/136 TL-D III	9137130315	1	
	HF-S 118/136 TL-D II	9137130321	1	
	HF-Ri TD 114/21/24/39 TL5 E+	9137006983	1	
	EB-C 118 TLD 220	9137131990	1	
	EB-E 118 TLD 220	9137100604	1	
	HF-R 118 TLD EII	9137006203	1	
	HF-P 118 TLD EII 220-240	9137001910	1	
	HF-Pi 114/21/24/39 TL5 EII 220-240	9137006240	1	
	EB-Ci 1-2 36w/1-4 18W	9137130431	1	
	HF-P 218/236 TL-D III 4CIC	9137130316	2	
	HF-P 218/236 TL-D III C2E	9137130316	2	
	HF-S 218/236 TL-D II	9137130324	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
	EB-C 218 TLD 220	9137131991	2	
			2	
	EB-Ci 1-2 36w/1-4 18W	9137130431		
	HF-R 318 TL-D EII	9137006295	3	
	EB-C 318 TLD 220 HF-R 418 TL-D EII	9137131975 9137006146	4	
			4	
	EB-C 418 TLD 220	9137131973 9137130431	3	
	EB-Ci 1-2 36w/1-4 18W			
	EB-Ci 1-2 36w/1-4 18W	9137130431	4	
	QTP8 1x18		1	
	QTP8 2x18		2	· · · · · · · · · · · · · · · · · · ·
	QT-FIT8 1x18		1	
Σ	QT-FIT8 2x18		2	
OSRAM	QT Fit 5/8 1x18-39		1	
0	QTP-OPTIMAL 118-40		1	
	QTP-OPTIMAL 218-40		2	•
	QT-FIT8 3/4X18		3	•
	QT-FIT8 3/4X18		4	•
	EL1x18ngn		1	
	EL2x18ngn		2	
	EL 3/4x18ngn		3	
HELVAR	EL 3/4x18ngn EL 3/4x18ngn		4	
H	EL1x18s		1	
	EL 4x18ngn		4	
	EL2x18s		2	
	PC 118 PRO Ip	22185213	1	
	PC 218 PRO lp	22185216	2	•
	PC 1X18-24W BASIC	22176000	1	
5	PC 1x18 T8 TOP sl	22185222	1	
IIC A	PC 3/4X18 TOP Ip	22185219 / 22185228	3	
TRIDONIC ATCO	PC 3/4X18 TOP Ip	22185219 / 22185228	4	•
포	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	
	PC 2/14-35/24/39 T5 PRO-M lp	22176185	2	
	PC 1x18 T8 TEC	87500113	1	
	PC 2x18 T8 TEC	87500114	2	•



CorePro LEDtube Universal T8 - 600 mm



Ballast Compatibility

Electro Magnetic Ballast

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 genera-
	Ballast is not compatible	ted in lab controlled environment and may differ from actual application conditions
	Ballast LEDtube combination not tested	Conditions

	Works with High Frequency ballast (HF)			CorePro LEDtube UN 600mm HF 900lm Model number / EOC code: 9290024198 / 8718699782771 9290024199 / 8718699782795 9290024200 / 8718699782818
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
	ELXc 136.200	188314	1	
	ELXc 236.208	100314	2	
VOSSLOH-SCHWABE	ELXc 424.379	188116	3	
동	ELXc 424.379	188116	4	
왕	ELXc 418.204	188318	3	
TSSC	ELXc 418.204	188318	4	•
×	ELXc 136.207		1	
	ELXc 118.520	188020	1	
0	BCS18.1FX-11/220-240	10077588	1	
BAG-HUECO	BCS18.2FX-11/220-240	10077589	2	
H-9	BCS18.3-4LR-01/220-240 3lamp	10050999	3	•
BA	BCS18.3-4LR-01/220-240 4lamp	10050999	4	
ers	Direct mains			

General notes Philips CorePro LEDtube Universal HO

General notess: 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



CorePro LEDtube Universal T8 - 1200 mm



CorePro LEDtube UN

Ballast Compatibility

	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 recomm dation. Philips attempted to provide best results, results are generated in la controlled environment and may differ from actual application conditions
	Ballast is not compatible	
	Ballast LEDtube combination not tested	

	InstantFit*			CorePro LEDtube UN 1200mm HO 18W8xx T8
	High Frequency ballast (HF)			Model number / EOC code: 9290018692A / 871869680166600 9290018693A / 871869680168000 9290018694A / 87186968017030
	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-P136 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	•
PS	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 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	
	QT-FIT8 1x36		1	
	QT-FIT8 2x36		2	
Σ	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	· · · · · · · · · · · · · · · · · · ·
뽀	EL2x36/40s		2	•
	EL2x36ngn		2	
		86458035	1	
	PC 1/36 T8 INDUSTRY PC 1/36 T8 PRO	22176217	1	
	PC 1x36 T8 PRO lp	221/621/	1	
2	PC2/36 T8 INDUSTRY	86458036	2	
ICA	PC2/36 18 INDUSTRY PC2x36 T8 PRO sl	22185217	2	
TRIDONIC ATCO	PC 2x36 T8 TOP sl	22185217	2	
E	PC 1x36 T8 TOP sl	22185223	1	
	PC1/36 T8 PRO sc	89800008	1	
	PC 3/36 T8 PRO SC	22176231	3	
	1 C 3/ 30 10 FNO	221/0231		



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

	Works with High Frequency ballast (HF)			CorePro LEDtube UN 1200mm HO 18W8xx T8 Model number / EOC code: 9290018692A / 871869680166600 9290018693A / 871869680168000 9290018694A / 871869680170300
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
ABE	ELXc 136.207	188708	1	•
NH.	ELXc 236.202	188316	2	· · · · · · · · · · · · · · · · · · ·
H-SC	ELXc 236.208	188705	2	 ** The second of the second of
VOSSLOH-SCHWABE	ELXe 238.527	188137	2	· · · · · · · · · · · · · · · · · · ·
Nos	ELXe 238.527	188137	1	•
_	BCS36.1FX-11/220-240	10077590	1	
BAG-HUECO	BCS36.2FX-11/220-240	10077591	2	
루	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 (only one single side supply)		1	

General notes Philips CorePro LEDtube Universal HO

 $\textbf{General notess:} \ Philips \ LED tubes \ Universal \ T8 \ are \ designed \ to \ work \ on \ HF \ ballasts, \ or \ EM \ ballast, \ or \ direct \ mains \ connection.$

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

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 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 recomm dation. Philips attempted to provide best results, results are generated in la controlled environment and may differ from actual application conditions
	Ballast is not compatible	
	Ballast LEDtube combination not tested	

	Works with High Frequency ballast (HF)			CorePro LEDtube UN 1500mm HO 23W8xx T8 Model number / EOC code: 9290018695A / 871869680172700
				9290018696A / 871869680174100 9290018697A / 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 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	
IPS	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 230-240	9137 001 110	2	
	HF-R 258 TLD 220-240 HF-R 158 TLD EII	9137 001 119 9137 006 094	1	
	HF-R 258 TLD EII	9137 006 095	2	
	HF-RiTD 128/35/49/54TL5 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	
	QTP8 1x58		1	
OSRAM	QTP8 2x58		2	•
OSR	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 2x54-58		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	
ATCO	PC 2x58 E011		2	
TRIDONIC ATCO	PC 2x58 E011 IDC	22 083 174	2	
RIDO	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	
	DCA 2x59 EVCEL Operables	38 000 040	2	



28 000 040

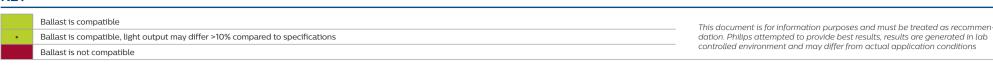
PCA 2x58 EXCEL One4all Ip

CorePro LEDtube Universal T8 - 1500 mm



Ballast Compatibility

KEY



	Works with High Frequency ballast (HF)			CorePro LEDtube UN 1500mm HO 23W8xx T8 Model number / EOC code:
				9290018695A / 871869680172700 9290018696A / 871869680174100 9290018697A / 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	
VOSSLOH-SCHWABE	ELXc 258.203	188317	2	
H-S(ELXc 258.210	188707	2	
SSLO	ELXc 258.219	188871	2	the state of the s
0 V	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	
10E	BCS58.2SX-01/220-240	1005 1003	2	
BAG-HUECO	BCS58.1SR-01/220-240		1	
BA	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	•
/+ strie	MCU 158		1	
Chris	MCU 158 MCU 258		2	
SIZ	Direct Mains (only one single side supply)			
Others	Electro Magnetic Ballast			

General notes Philips CorePro LEDtube Universal HO

 $\textbf{General notess:} \ Philips \ LED tubes \ Universal \ T8 \ are \ designed \ to \ work \ on \ HF \ ballasts, \ or \ EM \ ballast, \ or \ direct \ mains \ connection.$

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

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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