PHILIPS

LEDtube compatibility list
Professional Q1 2023

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MASTER LEDtube HF T5 HO - 1200 mm

Ballast Compatibility

KEY

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HO 26W 8xx T5 Model number / EOC code: 9290023520 / 871869974951400 9290023521 / 871869974953800 9290023522 / 871869974955200 AC (50Hz) on HF Ballast Compatible
PHILIPS	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
	HF-R Es 254 TL5	9137006619	2	
	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)
OSRAM	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	
	QTP5 1x54		1	
	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	*
HELVAR	EL1×54iDim		1	*
	EL1×54sc		1	*
	EL1x54ngn5		1	*
	EL1x54s		1	
	EL2×54iDim		2	
	EL2×54sc		2	
	EL2x54ngn5		2	

(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 T5 HO - 1200 mm

Ballast Compatibility

KEY

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

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Works with High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HO 26W 8xx T5 Model number / EOC code: 9290023520 / 871869974951400 9290023521 / 871869974953800 9290023522 / 871869974955200 AC (50Hz) on HF Ballast Compatible
TRIDONIC ATCO	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)
	PC 2x54 T5 PRO lp	22185156	2	*
	PC 2x54 T5 TOP lp	22185166	2	*
	PCA 1x54 T5 BASIC lp	22185088	1	*
	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	
VOSSLOH-SCHWABE	ELXc 254.865	188618	2	
	ELXc 154.633	188946	1	*
	ELXd 154.611	188340	1	dim
	ELXd 254.612	188341	2	*
	ELXd 154.603	188332	1	dim
	ELXd 254.604	188333	2	*
	ELXc 254.636	188949	2	
BAG-HUECO	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	*
	MLS80.1/54.2FR-11/220-240	10071609	2	*
	MLS80.1/54.2FR-11/220-240	10071609	1	
	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	
TCI	BTLT 154	137998/154	1	
	BTLT 254	137999/54	2	*
Others	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 notes MASTER LEDtube HF InstantFit T5 HO - 1200 mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.
Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.
Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on www.philips.com/ledtube

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

MASTER LEDtube HF T5 HO - 1500 mm

Ballast Compatibility

KEY

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

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Works with High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HO 26W 8xx T5 Model number / EOC code: 9290023523 / 871869974957600 9290023524 / 871869974959000 9290023525 / 871869974961300 AC (50Hz) on HF Ballast Compatible
PHILIPS	HF-E 1/2 49 TL5 II	9137130407	1	
	HF-E 1/2 49 TL5 II	9137130407	2	
	HF-P 1 49 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	
	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	
	HF-P 249 TL5 220-240	9137001324	2	* / (1)
	HF-R Es 149 TL5	9137006620	1	dim
	HF-P Xt 149 TL5 EII 220-240	9137006297	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	*
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	* / dim
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1	* / dim
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	*
	HF-R 149 TL5 EII	9137006086	1	*
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	*
	HF-P 249 TL5 HO III IDC	9137130281	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	*
	HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2	*
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	* / (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	
OSRAM	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	*
	Qti 1x35/49/80 DIM		1	* / dim (2)
	Qti DALI 1x35/49/80 DIM		1	* / dim
	Qti 2x35/49/80 GII		2	*
	Qti 2x28/54/35/49 GII		2	
	Qti 2x35/49 DIM		2	*
	Qti 2x35/49/80 DIM		2	*
	Qti DALI 2x35/49/80 DIM		2	* / dim (3)
	Qti DALI2x35/49 DIM		2	* / dim (3)
	QTP51x49(longerVERSION)		1	*
HELVAR	EL1X49ngn5		1	*
	EL1x49s		1	*
	EL1x49s-u		1	*
	EL2x49s		2	
	EL1×49iDim		1	* / (1)
	EL1×49sc		1	* / (1)
	EL2×49iDim		2	* / (1)

(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 T5 HO - 1500 mm

Ballast Compatibility

KEY

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

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Works with High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HO 26W 8xx T5 Model number / EOC code: 9290023523 / 871869974957600 9290023524 / 871869974959000 9290023525 / 871869974961300 AC (50Hz) on HF Ballast Compatible
TRIDONIC ATCO	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	
	PCA 2/49 T5 ECO lp	22089499	2	*
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	*
	PCA 1x35/49/80 T5 ECO lp	22185096	1	* / dim (3)
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	* / dim (3)
	PCA 1x49 T5 BASIC lp	22185082	1	*
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
	PCA 2x49 T5 BASIC lp	22185083	2	
	PCA 2x35/49 T5 ECO lp	22185097	2	
	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 lp	22176100	2	
VOSSLOH-SCHWABE	ELXd 249.614	188343	2	*
	ELXc 154.633	188946	1	*
	ELXc 180.634	188947	1	*
	ELXd 180.613	188342	1	* / dim (2)
	ELXd 180.605	188334	1	* / dim
	ELXc 149.234	183116	1	*
	ELXc 254.636	188949	2	
	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	*
BAG-HUECO	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	
	MLS80.1FR-11/220-240	10071608	1	*
	MLD80.1FR-11/220-240/DALI	10097820	1	*
	SCS49.1F-01/220-240		1	*
	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	10071609	2	
	MLS80.1F-01/220-240		1	
TCI	BTLT 149	137998/149	1	
	BTLT 249	137999/49	2	
Others	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 notes MASTER LEDtube HF InstantFit T5 HO - 1500 mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.
Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.
Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on www.philips.com/ledtube

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

MASTER LEDtube HF T5 UO - 1500 mm

Ballast Compatibility

KEY

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1500mm UO 36W 8xx T5
				Model number / EOC code: 9290031539 / 871951441905600 9290031540 / 871951441907000 9290031541 / 871951441909400
	Ballast type	**10nc / Ref. no.**	**Lamps on ballast**	**AC (50 Hz) on HF Ballast Compatible**
PHILIPS	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	
	HF-R 180 TL5/PLL EII	9137006090	1	Dim
	HF-R 280 TL5/PLL EII 220-240	9137006091	2	
	HF-R TD 180 TL5/PLL 220-240	9137006066	1	Dim
	HF-R TD 280 TL5/PL-L EII	9137006096	2	
	HF-S 2 80 TL5/PL-L II	9137130423	2	
	HF-P 180 TL5/PL-L EII 220-240	9137001989	1	
OSRAM	QT-FQ 1x80/230-240		1	
	QT-FQ 2x80		2	
	QTP5 1x80		1	
	Qti 1x35/49/80 GII		1	*
HELVAR	EL1x80iDim		1	
	EL1x80sc		1	
	EL2x80iDim		2	
TRIDONIC ATCO	PC 1/80 T5 INDUSTRY	89800460	1	
	PC 1x80 T5 PRO lp	22185209	1	
	PC 2/80 T5 INDUSTRY	89800461	2	
	PC 2x80 T5 PRO lp	22185210	2	*
	PCA 1×80 T5 BASIC lp	22185084	1	*
	PCA 2x80 T5 BASIC lp	22185085	2	
	PCA 2x80 T5 ECO lp	22185098	2	
	PCA 2x80 T5 EXCEL one4all lp	22185107	2	
	PC 1/80 T5 PRO lp	22087618	1	
	LUXMATE PCA 1/80 T5 ECO		1	*
VOSSLOH-SCHWABE	ELXc 180.866	188144	1	
	ELXc 280.538	188619	2	*
	ELXc 180.634	188947	1	*
	ELXc 280.637	188950	2	
BAG-HUECO	BCS80.1FX-11/220-240	10077587	1	
	BCS80.2FX-11/220-240	10095407	2	
	SCS80.2F-01/220-240	166692	2	*
	MLS80.1/54.2FR-11/220-240	10071609	1	*
	MLS80.1FR-11/220-240	10071608	1	
	MLD80.1FR-11/220-240/DALI	10097820	1	* / Dim
	MLD80.2FR-11/220-240/DALI	10101905	2	
Others	Direct mains			

General notes Philips Master LEDtube HF InstantFit T5 UO

General notes: General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.
Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.
Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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 T5 HE - 600 mm

Ballast Compatibility

KEY

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

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Works with High Frequency ballast (HF)

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 600mm HE 8W 8xx T5 Model number / EOC code: 9290013907A / 871869674323200 9290013908A / 871869674325600 9290013909A / 871869674327000 AC (50 Hz) on HF Ballast Compatible
PHILIPS	BLUE 114 LH TL/PLS/PLC	9137004217	1	* (1)
	HF-E 114 TL5 II	9137130414	1	
	HF-E 214 TL5 II	9137130415	2	** (1)
	HF-E 3/414 TL5 II	9137130413	3	*
	HF-E 3/414 TL5 II	9137130413	4	*
	HF-P 1 14-35 TL5 HE EII 220-240	9137006129	1	*
	HF-P 1 14-35 TL5 HE III IDC	9137130310	1	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	*
	HF-P 3/4 14 TL5 EII 220-240	9137006013	3	
	HF-P 3/4 14 TL5 EII 220-240	9137006013	4	
	HF-P 3/414 TL5 III IDC	9137130339	3	*
	HF-P 3/414 TL5 III IDC	9137130339	4	*
	HF-P 414 TL5 220-240	9137001562	4	*
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	3	*
	HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	4	*
	HF-R 114 TL5 220-240	9137001287	1	**
	HF-R 114-35 TL5 EII	9137006198	1	Dim (3)
	HF-R 214-35 TL5 EII	9137006195	2	Dim
	HF-R 3/414 TL5 220-240	9137001423	3	** (1)
	HF-R 3/414 TL5 220-240	9137001423	4	** (1)
	HF-R 314 TL5 EII	9137006294	3	Dim (3)
	HF-R 414 TL5 EII	9137006144	4	Dim (3)
	HF-R DALI 214 TL5 220-240	9137001313	2	
	HF-R Es 114-35 TL5	9137006616	1	Dim
	HF-R Es 214-35 TL5	9137006617	2	Dim
	HF-R TD 314 TL5 EII	9137006291	3	Dim (3)
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1	Dim (3)
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006708	1	Dim (2) (3)
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006709	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
	HF-Ri TD 3 14/24 TL5 E+	9137006790	3	* / Dim (3)
	HF-Ri TD 4 14/24 TL5 E+	9137006791	4	* / Dim (5)
	HF-S 1 14-35 TL5 HE II	9137130420	1	
	HF-S 114-35 TL5 II	9137130429	1	
	HF-S 2 14-35 TL5 HE II	9137130421	2	*
	HF-S 214-28 TL5 II	9137130430	2	
	HF-S 3/414 TL5 II	9137130330	3	*
	HF-S 3/414 TL5 II	9137130330	4	*
OSRAM	QT-FIT5 3x14, 4x14	AA747140355	3	
	QT-FIT5 3x14, 4x14	AA747140355	4	
	QT-FIT5 1x14-35	AA747150355	1	
	QT-FIT5 2x14-35	AA747160355	2	
	QTi 1x14/24/21/39 GII	AA352950202	1	**
	QTi 2x14/24/21/39 GII	AA3529802OL	2	**
	QTi 3x14/24 DIM		3	** / Dim (4)
	QTi 4x14/24 DIM		4	
	Qti DALI 2x14/24 DIM	AA3863601DG	2	Dim (4)
	QTi DALI 3x14/24 DIM		3	** / Dim (4)
	QTi DALI 4x14/24 DIM		4	
	QTP5 1x14-35	A63944500DG	1	
	QTP5 2x14-35	AA3342302DG	2	
	QTP5 3x14, 4x14	A62933A02DG	3	
	QTP5 3x14, 4x14	A62933A02DG	4	

(1) Do not use in closed luminaires
(2) Audible noise might be detected when used in silent applications
(3) Do not dim below 10%/ Dali step 170
(4) Do not dim below 20%/ Dali step 185
(5) Set max dimlevel to Dali step 240

MASTER LEDtube HF T5 HE - 600 mm

Ballast Compatibility

KEY

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

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

Works with High Frequency ballast (HF)

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 600mm HE 8W 8xx T5 Model number / EOC code: 9290013907A / 871869674323200 9290013908A / 871869674325600 9290013909A / 871869674327000 AC (50 Hz) on HF Ballast Compatible
HELVAR	EL1x14-35ngn5	4017001G09802761	1	*
	EL2x14-35iDim	4350000J05200189	2	
	EL2x14-35ngn5	4028001E08705002	2	
	EL2x14-35s		2	
	EL3/4x14ngn5		3	*
	EL3/4x14ngn5		4	*
TRIDONIC ATCO	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	*
	PC 1x14-21W BASIC sl	22176001	1	
	PC 1x14-35 T5 TOP lp	22185157	1	
	PC 2/14-21/24/39 T5 PRO-M lp	22176185	2	*
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	
	PC 2x14-28 T5 TOP lp	22185158	2	*
	PC 3/4x14 T5 PRO lp	22185211	3	
	PC 3/4x14 T5 PRO lp	22185211	4	
	PCA 2x14 T5 BASIC lp	22185077	2	
	PCA 2x14/24 T5 ECO lp	22185095	2	
	PCA 2x14/24 T5 EXCEL one4all lp	22185104	2	
	PCA 3x14/24 T5 ECO lp	22176211	3	
	PCA 3x14/24 T5 EXCEL one4all lp	22176209	3	
	PCA 3x14/24 T5 EXCITE lp	28000307	3	
	PCA 4x14/24 T5 ECO lp	22176212	4	
	PCA 4x14/24 T5 EXCEL one4all lp	22176210	4	
	PCA 4x14/24 T5 EXCITE lp	28000308	4	
VOSSLOH-SCHWABE	ELXc 114.238	183122	1	
	ELXc 135.220	188921	1	*
	ELXc 135.231	183113	1	
	ELXc 135.856	188093	1	
	ELXc 139.632	188945	1	
	ELXc 214.240	183124	2	
	ELXc 228.229	183111	1	
	ELXc 228.229	183111	2	
	ELXc 228.229	183111	2	
	ELXc 235.221	188922	2	
	ELXc 235.857	188094	2	
	ELXc 239.635	188948	2	*
	ELXc 414.227	183109	3	
	ELXc 414.227	183109	4	
	ELXc 414.242	183126	4	
	ELXc 414.868	188438	3	*
	ELXc 414.868	188438	4	*
	ELXd 124.600	188329	1	Dim
	ELXd 124.607	188336	1	
	ELXd 135.724	188932	1	
	ELXd 135.823	188717	1	
	ELXd 224.601	188330	2	Dim (3)
	ELXd 224.608	188337	2	Dim (4)
	ELXd 235.725	188933	2	
	ELXd 235.735	183059	2	
	ELXd 324.623	188597	3	** / Dim (3)
	ELXd 324.626	188597	3	** / Dim (4)
	ELXd 424.624	188598	4	
	ELXd 424.628	188602	4	

(1) Do not use in closed luminaires
(2) Audible noise might be detected when used in silent applications
(3) Do not dim below 10%/ Dali step 170
(4) Do not dim below 20%/ Dali step 185
(5) Set max dimlevel to Dali step 240

MASTER LEDtube HF T5 HE - 600 mm

Ballast Compatibility

KEY

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

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

Works with High Frequency ballast (HF)

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 600mm HE 8W 8xx T5 Model number / EOC code: 9290013907A / 871869674323200 9290013908A / 871869674325600 9290013909A / 871869674327000 AC (50 Hz) on HF Ballast Compatible
BAG-HUECO	BCD35.1F-01/220-240/1-10V	10097244	1	
	BCD35.2F-01/220-240/1-10V	10097294	2	
	BCS14.3-4FR-01/220-240	10052868	3	*
	BCS14.3-4FR-01/220-240	10052868	4	*
	BCS35.1FX-11/220-240	10077579	1	
	BCS35.2FX-11/220-240	10077580	2	
	MLD14/24.3FR-04/220-240/DALI	10105150	3	Dim (3)
	MLD39.1FR-11/220-240/DALI	10097811	1	
	MLD39.2FR-11/220-240/DALI	10092117	2	
	MLS14/24.3-4FR-11/220-240	10095345	3	*
	MLS14/24.3-4FR-11/220-240	10095345	4	*
	MLS39.1-2FR-11/220-240	10092026	1	
	MLS39.1-2FR-11/220-240	10092026	2	
	MLS54.2F-01/220-240	166412	2	*
Others	TCI, BTL 414	137999/414L	3	*
	TCI, BTL 414	137999/414L	4	**
	ELT, BE - 214-35 - T5		2	
	Direct mains			

(1) Do not use in closed luminaires

(2) Audible noise might be detected when used in silent applications

(3) Do not dim below 10%/ Dali step 170

(4) Do not dim below 20%/ Dali step 185

(5) Set max dimlevel to Dali step 240

General notes Philips Master LEDtube HF InstantFit HE T5

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.
Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.
Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on www.philips.com/ledtube

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

MASTER LEDtube HF T5 HE - 1200 mm

Ballast Compatibility

KEY

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

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

Works with High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HE 16.5W 8xx T5 "Model number / EOC code: 9290013910A / 871869674329400 9290013911A / 871869674331700 9290013912A / 871869674333100" AC (50Hz) on HF Ballast Compatible
PHILIPS	BLUE 128 LH TL5	9137004199	1	**
PHILIPS	HF-P 1 14-35 TL5 HE EII 220-240	9137006129	1	*
PHILIPS	HF-P 1 14-35 TL5 HE III IDC	9137130310	1	*
PHILIPS	HF-P 128 TL5 220-240	9137001366	1	
PHILIPS	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
PHILIPS	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	
PHILIPS	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	
PHILIPS	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	
PHILIPS	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	*
PHILIPS	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	*
PHILIPS	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	*
PHILIPS	HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2	*
PHILIPS	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	*
PHILIPS	HF-R 114-35 TL5 EII	9137006198	1	/ Dim (3)
PHILIPS	HF-R 214-35 TL5 EII	9137006195	2	* / Dim (3)
PHILIPS	HF-R Es 114-35 TL5	9137006616	1	/ Dim
PHILIPS	HF-R Es 214-35 TL5	9137006617	2	/ Dim
PHILIPS	HF-R T 228 TL5 220-240	9137001863	2	*
PHILIPS	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	Dim (2) (3)
PHILIPS	HF-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1	
PHILIPS	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	Dim (2) (3)
PHILIPS	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	Dim (2) (3)
PHILIPS	HF-S 1 14-35 TL5 HE II	9137130420	1	*
PHILIPS	HF-S 114-35 TL5 II	9137130429	1	*
PHILIPS	HF-S 2 14-35 TL5 HE II	9137130421	2	
	HF-S 214-28 TL5 II	9137130430	2	*
	HF-S 128-35 TL5 II	9137130332	1	*
OSRAM	QT-FIT5 1x14-35	AA747150355	1	*
OSRAM	QT-FIT5 2x14-35	AA747160355	2	
OSRAM	Qti 1x28/54 DIM		1	** (1)
OSRAM	Qti 1x28/54/35/49 GII	AA352950202	1	
OSRAM	Qti 2x28/54		2	
OSRAM	Qti 2x28/54 DIM		2	** (1)
OSRAM	Qti 2x28/54/35/49 GII	AA3529901DG	2	
OSRAM	Qti DALI 1x28/54 DIM		1	** (1)
OSRAM	Qti DALI 2x28/54 DIM		2	** (1)
OSRAM	QTP5 1x14-35	A63944500DG	1	*
OSRAM	QTP5 2x14-35	AA3342302DG	2	
HELVAR	EL1x14-35ngn5	4017001G09802761	1	
HELVAR	EL2x14-35iDim	4350000J05200189	2	
HELVAR	EL2x14-35ngn5	4028001E08705002	2	
HELVAR	EL2x14-35s		2	*

(1) Do not use in closed luminaires
(2) Audible noise might be detected when used in silent applications
(3) Do not dim below 10%/ Dali step 170

MASTER LEDtube HF T5 HE - 1200 mm

Ballast Compatibility

KEY

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

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

Works with High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HE 16.5W 8xx T5 "Model number / EOC code: 9290013910A / 871869674329400 9290013911A / 871869674331700 9290013912A / 871869674333100" AC (50Hz) on HF Ballast Compatible
TRIDONIC ATCO	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	
	PC 1x14-35 T5 TOP lp	22185157	1	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	*
	PC 2x14-28 T5 TOP lp	22185158	2	*
	PCA 1x28 T5 BASIC lp	22185086	1	*
	PCA 1x28/54 T5 ECO lp	22185099	1	*
	PCA 1x28/54 T5 EXCEL one4all lp	22185108	1	*
	PCA 2x28 T5 BASIC lp	22185087	2	*
	PCA 2x28/54 T5 ECO lp	22185100	2	*
	PCA 2x28/54 T5 EXCEL one4all lp	22185109	2	*
VOSSLOH-SCHWABE	ELXc 135.220	188921	1	
	ELXc 135.231	183113	1	*
	ELXc 135.856	188093	1	
	ELXc 154.633	188946	1	
	ELXc 228.229	183111	1	*
	ELXc 228.229	183111	2	*
	ELXc 228.229	183111	2	*
	ELXc 235.221	188922	2	*
	ELXc 235.857	188094	2	
	ELXc 254.636	188949	2	
	ELXd 135.724	188932	1	
	ELXd 135.823	188717	1	*
	ELXd 154.603	188332	1	
	ELXd 154.611	188340	1	** (1)
	ELXd 235.725	188933	2	*
	ELXd 235.735	183059	2	*
	ELXd 254.604	188333	2	** / Dim (1) (3)
	ELXd 254.612	188341	2	** (1)
BAG-HUECO	BCD35.1F-01/220-240/1-10V	10097244	1	
	BCD35.2F-01/220-240/1-10V	10097294	2	
	BCS35.1FX-11/220-240	10077579	1	*
	BCS35.2FX-11/220-240	10077580	2	
	MLD54.1FR-11/220-240/DALI	10097815	1	*
	MLD54.2FR-11/220-240/DALI	10092121	2	Dim (3)
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240	10071609	1	
	MLS80.1/54.2FR-11/220-240	10071609	2	
	MLS80.1FR-11/220-240	10071608	1	
Others	ELT, BE - 214-35 - T5		2	*
	Direct mains			

(1) Do not use in closed luminaires

(2) Audible noise might be detected when used in silent applications

(3) Do not dim below 10%/ Dali step 170

General notes Philips Master LEDtube HF InstantFit HE T5

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.
Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.
Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on www.philips.com/ledtube

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

MASTER LEDtube HF T5 HE - 1500 mm

Ballast Compatibility

KEY

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

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

Works with High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HE 20W 8xx T5 Model number / EOC code: 9290013913A / 871869674335500 9290013914A / 871869674337900 9290013915A / 871869674339300 AC (50Hz) on HF Ballast Compatible
PHILIPS	HF-P 1 14-35 TL5 HE III IDC	9137130310	1	*
	HF-P 135 TL5 220-240	9137001367	1	
	HF-P 135 TL5 220-240	9137001726	1	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	*
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	*
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	*
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	**
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	**
	HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2	**
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	**
	HF-R 114-35 TL5 EII	9137006198	1	* / Dim (3)
	HF-R 214-35 TL5 EII	9137006195	2	* / Dim (3)
	HF-R Es 114-35 TL5	9137006616	1	* / Dim
	HF-R Es 214-35 TL5	9137006617	2	* / Dim
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006708	1	* / Dim (2) (3)
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1	* / Dim (3)
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	Dim (2) (3)
	HF-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1	Dim
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1	Dim
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006709	2	Dim (2) (3)
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	Dim (2) (3)
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	Dim (2) (3)
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	Dim (2) (3)
	HF-S 1 14-35 TL5 HE II	9137130420	1	*
	HF-S 114-35 TL5 II	9137130429	1	*
	HF-S 2 14-35 TL5 HE II	9137130421	2	*
	HF-S 235 TL5 II	9137130333	1	*
	HF-S 128-35 TL5 II	9137130332	1	*
OSRAM	QT-FIT5 1x14-35	AA747150355	1	**
	QT-FIT5 2x14-35	AA747160355	2	
	Qti 1x28/54/35/49 GII	AA352950202	1	
	Qti 1x35/49/80		1	
	Qti 1x35/49/80 DIM	AA3944602DG	1	*
	Qti 1x35/49/80 GII	AA3529700DG	1	
	Qti 2x28/54		2	
	Qti 2x28/54/35/49 GII	AA3529901DG	2	
	Qti 2x35/49 DIM		2	** (1)
	Qti 2x35/49/80 DIM	AA3945102DG	2	* / Dim (3)
	Qti 2x35/49/80 GII	A74908402DG	2	
	Qti DALI 1x35/49/80 DIM	AA3863501DG	1	*
	Qti DALI 2x35/49 DIM		2	*
	Qti DALI 2x35/49/80 DIM	AA3864303OL	2	* / Dim
	QTP5 1x14-35	A63944500DG	1	*
	QTP5 2x14-35	AA3342302DG	2	
HELVAR	EL1x14-35ngn5	4017001G09802761	1	*
	EL2x14-35iDim	4350000J05200189	2	
	EL2x14-35ngn5	4028001E08705002	2	
	EL2x14-35s		2	*

(1) Do not use in closed luminaires
(2) Audible noise might be detected when used in silent applications
(3) Do not dim below 10%/ Dali step 170

MASTER LEDtube HF T5 HE - 1500 mm

Ballast Compatibility

KEY

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

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Works with High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HE 20W 8xx T5 Model number / EOC code: 9290013913A / 871869674335500 9290013914A / 871869674337900 9290013915A / 871869674339300 AC (50Hz) on HF Ballast Compatible
TRIDONIC ATCO	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	
	PC 1x14-35 T5 TOP lp	22185157	1	*
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	*
	PC 2/35 T5 INDUSTRY	0	2	
	PC 2x35 T5 TOP lp	28000047	2	*
	PC 2x35 T5 TOP lp	87500292	2	*
	PCA 1x35 T5 BASIC lp	22185080	1	
	PCA 1x35/49/80 T5 ECO lp	22185096	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22176172	1	
	PCA 2x35 T5 BASIC lp	22185081	2	
	PCA 2x35/49 T5 ECO lp	22185097	2	
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
VOSSLOH-SCHWABE	ELXc 135.220	188921	1	
	ELXc 135.231	183113	1	*
	ELXc 135.856	188093	1	
	ELXc 154.633	188946	1	
	ELXc 180.634	188947	1	
	ELXc 235.221	188922	2	*
	ELXc 235.232	183114	2	*
	ELXc 235.857	188094	2	
	ELXc 254.636	188949	2	
	ELXc 280.637	188950	2	
	ELXd 135.724	188932	1	*
	ELXd 135.823	188717	1	*
	ELXd 180.605	188334	1	*
	ELXd 180.613	188342	1	* (1)
	ELXd 235.725	188933	2	*
	ELXd 235.735	183059	2	*
	ELXd 249.606	188335	2	* (1)
	ELXd 249.614	188343	2	** / Dim (1)
	ELXd 280.630	188604	2	* (1)
	ELXd 280.631	188605	2	* / Dim (1) (3)
BAG-HUECO	BCD35.1F-01/220-240/1-10V	10097244	1	
	BCD35.2F-01/220-240/1-10V	10097294	2	
	BCS35.1FX-11/220-240	10077579	1	**
	BCS35.2FX-11/220-240	10077580	2	*
	MLD54.1FR-11/220-240/DALI	10097815	1	
	MLD54.2FR-11/220-240/DALI	10092121	2	Dim (3)
	MLD80.1F-01/220-240/1-10V	166102	1	
	MLD80.1FR-11/220-240/DALI	10097820	1	
	MLD80.2FR-11/220-240/DALI	10101905	2	
	MLS39.1-2FR-11/220-240	10092026	1	
	MLS39.1-2FR-11/220-240	10092026	2	
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240	10071609	1	
	MLS80.1/54.2FR-11/220-240	10071609	2	
	MLS80.1FR-11/220-240	10071608	1	
Others	ELT, BE - 214-35 - T5		2	*
	Direct mains			

(1) Do not use in closed luminaires

(2) Audible noise might be detected when used in silent applications

(3) Do not dim below 10%/ Dali step 170

General notes Philips Master LEDtube HF InstantFit HE T5

General notes: General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.
Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.
Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on www.philips.com/ledtube

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

MASTER LEDtube HF T8 - 600 mm

Ballast Compatibility

KEY

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

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

Works with High Frequency ballast (HF)

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 600mm HO 8W8xx T8 Model number / EOC code: 9290013931A/871869674353900; 9290013931B/871951446640100 9290013932A/871869674355300; 9290013932B/871951446642500 9290013933A/871869674367600; 9290013933B/871951446644900 AC (50Hz) on HF Ballast Compatible
PHILIPS	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	9137004234	1	*
	HF-P 3/4x18 TLD III IDC	9137130314	3	
	HF-P 3/4x18 TLD III IDC	9137130314	4	
	HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD)	9137130390	2	
	HF-E 418 TL-D II 220-240V 50/60Hz-parl	9137130412	4	
	HF-P 118 TLD 220-240	9137001709	1	
	HF-P 118/136 TL-D III	9137130315	1	
	HF-S 118/136 TL-D II	9137130321	1	*
	HF-P 218/236 TL-D III	9137130316	2	
	HF-S 218/236 TL-D II	9137130324	2	
	HF-R 318 TL-D EII	9137006295	3	
	HF-R 418 TL-D EII	9137006146	4	
OSRAM	QTP8 1x18		1	*
	QTP8 2x18		2	*
	QT-FIT8 1x18		1	*
	QT-FIT8 2x18		2	
	QT Fit 5/8 1x18-39		1	
	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	*
HELVAR	EL1x18ngn		1	
	EL2x18ngn		2	*
	EL 3/4x18ngn		4	
	EL 3/4x18ngn		3	
	EL1x18s		1	*
	EL 4x18ngn		4	*
TRIDONIC ATCO	PC 118 PRO lp	22185213	1	
	PC 218 PRO lp	22185216	2	
	PC 1X18-24W BASIC	22176000	1	*
	PC 1x18 T8 TOP sl	22185222	1	
	PC 3/4X18 TOP lp	22185219 / 22185228	3	
	PC 3/4X18 TOP lp	22185219 / 22185228	4	
	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	
	PC 2x36 T8 TEC (4x18 T8 TEC)	87500116	4	*

MASTER LEDtube HF T8 - 600 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
	Ballast is not compatible

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Works with High Frequency ballast (HF)

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 600mm HO 8W8xx T8 Model number / EOC code: 9290013931A/871869674353900; 9290013931B/871951446640100 9290013932A/871869674355300; 9290013932B/871951446642500 9290013933A/871869674367600; 9290013933B/871951446644900
				AC (50Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 136.200	188314	1	
VOSSLOH-SCHWABE	ELXc 236.208	188705	2	*
VOSSLOH-SCHWABE	ELXc 424.379	188116	3	*
VOSSLOH-SCHWABE	ELXc 424.379	188116	4	
VOSSLOH-SCHWABE	ELXc 418.204	188318	3	*
VOSSLOH-SCHWABE	ELXc 418.204	188318	4	
VOSSLOH-SCHWABE	ELXc 136.207	188708	1	*
BAG-HUECO	BCS18.1FX-11/220-240	1007 7588	1	
BAG-HUECO	BCS18.2FX-11/220-240	1007 7589	2	
BAG-HUECO	BCS18.3-4LR-01/220-240 3lamp	1005 0999	3	
BAG-HUECO	BCS18.3-4LR-01/220-240 4lamp	1005 0999	4	*
Others	Direct mains			
Others	Electro Magnetic Ballast			

General notes Philips Master LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

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 T8 - 1200 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
Dim	Ballast is compatible and conditional released for dimming
CF	Ballast is compatible and supports camera friendly performance on commonly used consumer cameras
	Ballast is not compatible
	Ballast LEDtube combination not tested

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1200mm HO 14W8xx T8	MAS LEDtube HF 1200mm UO 16W8xx T8
				Model number / EOC code: 9290035534 / 871951446688300 9290035535 / 871951446684500 9290035536 / 871951446686900	Model number / EOC code: 9290035540 / 871951446700200 9290035541 / 871951446696800 9290035542 / 871951446698200
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-B 136 TLD 220-240	9137001122	1	*	*
PHILIPS	HF-B 136 TLD EII 220-240	9137001926	1	* / CF	* / CF
PHILIPS	HF-B 236 TL-D 220-240	9137001124	2	*	*
PHILIPS	HF-B 236 TLD EII 220-240	9137001928	2	*	
PHILIPS	HF-E 136 TL-D II	9137130410	1		
PHILIPS	HF-E 236 TL-D	9137130391	2		
PHILIPS	HF-E 236 TL-D II	9137130411	2		
PHILIPS	HF-K 136 TLD 220-240	9137001477	1	* / CF	* / CF
PHILIPS	HF-P 136 TL-D III IDC	9137130315	1	CF	CF
PHILIPS	HF-P 236 TL-D III IDC	9137130316	2		
PHILIPS	HF-P 336 TL-D III IDC	9137130317	3	* / CF	* / CF
PHILIPS	HF-P Xt 136 TLD EII 220-240	9137006177	1	* / CF	* / CF
PHILIPS	HF-P XT 236 TLD EII 220-240	9137006178	2	* / CF	* / CF
PHILIPS	HF-P 136 TLD EII 220-240	9137001911	1	* / CF	* / CF
PHILIPS	HF-P 236 TLD 230-240	9137001112	2		*
PHILIPS	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	CF	CF
PHILIPS	HF-R 136 TL-D EII	9137006092	1	Dim / CF	Dim / CF
PHILIPS	HF-R 236 TL-D EII	9137006093	2		
PHILIPS	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1		
PHILIPS	HF-S 136 TL-D II	9137130321	1	* / CF	* / CF
PHILIPS	HF-S 236 TL-D II	9137130324	2		
PHILIPS	HF-S 336 TL-D II	9137130327	3	* / CF	* / CF
PHILIPS	HF-P 118/136 TL-D III	9137130315	1	CF	CF
PHILIPS	HF-S 118/136 TL-D II	9137130321	1	* / CF	CF
PHILIPS	HF-P 218/236 TL-D III	9137130316	2		
PHILIPS	HF-S 218/236 TL-D II	9137130324	2		
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1		
PHILIPS	EB-Ci 1-2 36w/1-4 18W	9137130431	1	CF	CF
PHILIPS	EB-Ci 1-2 36w/1-4 18W	9137130431	2		
OSRAM	QT-FIT8 1x36		1	* / CF	* / CF
OSRAM	QT-FIT8 2x36		2	* / CF	* / CF
OSRAM	QTP8 1x36		1	* / CF	* / CF
OSRAM	QTP8 2x36		2	*	*
OSRAM	QTP-OPTIMAL 1x18-40		1	CF	CF
OSRAM	QTP-OPTIMAL 2x18-40		2	* / CF	* / CF
OSRAM	QTP-DL 1x36-40		1	*	*
OSRAM	QT-FIT 5/8 1x18-39		1	CF	CF
OSRAM	QT-FIT 5/8 2x18-39		2	* / CF	* / CF
HELVAR	EL1x36/40/18S		1	* / CF	* / CF
HELVAR	EL1x36HF		1		
HELVAR	EL1x36ngn		1	* / CF	* / CF
HELVAR	EL2x36/40s		2	* / CF	* / CF
HELVAR	EL2x36ngn		2		
TRIDONIC ATCO	PC 1/36 T8 INDUSTRY	86458035	1		
TRIDONIC ATCO	PC 1/36 T8 PRO	22176217	1		
TRIDONIC ATCO	PC 1x36 T8 PRO lp	22185214	1	CF	CF
TRIDONIC ATCO	PC2/36 T8 INDUSTRY	86458036	2	* / CF	* / CF
TRIDONIC ATCO	PC2x36 T8 PRO sl	22185217	2	* / CF	* / CF
TRIDONIC ATCO	PC 2x36 T8 TOP sl	22185226	2	* / CF	* / CF
TRIDONIC ATCO	PC 1x36 T8 TOP sl	22185223	1	CF	CF
TRIDONIC ATCO	PC1/36 T8 PRO sc	89800008	1		
TRIDONIC ATCO	PC 1/36 T8 PRO	22176108	1		
TRIDONIC ATCO	PC 3/36 T8 PRO	22176231	3	*	*
TRIDONIC ATCO	PC 1/36 TCL PRO	87500507	1	* / CF	* / CF

MASTER LEDtube HF T8 - 1200 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
Dim	Ballast is compatible and conditional released for dimming
CF	Ballast is compatible and supports camera friendly performance on commonly used consumer cameras
	Ballast is not compatible
	Ballast LEDtube combination not tested

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1200mm HO 14W8xx T8	MAS LEDtube HF 1200mm UO 16W8xx T8
				Model number / EOC code: 9290035534 / 871951446688300 9290035535 / 871951446684500 9290035536 / 871951446686900	Model number / EOC code: 9290035540 / 871951446700200 9290035541 / 871951446696800 9290035542 / 871951446698200
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 136.207	188708	1	* / CF	* / CF
	ELXc 236.202	188316	2	* / CF	* / CF
	ELXc 236.208	188705	2	* / CF	* / CF
	ELXe 238.527	188137	2	CF	CF
	ELXe 238.527	188137	1	CF	CF
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1	CF	CF
	BCS36.2FX-11/220-240	10077591	2		
	D36.2-23021 E	166132	2		
	D 58.1-23021 E	166072	1	* / CF	* / CF
	ECS36.2SR-01/220-240	167032	2		
Trilux	D36.2-23021 E		2		
	D58.1-23021E		1	*	*
	DD58.1-23031E		1		
Others	EM ballast				
	Direct Mains				

General notes Philips Master LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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 T8 - 1200 mm

Ballast Compatibility

KEY

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1200mm 14W 833 T8 FOOD	MAS LEDtube HF 1200mm HO 14W8xx T8	MAS LEDtube HF 1200mm UO 16W8xx T8
				Model number / EOC code: 9290024794 / 871951429616900	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
PHILIPS	HF-B 136 TLD 220-240	9137001122	1	*	*	*
PHILIPS	HF-B 136 TLD EII 220-240	9137001926	1	*	*	*
PHILIPS	HF-B 236 TL-D 220-240	9137001124	2	*	*	*
PHILIPS	HF-B 236 TLD EII 220-240	9137001928	2	*	*	
PHILIPS	HF-E 136 TL-D II	9137130410	1			
PHILIPS	HF-E 236 TL-D	9137130391	2			
PHILIPS	HF-E 236 TL-D II	9137130411	2			
PHILIPS	HF-K 136 TLD 220-240	9137001477	1	*	*	*
PHILIPS	HF-P 136 TL-D III IDC	9137130315	1			
PHILIPS	HF-P 236 TL-D III IDC	9137130316	2			
PHILIPS	HF-P 336 TL-D III IDC	9137130317	3	*	*	*
PHILIPS	HF-P Xt 136 TLD EII 220-240	9137006177	1	*	*	*
PHILIPS	HF-P XT 236 TLD EII 220-240	9137006178	2	*	*	*
PHILIPS	HF-P 136 TLD EII 220-240	9137001911	1	*	*	*
PHILIPS	HF-P 236 TLD 230-240	9137001112	2			*
PHILIPS	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1			
PHILIPS	HF-R 136 TL-D EII	9137006092	1	Dim	Dim	Dim
PHILIPS	HF-R 236 TL-D EII	9137006093	2			
PHILIPS	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1			
PHILIPS	HF-S 136 TL-D II	9137130321	1	*	*	*
PHILIPS	HF-S 236 TL-D II	9137130324	2			
PHILIPS	HF-S 336 TL-D II	9137130327	3	*	*	*
PHILIPS	HF-P 118/136 TL-D III	9137130315	1			
PHILIPS	HF-S 118/136 TL-D II	9137130321	1	*	*	
PHILIPS	HF-P 218/236 TL-D III	9137130316	2			
PHILIPS	HF-S 218/236 TL-D II	9137130324	2			
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1			
PHILIPS	EB-Ci 1-2 36w/1-4 18W	9137130431	1			
PHILIPS	EB-Ci 1-2 36w/1-4 18W	9137130431	2			
OSRAM	QT-FIT8 1x36		1	*	*	*
OSRAM	QT-FIT8 2x36		2	*	*	*
OSRAM	QTP8 1x36		1	*	*	*
OSRAM	QTP8 2x36		2	*	*	*
OSRAM	QTP-OPTIMAL 1x18-40		1			
OSRAM	QTP-OPTIMAL 2x18-40		2	*	*	*
OSRAM	QTP-DL 1x36-40		1			
OSRAM	QT-FIT 5/8 1x18-39		1			
OSRAM	QT-FIT 5/8 2x18-39		2	*	*	*
HELVAR	EL1x36/40/18S		1	*	*	*
HELVAR	EL1x36HF		1			
HELVAR	EL1x36ngn		1	*	*	*
HELVAR	EL2x36/40s		2	*	*	*
HELVAR	EL2x36ngn		2			
TRIDONIC ATCO	PC 1/36 T8 INDUSTRY	86458035	1			
TRIDONIC ATCO	PC 1/36 T8 PRO	22176217	1			
TRIDONIC ATCO	PC 1x36 T8 PRO lp	22185214	1			
TRIDONIC ATCO	PC2/36 T8 INDUSTRY	86458036	2	*	*	*
TRIDONIC ATCO	PC2x36 T8 PRO sl	22185217	2	*	*	*
TRIDONIC ATCO	PC 2x36 T8 TOP sl	22185226	2	*	*	*
TRIDONIC ATCO	PC 1x36 T8 TOP sl	22185223	1			
TRIDONIC ATCO	PC1/36 T8 PRO sc	89800008	1			
TRIDONIC ATCO	PC 1/36 T8 PRO	22176108	1			
TRIDONIC ATCO	PC 3/36 T8 PRO	22176231	3	*	*	*
TRIDONIC ATCO	PC 1/36 TCL PRO	87500507	1			

MASTER LEDtube HF T8 - 1200 mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1200mm 14W 833 T8 FOOD	MAS LEDtube HF 1200mm HO 14W8xx T8	MAS LEDtube HF 1200mm UO 16W8xx T8
				Model number / EOC code: 9290024794 / 871951429616900	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
VOSSLOH-SCHWABE	ELXc 136.207	188708	1		*	*
VOSSLOH-SCHWABE	ELXc 236.202	188316	2		*	*
VOSSLOH-SCHWABE	ELXc 236.208	188705	2		*	*
VOSSLOH-SCHWABE	ELXe 238.527	188137	2			
VOSSLOH-SCHWABE	ELXe 238.527	188137	1			
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1			
BAG-HUECO	BCS36.2FX-11/220-240	10077591	2			
BAG-HUECO	D36.2-23021 E	166132	2		*	*
BAG-HUECO	D 58.1-23021 E	166072	1		*	*
BAG-HUECO	ECS36.2SR-01/220-240	167032	2			
Trilux	D36.2-23021 E		2			
Trilux	D58.1-23021E		1		*	*
Trilux	DD58.1-23031E		1			
Others	EM ballast					
Others	Direct Mains					

General notes Philips Master LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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 T8 - 1500 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
Dim	Ballast is compatible and conditional released for dimming
CF	Ballast is compatible and supports camera friendly performance on commonly used consumer cameras
	Ballast is not compatible
	Ballast LEDtube combination not tested

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

Works with High Frequency ballast (HF)

				MAS LEDtube HF 1500mm HO 20W8xx T8	MAS LEDtube HF 1500mm UO 24W8xx T8
				Model number / EOC code: 9290035537 / 871951446694400 9290035538 / 871951446690600 9290035539 / 871951446692000	Model number / EOC code: 9290035543 / 871951446706400 9290035544 / 871951446702600 9290035545 / 871951446704000
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EI 158 TL-D 220-240	9137 006 075	1		*
PHILIPS	HF-B 158 TLD 220-240	9137 001 123	1		
PHILIPS	HF-B 158 TLD EII 220-240	9137 001 927	1	*	*
PHILIPS	HF-B 258 TLD 220-240	9137 001 125	2	*	
PHILIPS	HF-B 258 TL-D EII 220-240	9137 001 929	2	* / CF	* / CF
PHILIPS	HF-E 158 TL-D	9137 130 389	1		
PHILIPS	HF-E 1/2 58 TL-D II	9137 130 409	2		
PHILIPS	HF-E 1/2 58 TL-D II	9137 130 409	1	* / CF	* / CF
PHILIPS	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	CF	CF
PHILIPS	HF-P 158 TLD 230-240	9137001111	1	CF	CF
PHILIPS	HF-P 158 TLD EII 220-240	9137 001 912	1	*	*
PHILIPS	HF-P 158 TL-D III IDC	9137 130 318	1	CF	CF
PHILIPS	HF-P 258 TLD EII 220-240	9137 001 916	2	* / CF	* / CF
PHILIPS	HF-P 258 TL-D III IDC	9137 130 319	2		
PHILIPS	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	* / CF	* / CF
PHILIPS	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	* / CF	* / CF
PHILIPS	HF-P 158 TLD 220-240	9137 001 185	1		
PHILIPS	HF-P 258 TLD 230-240	9137 001 110	2	*	*
PHILIPS	HF-R 258 TLD 220-240	9137 001 119	2	*	
PHILIPS	HF-R 158 TLD EII	9137 006 094	1	Dim / CF	Dim / CF
PHILIPS	HF-R 258 TLD EII	9137 006 095	2		
PHILIPS	HF-RiTD 1 28/35/49/54TL5	9137006956	1		
PHILIPS	HF-RiTD 2 28/35/49/54TL5	9137006958	2		
PHILIPS	HF-S 158 (Designed for Philips Luminaires)		1	*	*
PHILIPS	HF-S 158 TL-D II	9137 130 322	1	CF	CF
PHILIPS	HF-S 258 TL-D II	9137 130 325	2	CF	CF
PHILIPS	HF-S 258 TL-D II HT	9137 006 899	2	CF	CF
PHILIPS	HF-S 158 TLD 220-240	9137 006 319	1	CF	CF
PHILIPS	EB-P 258 TLD ICC 220-240	9137 130 210	2	* / CF	* / CF
PHILIPS	HF-P 258 TLD 220-240	9137001206	2		
PHILIPS	HF-S 258 TLD 220-240	9137006452	2	CF	CF
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1		
OSRAM	QT Deluxe HF 2x58 230-240 Dim		2		
OSRAM	QT-FIT8 1x58-70		1	CF	CF
OSRAM	QT-FIT8 2x58-70		2		
OSRAM	QTP8 1x58		1	* / CF	* / CF
OSRAM	QTP8 2x58		2	*	*
OSRAM	QTP 2x58/230-240		2	* / CF	* / CF
OSRAM	QTP 1x58/230-240		1		
OSRAM	QTP-OPTIMAL 1x54-58		1	CF	CF
OSRAM	QTP-OPTIMAL 2x54-58		2	CF	CF
OSRAM	QT 1X58 DIM		1		
OSRAM	QT-FIT 5/8 1x54-58		1	CF	CF
OSRAM	QT-FIT 5/8 2x54-58		2	CF	CF
OSRAM	QT-FIT8 2x58		2	CF	CF
HELVAR	EL1x58ngn		1		
HELVAR	EL1x58s		1	CF	CF
HELVAR	EL2x58es		2	*	*
HELVAR	EL2x58HF		2	CF	CF
HELVAR	EL2x58ngn		2		*
HELVAR	EL2x58s		2	CF	CF
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86 458 037	1	* / CF	* / CF
TRIDONIC ATCO	PC 1/58 T8 PRO	22 176 094	1	* / CF	* / CF
TRIDONIC ATCO	PC 1/58 T8 PRO	22 176 007	1	* / CF	* / CF
TRIDONIC ATCO	PC 1x58 T8 PRO lp	22 185 215	1	CF	CF
TRIDONIC ATCO	PC 2/58 T8 INDUSTRY	86 458 038	2	* / CF	* / CF
TRIDONIC ATCO	PC 2x58 E011		2		
TRIDONIC ATCO	PC 2x58 E011 IDC	22 083 174	2		
TRIDONIC ATCO	PC 2x58 T8 PRO sl	22 185 218	2	* / CF	* / CF
TRIDONIC ATCO	PC 1x58 T8 TOP sl	22185224	1	CF	
TRIDONIC ATCO	PC 2x58 T8 TOP sl	22185227	2	* / CF	* / CF
TRIDONIC ATCO	PCA 1/58 excel one4all	22 085 286	1		
TRIDONIC ATCO	PCA 2x58 EXCEL One4all lp	28 000 040	2		

MASTER LEDtube HF T8 - 1500 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
Dim	Ballast is compatible and conditional released for dimming
CF	Ballast is compatible and supports camera friendly performance on commonly used consumer cameras
	Ballast is not compatible
	Ballast LEDtube combination not tested

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1500mm HO 20W8xx T8	MAS LEDtube HF 1500mm UO 24W8xx T8
				Model number / EOC code: 9290035537 / 871951446694400 9290035538 / 871951446690600 9290035539 / 871951446692000	Model number / EOC code: 9290035543 / 871951446706400 9290035544 / 871951446702600 9290035545 / 871951446704000
	Ballast type	**10nc / Ref. no.**	**Lamps on ballast**	**AC (50 Hz) on HF Ballast Compatible**	**AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	CF	CF
	ELXc 158.209	188706	1	CF	CF
	ELXc 158.218	188870	1	CF	CF
	ELXc 258.203	188317	2	CF	CF
	ELXc 258.210	188707	2	* / CF	* / CF
	ELXc 258.219	188871	2	* / CF	* / CF
	ELXe 258.222	188130	2	CF	CF
	ELXe 258.222	188130	1	CF	CF
	ELXe 158.524	188024	1	CF	CF
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145	1		
	BCS58.1FX-11/220-240	1007 7592	1	CF	CF
	BCS58.2FX-11/220-240	1007 7593	2		
	BCS58.2SX-01/220-240	1005 1003	2		
	BCS58.1SR-01/220-240	1005 1002	1	* / CF	* / CF
	D 58.1-23021 E	166 072	1		
	D 58.2-23021 E	166 082	2		
	SCS58.2SR-11/220-240	166 272	2		
Trilux	D58.1-23021E		1		
	DD58.1-23031E		1		
May + Christie	MCU 158		1		
	MCU 258		2		
Others	Direct mains				
	Electro Magnetic Ballast				

General notes Philips Master LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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 T8 - 1500 mm

Ballast Compatibility

KEY

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1500mm HO 20W8xx T8	MAS LEDtube HF 1500mm UO 24W8xx T8
				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
PHILIPS	EI 158 TL-D 220-240	9137 006 075	1		*
PHILIPS	HF-B 158 TLD 220-240	9137 001 123	1		
PHILIPS	HF-B 158 TLD EII 220-240	9137 001 927	1	*	*
PHILIPS	HF-B 258 TLD 220-240	9137 001 125	2	*	
PHILIPS	HF-B 258 TL-D EII 220-240	9137 001 929	2	*	*
PHILIPS	HF-E 158 TL-D	9137 130 389	1		
PHILIPS	HF-E 1/2 58 TL-D II	9137 130 409	2		
PHILIPS	HF-E 1/2 58 TL-D II	9137 130 409	1	*	*
PHILIPS	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1		
PHILIPS	HF-P 158 TLD 230-240	9137001111	1		
PHILIPS	HF-P 158 TLD EII 220-240	9137 001 912	1	*	*
PHILIPS	HF-P 158 TL-D III IDC	9137 130 318	1		
PHILIPS	HF-P 258 TLD EII 220-240	9137 001 916	2	*	*
PHILIPS	HF-P 258 TL-D III IDC	9137 130 319	2		
PHILIPS	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	*	*
PHILIPS	HF-P 158 TLD 220-240	9137 001 185	1		
PHILIPS	HF-P 258 TLD 230-240	9137 001 110	2	*	*
PHILIPS	HF-R 258 TLD 220-240	9137 001 119	2	Dim/*	Dim
PHILIPS	HF-R 158 TLD EII	9137 006 094	1	Dim	Dim
PHILIPS	HF-R 258 TLD EII	9137 006 095	2		
PHILIPS	HF-RiTD 1 28/35/49/54TL5	9137006956	1		
PHILIPS	HF-RiTD 2 28/35/49/54TL5	9137006958	2		
PHILIPS	HF-S 158 (Designed for Philips Luminaires)		1	*	*
PHILIPS	HF-S 158 TL-D II	9137 130 322	1		
PHILIPS	HF-S 258 TL-D II	9137 130 325	2		
PHILIPS	HF-S 258 TL-D II HT	9137 006 899	2		
PHILIPS	HF-S 158 TLD 220-240	9137 006 319	1		
PHILIPS	EB-P 258 TLD ICC 220-240	9137 130 210	2	*	*
PHILIPS	HF-P 258 TLD 220-240	9137001206	2		
PHILIPS	HF-S 258 TLD 220-240	9137006452	2		
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1		
OSRAM	QT Deluxe HF 2x58 230-240 Dim		2		
OSRAM	QT-FIT8 1x58-70		1		
OSRAM	QT-FIT8 2x58-70		2		
OSRAM	QTP8 1x58		1	*	*
OSRAM	QTP8 2x58		2	*	*
OSRAM	QTP 2x58/230-240		2		
OSRAM	QTP 1x58/230-240		1		
OSRAM	QTP-OPTIMAL 1x54-58		1		
OSRAM	QTP-OPTIMAL 2x54-58		2		
OSRAM	QT 1X58 DIM		1		
OSRAM	QT-FIT 5/8 1x54-58		1		
OSRAM	QT-FIT 5/8 2x54-58		2		
OSRAM	QT-FIT8 2x58		2		
HELVAR	EL1x58ngn		1		
HELVAR	EL1x58s		1		
HELVAR	EL2x58es		2	*	*
HELVAR	EL2x58HF		2		
HELVAR	EL2x58ngn		2		*
HELVAR	EL2x58s		2		
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86 458 037	1	*	*
TRIDONIC ATCO	PC 1/58 T8 PRO	22 176 094	1	*	*
TRIDONIC ATCO	PC 1/58 T8 PRO	22 176 007	1		
TRIDONIC ATCO	PC 1x58 T8 PRO lp	22 185 215	1		
TRIDONIC ATCO	PC 2/58 T8 INDUSTRY	86 458 038	2	*	*
TRIDONIC ATCO	PC 2x58 E011		2	*	*
TRIDONIC ATCO	PC 2x58 E011 IDC	22 083 174	2		
TRIDONIC ATCO	PC 2x58 T8 PRO sl	22 185 218	2	*	*
TRIDONIC ATCO	PC 1x58 T8 TOP sl	22185224	1		
TRIDONIC ATCO	PC 2x58 T8 TOP sl	22185227	2	*	*
TRIDONIC ATCO	PCA 1/58 excel one4all	22 085 286	1		
TRIDONIC ATCO	PCA 2x58 EXCEL One4all lp	28 000 040	2		

MASTER LEDtube HF T8 - 1500 mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MAS LEDtube HF 1500mm HO 20W8xx T8	MAS LEDtube HF 1500mm UO 24W8xx T8
				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**
VOSSLOH-SCHWABE	ELXc 158.201	188315	1		
	ELXc 158.209	188706	1		
	ELXc 158.218	188870	1		
	ELXc 258.203	188317	2		
	ELXc 258.210	188707	2	*	*
	ELXc 258.219	188871	2	*	*
	ELXe 258.222	188130	2		
	ELXe 258.222	188130	1		
	ELXe 158.524	188024	1		
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145	1	Dim / *	Dim / *
	BCS58.1FX-11/220-240	1007 7592	1		
	BCS58.2FX-11/220-240	1007 7593	2		
	BCS58.2SX-01/220-240	1005 1003	2		
	BCS58.1SR-01/220-240	1005 1002	1		
	D 58.1-23021 E	166 072	1		
	D 58.2-23021 E	166 082	2		
	SCS58.2SR-11/220-240	166 272	2		
Trilux	D58.1-23021E		1		
	DD58.1-23031E		1		
May + Christie	MCU 158		1		
	MCU 258		2		
Others	Direct mains				
	Electro Magnetic Ballast				

General notes Philips Master LEDtube HF InstantFit T8

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
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Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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 Value LEDtube Universal T8 - 1200 mm

Ballast Compatibility

KEY

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

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

Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1200mm UO 15.5W8xx T8 Product reference number: 9290029970 / 871951431668300 9290029971 / 871951431670600 9290029972 / 871951431672000 AC (50Hz) on HF Ballast Compatible
PHILIPS	HF-B 136 TLD 220-240	9137001122	1	*
	HF-B 136 TLD EII 220-240	9137001926	1	*
	HF-B 236 TL-D 220-240	9137001124	2	*
	HF-B 236 TLD EII 220-240	9137001928	2	*
	HF-E 136 TL-D II	9137130410	1	
	HF-E 236 TL-D	9137130391	2	
	HF-E 236 TL-D II	9137130411	2	
	HF-K 136 TLD 220-240	9137001477	1	*
	HF-P 136 TL-D III IDC	9137130315	1	
	HF-P 236 TL-D III IDC	9137130316	2	
	HF-P 336 TL-D III IDC	9137130317	3	*
	HF-P Xt 136 TLD EII 220-240	9137006177	1	*
	HF-P XT 236 TLD EII 220-240	9137006178	2	*
	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 1 14/21/24/39TL5 E+	9137006983	1	
	HF-Ri TD 2 14/21/24/39TL5 E+	9137006984	2	
	HF-S 136 TL-D II	9137130321	1	*
	HF-S 236 TL-D II	9137130324	2	*
	HF-S 336 TL-D II	9137130327	3	*
	HF-P 118/136 TL-D III	9137130315	1	
	HF-S 118/136 TL-D II	9137130321	1	*
	HF-P 218/236 TL-D III	9137130316	2	
	HF-S 218/236 TL-D II	9137130324	2	
	HF-P 136 TLD 220-240	9137001727	1	**
	HF-P 138 TLD 220-240	9137001220	1	
	HF-P 236 TLD 220-240	9137001187	2	*
OSRAM	QT-FIT8 1x36		1	**
	QT-FIT8 2x36		2	**
	QTP8 1x36		1	*
	QTP8 2x36		2	**
	QTP-OPTIMAL 1x18-40		1	
	QTP-OPTIMAL 2x18-40		2	*
	QT-FIT 5/8 2x18-39		2	*
	QTP-DL 1x36-40		1	*
	QT-FIT 5/8 1x18-39		1	
	QTP-DL 2x36-40		2	
HELVAR	EL1x36/40/18S		1	**
	EL1x36HF		1	
	EL1x36ngn		1	
	EL2x36/40s		2	**
	EL2x36ngn		2	
	EL 1X36sc			
	EL 2X36sc			

MASTER Value LEDtube Universal T8 - 1200 mm

Ballast Compatibility

KEY

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

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

Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1200mm UO 15.5W8xx T8 Product reference number: 9290029970 / 871951431668300 9290029971 / 871951431670600 9290029972 / 871951431672000 AC (50Hz) on HF Ballast Compatible
TRIDONIC ATCO	PC 1/36 T8 INDUSTRY	86458035	1	*
	PC 1/36 T8 PRO	22176217	1	*
	PC 1x36 T8 PRO lp	22185214	1	
	PC2/36 T8 INDUSTRY	86458036	2	*
	PC2x36 T8 PRO sl	22185217	2	*
	PC 2x36 T8 TOP sl	22185226	2	*
	PC 1x36 T8 TOP sl	22185223	1	
	PC1/36 T8 PRO sc	89800008	1	
	PC 1/36 T8 PRO	22176108	1	
	PC 3/36 T8 PRO	22176231	3	**
	PC 1/36 TCL PRO	87500507	1	*
	PC 2/36 TCL PRO	87500518	2	
VOSSLOH-SCHWABE	ELXc 136.207	188708	1	**
	ELXc 236.202	188316	2	*
	ELXc 236.208	188705	2	
	ELXe 238.527	188137	2	
	ELXe 238.527	188137	1	
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1	
	BCS36.2FX-11/220-240	10077591	2	
	D36.2-23021 E	166132	2	*
	D 58.1-23021 E	166072	1	*
	ECS36.2SR-01/220-240	167032	2	
Trilux	D36.2-23021 E		2	
	D58.1-23021E		1	*
	DD58.1-23031E		1	
Others	EM ballast		1	
	Direct Mains		1	

General notes Philips MASTER Value LEDtube Universal

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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 Value LEDtube Universal T8 - 1500 mm

Ballast Compatibility

KEY

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

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

Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1500mm UO 23W8xx T8 Product reference number: 9290029973 / 871951431674400 9290029974 / 871951431676800 9290029975 / 871951431678200 AC (50Hz) on HF Ballast Compatible
PHILIPS	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	
	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	9137 001 119	2	
	HF-R 158 TLD EII	9137 006 094	1	
	HF-R 258 TLD EII	9137 006 095	2	
	HF-RiTD 1 28/35/49/54TL5 E+	9137006956	1	
	HF-P 158 TLD 230-240	9137001111	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	
OSRAM	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	
	QTP8 2x58		2	**
	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	
	QTP 1x58/230-240		1	
	QTP 2x58/230-240		2	*
HELVAR	EL1x58ngn		1	
	EL1x58s		1	
	EL2x58es		2	*
	EL2x58HF		2	
	EL2x58ngn		2	
	EL2x58s		2	

MASTER Value LEDtube Universal T8 - 1500 mm

Ballast Compatibility

KEY

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

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1500mm UO 23W8xx T8 Product reference number: 9290029973 / 871951431674400 9290029974 / 871951431676800 9290029975 / 871951431678200 AC (50Hz) on HF Ballast Compatible
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86 458 037	1	**
	PC 1x58 T8 PRO lp	22 185 215	1	
	PC 1/58 T8 PRO	22176094	1	**
	PC 2/58 T8 INDUSTRY	86 458 038	2	*
	PC 2x58 E011 IDC	22 083 174	2	
	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 lp	28 000 040	2	
	PC 1x58 T8 TEC	87500150	1	
	PC 1/58 T8 PRO	22176007	1	
	PCA 1x58 T8 EXCEL One4all lp	28000036	1	
	PCA 1x58 T8 BASIC lp	28000043	1	
	PCA 1x58 T8 Eco lp	28000037	1	
	PC 2x58 T8 TEC	87500151	2	
	PCA 2x58 T8 ECO lp	28000041	2	
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	
	ELXc 158.209	188706	1	
	ELXc 258.203	188317	2	
	ELXc 258.210	188707	2	
	ELXc 258.219	188871	2	*
	ELXe 258.222	188130	2	
	ELXe 258.222	188130	1	
	ELXe 158.524	188024	1	
BAG-HUECO	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	
	BCS58.2SX-01/220-240	1005 1003	2	
	D 58.1-23021 E	166072	1	
	D 58.2-23021 E	166082	2	
	SCS58.2SR-11/220-240	166272	2	
	BCS58.1SR-01/220-240	10051002	1	*
	SCS58.1S-01/230-240	166352	1	
	ECS58.2SR-01/220-240	167172	2	
Trilux	D58.1-23021E		1	
	DD58.1-23031E		1	
	D58.2-23021E			
May + Christie	MCU 158		1	
	MCU 258		2	
Others	Direct mains			
	Electro Magnetic Ballast			

General notes Philips MASTER Value LEDtube Universal

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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

Ballast Compatibility

KEY

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

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 600mm HO 8W8xx T8 Model number / EOC code: 9290024198A, 9290024198B / 871869978277100 9290024199A, 9290024199B / 871869978279500 9290024200A, 9290024200B / 871869978281800 AC (50Hz) on HF Ballast Compatible
PHILIPS	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	9137004234	1	*
	HF-P 3/4x18 TLD III IDC	9137130314	3	
	HF-P 3/4x18 TLD III IDC	9137130314	4	
	HF-S 118/136 TL-D II	9137130321	1	
	HF-Ri TD 1 14/21/24/39 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 1 14/21/24/39 TL5 EII 220-240	9137006240	1	
	EB-Ci 1-2 36w/1-4 18W	9137130431	1	
	HF-P 218/236 TL-D III	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	*
	HF-P 3/4 18 TLD EII 220-240	9137001919	3	
	HF-P 3/4 18 TLD EII 220-240	9137001919	4	
OSRAM	QTP8 1x18		1	*
	QTP8 2x18		2	**
	QT-FIT8 1x18		1	**
	QT-FIT8 2x18		2	
	QT Fit 5/8 1x18-39		1	
	QTP-OPTIMAL 118-40		1	
	QT Fit 5/8 2x18-39		2	*
	QT-FIT8 3/4X18		3	*
	QT-FIT8 3/4X18		4	*
HELVAR	EL1x18ngn		1	
	EL2x18ngn		2	
	EL 3/4x18ngn		3	*
	EL 3/4x18ngn		4	*
	EL1x18s		1	
	EL 4x18ngn		4	
	EL2x18s		2	
TRIDONIC ATCO	PC 118 PRO lp	22185213	1	
	PC 218 PRO lp	22185216	2	
	PC 1X18-24W BASIC	22176000	1	*
	PC 1x18 T8 TOP sl	22185222	1	
	PC 3/4X18 TOP lp	22185219 / 22185228	3	
	PC 3/4X18 TOP lp	22185219 / 22185228	4	*
	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	

CorePro LEDtube Universal T8 - 600 mm

Ballast Compatibility

KEY

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

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 600mm HO 8W8xx T8 Model number / EOC code: 9290024198A, 9290024198B / 871869978277100 9290024199A, 9290024199B / 871869978279500 9290024200A, 9290024200B / 871869978281800 AC (50Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 136.200	188314	1	*
	ELXc 236.208		2	
	ELXc 424.379	188116	3	
	ELXc 424.379	188116	4	
	ELXc 418.204	188318	3	*
	ELXc 418.204	188318	4	*
	ELXc 136.207		1	**
	ELXc 118.520	188020	1	
BAG-HUECO	BCS18.1FX-11/220-240	10077588	1	
	BCS18.2FX-11/220-240	10077589	2	
	BCS18.3-4LR-01/220-240 3lamp	10050999	3	
	BCS18.3-4LR-01/220-240 4lamp	10050999	4	
Others	Direct mains			
	Electro Magnetic Ballast			

General notes Philips CorePro LEDtube Universal

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed.
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Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Signify 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 - 1200 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
	Ballast is not compatible
	Ballast LEDtube combination not tested

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

Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 1200mm HO 18W8xx T8 Model number / EOC code: 9290018692B, 9290018692C / 871869680166600 9290018693B, 9290018693C / 871869680168000 9290018694B, 9290018694C / 871869680170300 AC (50Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1	
	EB-S 236 TL-D 220-230	9137130216	2	
	HF-B 136 TLD 220-240	9137001122	1	
	HF-B 136 TLD EII 220-240	9137001926	1	
	HF-B 236 TL-D 220-240	9137001124	2	
	HF-B 236 TLD EII 220-240	9137001928	2	
	HF-E 136 TL-D II	9137130410	1	
	HF-E 236 TL-D	9137130391	2	
	HF-E 236 TL-D II	9137130411	2	
	HF-K 136 TLD 220-240	9137001477	1	
	HF-P 136 TL-D III IDC	9137130315	1	
	HF-P 236 TL-D III IDC	9137130316	2	
	HF-P 336 TL-D III IDC	9137130317	3	*
	HF-P Xt 136 TLD EII 220-240	9137006177	1	
	HF-P XT 236 TLD EII 220-240	9137006178	2	*
	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 1 14/21/24/39TL5 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	
OSRAM	QT-FIT8 1x36		1	
	QT-FIT8 2x36		2	
	QTP8 1x36		1	
	QTP8 2x36		2	
	QTP-OPTIMAL 1x18-40		1	
	QTP-OPTIMAL 2x18-40		2	*
	QT-FIT 5/8 2x18-39		2	*
HELVAR	EL1x36/40/18S		1	
	EL1x36HF		1	
	EL1x36ngn		1	*
	EL2x36/40s		2	*
	EL2x36ngn		2	
TRIDONIC ATCO	PC 1/36 T8 INDUSTRY	86458035	1	
	PC 1/36 T8 PRO	22176217	1	
	PC 1x36 T8 PRO lp	22185214	1	
	PC2/36 T8 INDUSTRY	86458036	2	*
	PC2x36 T8 PRO sl	22185217	2	
	PC 2x36 T8 TOP sl	22185226	2	
	PC 1x36 T8 TOP sl	22185223	1	
	PC1/36 T8 PRO sc	89800008	1	
	PC 3/36 T8 PRO	22176231	3	*

CorePro LEDtube Universal T8 - 1200 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
	Ballast is not compatible
	Ballast LEDtube combination not tested

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Universal with InstantFit™ technology

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

General notes Philips CorePro LEDtube Universal

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

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

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
	Ballast is not compatible
	Ballast LEDtube combination not tested

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

Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 1500mm HO 23W8xx T8 Model number / EOC code: 9290018695B, 9290018695C / 871869680172700 9290018696B, 9290018696C / 871869680174100 9290018697B, 9290018697C / 871869680176500 AC (50Hz) on HF Ballast Compatible
PHILIPS	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	
	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	9137 001 119	2	
	HF-R 158 TLD EII	9137 006 094	1	
	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 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	
OSRAM	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	
	QTP8 2x58		2	*
	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	
HELVAR	EL1x58ngn		1	
	EL1x58s		1	
	EL2x58es		2	
	EL2x58HF		2	
	EL2x58ngn		2	
	EL2x58s		2	
TRIDONIC ATCO	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	
	PC 2x58 E011		2	
	PC 2x58 E011 IDC	22 083 174	2	
	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 lp	28 000 040	2	

CorePro LEDtube Universal T8 - 1500 mm

Ballast Compatibility

KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
	Ballast is not compatible

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 1500mm HO 23W8xx T8 Model number / EOC code: 9290018695B, 9290018695C / 871869680172700 9290018696B, 9290018696C / 871869680174100 9290018697B, 9290018697C / 871869680176500 AC (50Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	
	ELXc 158.209	188706	1	
	ELXc 158.218	188870	1	
	ELXc 258.203	188317	2	
	ELXc 258.210	188707	2	
	ELXc 258.219	188871	2	*
	ELXe 258.222	188130	2	
	ELXe 258.222	188130	1	
	ELXe 158.524	188024	1	
BAG-HUECO	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	
	BCS58.2SX-01/220-240	1005 1003	2	
	BCS58.1SR-01/220-240		1	*
	D 58.1-23021 E	166072	1	
	D 58.2-23021 E	166082	2	
	SCS58.2SR-11/220-240	166 272	2	
Trilux	D58.1-23021E		1	
	DD58.1-23031E		1	
	D58.2-23021E		2	
May + Christie	MCU 158		1	
	MCU 258		2	
Others	Direct Mains (only one single side supply)			
	Electro Magnetic Ballast			

General notes Philips CorePro LEDtube Universal

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

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

Always check the latest update of the compatibility list on www.philips.com/ledtube

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

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