



Table of content

MASTER LEDtube HF T5

• MASTER LEDtube HF T5 HO - 1200 mm	2
• MASTER LEDtube HF T5 HO - 1500 mm	4
• MASTER LEDtube HF T5 HO - 1500 mm	5
• MASTER LEDtube HF T5 UO - 1500 mm	6
• MASTER LEDtube HF T5 HE - 600 mm	7
• MASTER LEDtube HF T5 HE - 1200 mm	10
• MASTER LEDtube HF T5 HE - 1500 mm	12

MASTER LEDtube HF/Universal T8

• MASTER LEDtube HF T8 - 600 mm	14
• MASTER LEDtube HF T8 - 1200 mm	16
• MASTER LEDtube HF T8 - 1500 mm	18
• MASTER LEDtube Universal T8 - 1200 mm	20
• MASTER LEDtube Universal T8 - 1500 mm	22

MASTER Value LEDtube Universal T8

• MASTER Value LEDtube Universal T8 - 1200 mm	24
• MASTER Value LEDtube Universal T8 - 1500 mm	26

CorePro LEDtube Universal T8

• CorePro LEDtube Universal T8 - 600 mm	28
• CorePro LEDtube Universal T8 - 1200 mm	30
• CorePro LEDtube Universal T8 - 1500 mm	32

MASTER LEDtube HF T5 HO - 1200 mm

Ballast Compatibility



KEY

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

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



	Ballast type	12nc	Lamps on ballast
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
	HF-R Es 254 TL5	9137006619	2
	HF-R TD 154 TL5 EII 220-240	9137006064	1
	HF-S 154 TL5 II	9137130336	1
	HF-S 254 TL5 II	9137130337	2
	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
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2
	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	
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
	Qti 2x28/54 DIM		2
	Qti DALI 1x28/54 DIM		1
	Qti DALI 2x28/54 DIM		2
HELLVAR	EL1x54iDim		1
	EL1x54sc		1
	EL1x54ngn5		1
	EL1x54s		1
	EL2x54iDim		2
	EL2x54sc		2
EL2x54ngn5		2	

MAS LEDtube HF 1200mm HO 26W 8xx T5
Model number / EAN code: 9290023520 / 8718699749514 9290023521 / 8718699749538 9290023522 / 8718699749552
AC (50Hz) on HF Ballast Compatible
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dim
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* / dim
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(1)
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(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
	Ballast is compatible and conditional released for dimming
	Ballast is not compatible

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



			MAS LEDtube HF 1200mm HO 26W 8x T5
			Model number / EAN code: 9290023520 / 8718699749514 9290023521 / 8718699749538 9290023522 / 8718699749552
			AC (50Hz) on HF Ballast Compatible
	Ballast type	12nc	Lamps on ballast
TRIDONIC ATCO	PC 1/54 T5 INDUSTRY	89800458	1
	PC 1x54 T5 PRO lp	22185155	1
	PC 1x54 T5 TOP lp	22185165	1
	PC 2/54 T5 INDUSTRY	89800459	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
	ELXd 254.612	188341	2
	ELXd 154.603	188332	1
	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. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: 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

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



	Ballast type	12nc	Lamps on ballast
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
	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
	HF-S 149 TL5 II	9137130334	1
	HF-S 249 TL5 II	9137130335	2
	HF-R Es 249 TL5	9137006621	2
	HF-P Xt 249 TL5 EII 220-240	9137006298	2
	HF-P 249 TL5 220-240	9137001324	2
	HF-R Es 149 TL5	9137006620	1
	HF-P Xt 149 TL5 EII 220-240	9137006297	1
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1
	HF-R 149 TL5 EII	9137006086	1
	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
	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
	HF-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1
	HF-Ri TD135/49/80TL5E+	9137006559	1
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
	Qti DALI 1x35/49/80 DIM		1
	Qti 2x35/49/80 GII		2
	Qti 2x28/54/35/49 GII		2
	Qti 2x35/49 DIM		2
	Qti 2x35/49/80 DIM		2
	Qti DALI 2x35/49/80 DIM		2
	Qti DALI2x35/49 DIM		2
QTP51x49(longerVERSION)		1	
HELVAR	EL1x49ngn5		1
	EL1x49s		1
	EL1x49s-u		1
	EL2x49s		2
	EL1x49iDim		1
	EL1x49sc		1
	EL2x49iDim		2

MAS LEDtube HF 1500mm HO 26W 8xx T5
Model number / EAN code: 9290023523 / 8718699749576 9290023524 / 8718699749590 9290023525 / 8718699749613
AC (50Hz) on HF Ballast Compatible
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(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not dim below 10%/ Dalı step 170

MASTER LEDtube HF T5 HE - 600 mm

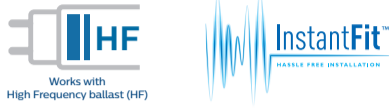
Ballast Compatibility



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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	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 600mm HE 8W 8xx T5
PHILIPS	BLUE 114 LH TL/PLS/PLC	9137004217	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	**
	HF-R 214-35 TL5 EII	9137006195	2	Dim (3)
	HF-R 3/414 TL5 220-240	9137001423	3	Dim
	HF-R 3/414 TL5 220-240	9137001423	4	** (1)
	HF-R 314 TL5 EII	9137006294	3	** (1)
	HF-R 414 TL5 EII	9137006144	4	Dim (3)
	HF-R DALI 214 TL5 220-240	9137001313	2	Dim (3)
	HF-R Es 114-35 TL5	9137006616	1	Dim (3)
	HF-R Es 214-35 TL5	9137006617	2	Dim (2) (3)
	HF-R TD 314 TL5 EII	9137006291	3	
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1	
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006708	1	*
	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	*
HF-Ri TD 4 14/24 TL5 E+	9137006791	4	*	
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	AA35298020L	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

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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
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Dim (3)
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**

	Ballast type	10nc / Ref. no.	Lamps on ballast	
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	
	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. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: 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

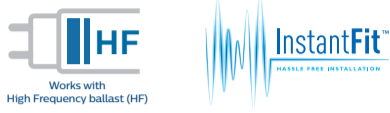
Ballast Compatibility



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

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			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	
Ballast type	12nc	Lamps on ballast		
TRIDONIC ATCO	PC 1/14-21-28-35 T5 PRO Ip	22087725	1	
	PC 1/14-21-28-35 T5 PRO Ip	22176096	1	
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	
	PC 1x14-35 T5 TOP Ip	22185157	1	
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	
	PC 2x14-28 T5 TOP Ip	22185158	2	
	PCA 1x28 T5 BASIC Ip	22185086	1	
	PCA 1x28/54 T5 ECO Ip	22185099	1	
	PCA 1x28/54 T5 EXCEL one4all Ip	22185108	1	
	PCA 2x28 T5 BASIC Ip	22185087	2	
	PCA 2x28/54 T5 ECO Ip	22185100	2	
	PCA 2x28/54 T5 EXCEL one4all Ip	22185109	2	
	VOSSLÖH-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	
ELXd 254.636		188949	2	
ELXd 135.724		188932	1	
ELXd 135.823		188717	1	
ELXd 154.603		188332	1	
ELXd 154.611		188340	1	
ELXd 235.725		188933	2	
ELXd 235.735	183059	2		
ELXd 254.604	188333	2		
ELXd 254.612	188341	2		
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	
	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. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: 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
	Ballast is compatible and conditional released for dimming
	Ballast is not compatible

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



	Ballast type	12nc	Lamps on ballast
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
	HF-R 214-35 TL5 EII	9137006195	2
	HF-R Es 114-35 TL5	9137006616	1
	HF-R Es 214-35 TL5	9137006617	2
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006708	1
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1
	HF-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1
	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 2 28/35/49/54 TL5 E+	9137006958	2
HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	
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
	Qti 2x35/49/80 DIM	AA3945102DG	2
	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
	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

MAS LEDtube HF 1500mm HE 20W 8x T5
Model number / EOC code: 9290013913A / 871869674335500 9290013914A / 871869674337900 9290013915A / 871869674339300
AC (50Hz) on HF Ballast Compatible
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* / Dim (3)
* / Dim (3)
* / Dim
* / Dim
* / Dim (2) (3)
* / Dim (3)
Dim (2) (3)
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Dim
Dim (2) (3)
Dim (2) (3)
Dim (2) (3)
Dim (2) (3)
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** (1)
* / Dim (3)
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*
* / Dim
*
*

(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

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



MAS LEDtube HF 1500mm HE 20W 8x T5
Model number / EOC code: 9290013913A / 871869674335500 9290013914A / 871869674337900 9290013915A / 871869674339300

	Ballast type	12nc	Lamps on ballast	Compatibility
TRIDONIC-ATCO	PC 1/14-21-28-35 T5 PRO Ip	22176096	1	■
	PC 1/14-21-28-35 T5 PRO Ip	22087725	1	■
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	■
	PC 1x14-35 T5 TOP Ip	22185157	1	■
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	■
	PC 2/35 T5 INDUSTRY	0	2	■
	PC 2x35 T5 TOP Ip	28000047	2	■
	PC 2x35 T5 TOP Ip	87500292	2	■
	PCA 1x35 T5 BASIC Ip	22185080	1	■
	PCA 1x35/49/80 T5 ECO Ip	22185096	1	■
	PCA 1x35/49/80 T5 EXCEL one4all Ip	22185105	1	■
	PCA 1x35/49/80 T5 EXCEL one4all Ip	22176172	1	■
	PCA 2x35 T5 BASIC Ip	22185081	2	■
	PCA 2x35/49 T5 ECO Ip	22185097	2	■
	PCA 2x35/49 T5 EXCEL one4all Ip	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	■
ELXd 235.725		188933	2	■
ELXd 235.735		183059	2	■
ELXd 249.606		188335	2	■
ELXd 249.614		188343	2	■
ELXd 280.630		188604	2	■
ELXd 280.631		188605	2	■
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	■
	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. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: 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
	Ballast is not compatible

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



	Ballast type	10nc / Ref. no.	Lamps on ballast
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
BAG-HUECO	BCS18.1FX-11/220-240	1007 7588	1
	BCS18.2FX-11/220-240	1007 7589	2
	BCS18.3-4LR-01/220-240 3lamp	1005 0999	3
	BCS18.3-4LR-01/220-240 4lamp	1005 0999	4
Others	Direct mains		
	Electro Magnetic Ballast		

MAS LEDtube HF 600mm HO 8W830 T8
Model number / EOC code: 9290013931A / 871869674353900 9290013932A / 871869674355300 9290013933A / 871869674367600
AC (50Hz) on HF Ballast Compatible
*
*
*

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 Philips sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: Philips 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
	Ballast is not compatible
X	Ballast LEDtube combination not tested

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



	Ballast type	10nc / Ref. no.	Lamps on ballast	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
				AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1			
	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	Dim	Dim	Dim
	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				
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 Ip	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				

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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



			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	
			AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	
VOSSLOH-SCHWABE	Ballast type	10nc / Ref. no.	Lamps on ballast			
	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 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 Philips sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Philips to offer dimming functionality. Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp. All other Philips LED tubes are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non dimmable product in a dimmable application, warranty does not apply.

MASTER LEDtube HF 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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



	Ballast type	10nc / Ref. no.	Lamps on ballast	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
				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		
	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 220-240	9137 001 110	2		
	HF-R 258 TLD 220-240	9137 001 119	2		
	HF-R 158 TLD EII	9137 006 094	1		
	HF-R 258 TLD EII	9137 006 095	2		
	HF-RITD 1 28/35/49/54TL5 E+	9137006956	1		
	HF-RITD 2 28/35/49/54TL5 E+	9137006958	2		
	HF-S 158		1		
	HF-S 158 TL-D II	9137 130 322	1		
	HF-S 258 TL-D II	9137 130 325	2		
	HF-S 258 TL-D II HT	9137 006 899	2		
	HF-S 158 TLD 220-240	9137 006 319	1		
	EB-P 258 TLD ICC 220-240	9137 130 210	2		
	HF-P 258 TLD 220-240	9137001206	2		
	HF-S 258 TLD 220-240	9137006452	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			

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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



			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
			AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	Ballast type	10nc / Ref. no.	Lamps on ballast	
	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	
	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 Philips sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Philips to offer dimming functionality. Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp. All other Philips LED tubes are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non dimmable product in a dimmable application, warranty does not apply.

MASTER LEDtube Universal T8 - 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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



MAS LEDtube UN 1200mm
UO 16W8xx T8

Model number / EOC code:
9290013361 / 871869670537700
9290013362 / 871869670539100
9290013360 / 871869672853600

AC (50Hz) on HF Ballast Compatible

	Ballast type	10nc	Lamps on ballast
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 14/21/24/28/39 TL5 EII 220-240	9137006240	1
	HF-R 136 TL-D EII	9137006092	1
	HF-R 236 TL-D EII	9137006093	2
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1
	HF-Ri TD 1 14/21/24/39TL5 E+	9137006983	1
	HF-Ri TD 2 14/21/24/39TL5 E+	9137006984	2
	HF-S 136 TL-D II	9137130321	1
	HF-S 236 TL-D II	9137130324	2
	HF-S 336 TL-D II	9137130327	3
	HF-P 118/136 TL-D III	9137130315	1
	HF-S 118/136 TL-D II	9137130321	1
	HF-P 218/236 TL-D III	9137130316	2
	HF-S 218/236 TL-D II	9137130324	2
	OSRAM	QT-FIT8 1x36	
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 ATO	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

MASTER 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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



	Ballast type	10nc	Lamps on ballast
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

MAS LEDtube UN 1200mm UO 16W8xx T8
Model number / EOC code: 9290013361 / 871869670537700 9290013362 / 871869670539100 9290013360 / 871869672853600
AC (50Hz) on HF Ballast Compatible
*
*

General notes Philips Master LEDtube Universal T8

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

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

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

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

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

MASTER LEDtube Universal T8 - 1500 mm



Ballast Compatibility

KEY

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

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	Ballast type	10nc / Ref. no.	Lamps on ballast
VOSSLÖH-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	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
	DD58.2-23021E		2
May + Christie	MCU 158		1
	MCU 258		2
Others	Direct Mains (only one single side supply)		
	Electro Magnetic Ballast		

MAS LEDtube UN 1500mm UO 24W8xx T8
Model number / EOC code: 9290013364 / 871869670533900 9290013365 / 871869670535300 9290013363 / 871869672851200
AC (50Hz) on HF Ballast Compatible

General notes Philips Master LEDtube Universal T8

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

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

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

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

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
	Ballast is compatible and conditional released for dimming
	Ballast is not compatible

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



MAS LEDtube VLE UN 1500mm UO
24W8xx T8

Product reference number:
9290029973 / 871951431674400
9290029974 / 871951431676800
9290029975 / 871951431678200

AC (50Hz) on HF Ballast Compatible

	Ballast type	10nc / Ref. no.	Lamps on ballast	Compatibility
PHILIPS	HF-B 158 TLD 220-240	9137 001 123	1	Compatible
	HF-B 158 TLD EII 220-240	9137 001 927	1	Compatible
	HF-B 258 TLD 220-240	9137 001 125	2	Compatible
	HF-B 258 TL-D EII 220-240	9137 001 929	2	Compatible
	HF-E 158 TL-D	9137 130 389	1	Not Compatible
	HF-E 1/2 58 TL-D II	9137 130 409	2	Compatible
	HF-E 1/2 58 TL-D II	9137 130 409	1	Compatible
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	Compatible
	HF-P 158 TLD EII 220-240	9137 001 912	1	Compatible
	HF-P 158 TL-D III IDC	9137 130 318	1	Compatible
	HF-P 258 TLD EII 220-240	9137 001 916	2	Compatible
	HF-P 258 TL-D III IDC	9137 130 319	2	Compatible
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	Not Compatible
	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	Not Compatible
	HF-P 158 TLD 220-240	9137 001 185	1	Compatible
	HF-P 258 TLD 230-240	9137 001 110	2	Compatible
	HF-R 258 TLD 220-240	9137 001 119	2	Not Compatible
	HF-R 158 TLD EII	9137 006 094	1	Not Compatible
	HF-R 258 TLD EII	9137 006 095	2	Not Compatible
	HF-RiTD 1 28/35/49/54TL5 E+	9137006956	1	Not Compatible
	HF-P 158 TLD 230-240	9137001111	1	Compatible
	HF-RiTD 2 28/35/49/54TL5 E+	9137006958	2	Not Compatible
	HF-S 158		1	Compatible
	HF-S 158 TL-D II	9137 130 322	1	Not Compatible
	HF-S 258 TL-D II	9137 130 325	2	Not Compatible
	HF-S 258 TL-D II HT	9137 006 899	2	Compatible
HF-S 158 TLD 220-240	9137 006 319	1	Not Compatible	
EB-P 258 TLD ICC 220-240	9137 130 210	2	Not Compatible	
HF-P 258 TLD 220-240	9137001206	2	Compatible	
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1	Not Compatible
	QT Deluxe HF 2x58 230-240 Dim		2	Not Compatible
	QT-FIT8 1x58 - 70		1	Compatible
	QT-FIT8 2x58 70		2	Not Compatible
	QTP8 1x58		1	Not Compatible
	QTP8 2x58		2	Compatible
	QTP-OPTIMAL 1x54-58		1	Not Compatible
	QTP OPTIMAL 2x54 58		2	Compatible
	QT 1X58 DIM		1	Not Compatible
	QT-FIT 5/8 1x54-58		1	Not Compatible
	QT-FIT 5/8 2x54-58		2	Not Compatible
	QT-FIT8 2x58		2	Compatible
	QTP 1x58/230-240		1	Not Compatible
	QTP 2x58/230-240		2	Compatible
HELVAR	EL1x58ngn		1	Not Compatible
	EL1x58s		1	Compatible
	EL2x58es		2	Not Compatible
	EL2x58HF		2	Not Compatible
	EL2x58ngn		2	Not Compatible
	EL2x58s		2	Compatible

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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



MAS LEDtube VLE UN 1500mm UO
24W8x T8

Product reference number:
9290029973 / 871951431674400
9290029974 / 871951431676800
9290029975 / 871951431678200

AC (50Hz) on HF Ballast Compatible

Ballast type	10nc / Ref. no.	Lamps on ballast	Compatibility	
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86 458 037	1	Compatible
	PC 1x58 T8 PRO lp	22 185 215	1	Compatible
	PC 1/58 T8 PRO	22176094	1	Compatible
	PC 2/58 T8 INDUSTRY	86 458 038	2	Compatible
	PC 2x58 E011 IDC	22 083 174	2	Compatible
	PC 2x58 T8 PRO sl	22 185 218	2	Incompatible
	PC 1x58 T8 TOP sl	22185224	1	Compatible
	PC 2x58 T8 TOP sl	22185227	2	Compatible
	PCA 1/58 excel one4all	22 085 286	1	Incompatible
	PCA 2x58 EXCEL One4all lp	28 000 040	2	Incompatible
	PC 1x58 T8 TEC	87500150	1	Incompatible
	PC 1/58 T8 PRO	22176007	1	Incompatible
	PCA 1x58 T8 EXCEL One4all lp	28000036	1	Incompatible
	PCA 1x58 T8 BASIC lp	28000043	1	Incompatible
	PCA 1x58 T8 Eco lp	28000037	1	Incompatible
	PC 2x58 T8 TEC	87500151	2	Incompatible
	PCA 2x58 T8 ECO lp	28000041	2	Incompatible
	VOSSLOH-SCHWABE	ELXc 158.201	188315	1
ELXc 158.209		188706	1	Compatible
ELXc 258.203		188317	2	Compatible
ELXc 258.210		188707	2	Compatible
ELXc 258.219		188871	2	Compatible
ELXe 258.222		188130	2	Compatible
ELXe 258.222		188130	1	Compatible
ELXe 158.524		188024	1	Compatible
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145	1	Compatible
	BCS58.1FX-11/220-240	1007 7592	1	Compatible
	BCS58.2FX-11/220-240	1007 7593	2	Compatible
	BCS58.2SX-01/220-240	1005 1003	2	Compatible
	D 58.1-23021 E	166 072	1	Incompatible
	D 58.2-23021 E	166 082	2	Incompatible
	SCS58.2SR-11/220-240	166 272	2	Incompatible
	BCS58.1SR-01/220-240	10051002	1	Compatible
	SCS58.1S-01/230-240	166352	1	Incompatible
	ECS58.2SR-01/220-240	167172	2	Incompatible
Trilux	D58.1-23021E		1	Incompatible
	DD58.1-23031E		1	Incompatible
	D58.2-23021E			Incompatible
May + Christie	MCU 158		1	Compatible
	MCU 258		2	Compatible
Others	Direct mains			Incompatible
	Electro Magnetic Ballast			Incompatible

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 Philips sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Philips to offer dimming functionality. Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp. All other Philips LED tubes are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non dimmable product in a dimmable application, warranty does not apply.

CorePro LEDtube Universal T8 - 600 mm

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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



	Ballast type	10nc / Ref. no.	Lamps on ballast
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		

CorePro LEDtube UN 600mm HO 8W8xx T8
Product reference number: 9290024198A / 8718699782771 9290024199A / 8718699782795 9290024200A / 8718699782818
AC (50Hz) on HF Ballast Compatible
*
*
*
*
*

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. Philips LEDtube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Philips sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: Ballast types indicated in this list with DIM are conditional released by Philips to offer dimming functionality. Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp. All other Philips LED tubes are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non dimmable product in a dimmable application, warranty does not apply.

CorePro LEDtube Universal T8 - 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. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



CorePro LEDtube UN 1200mm HO
18W8xx T8

Model number / EOC code:
9290018692A / 871869680166600
9290018693A / 871869680168000
9290018694A / 87186968017030

AC (50Hz) on HF Ballast Compatible

	Ballast type	10nc / Ref. no.	Lamps on ballast		
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		
	PCI/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

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



	Ballast type	10nc / Ref. no.	Lamps on ballast
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

CorePro LEDtube UN 1200mm HO 18W8xx T8
Model number / EOC code: 9290018692A / 871869680166600 9290018693A / 871869680168000 9290018694A / 87186968017030
AC (50Hz) on HF Ballast Compatible
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•

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. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with HF ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on 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

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



	Ballast type	10nc / Ref. no.	Lamps on ballast
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	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
	D58.2-23021E		2
May + Christie	MCU 158		1
	MCU 258		2
Others	Direct Mains (only one single side supply)		
	Electro Magnetic Ballast		

**CorePro LEDtube UN 1500mm HO
23W8xx T8**

Model number / EOC code:
 9290018695A / 871869680172700
 9290018696A / 871869680174100
 9290018697A / 871869680176500

AC (50Hz) on HF Ballast Compatible

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. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with HF ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

Dimming a LEDtube: Philips CorePro LEDtubes Universal HO are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non-dimmable product in a dimmable application, warranty does not apply.

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



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03/2022
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www.philips.com/LEDtube