



# Table of content

## MASTER LEDtube HF T5

• MASTER LEDtube HF InstantFit T5 HO - 1200 mm	2
• MASTER LEDtube HF InstantFit T5 HO - 1500 mm	4
• MASTER LEDtube HF InstantFit T5 UO - 1500 mm	6
• MASTER LEDtube HF InstantFit HE T5 - 600 mm	7
• MASTER LEDtube HF InstantFit HE T5 - 1200 mm	8
• MASTER LEDtube HF InstantFit HE T5 - 1500 mm	9

## MASTER LEDtube HF T8

• MASTER LEDtube HF InstantFit T8 - 600 mm	10
• MASTER LEDtube HF InstantFit T8 - 1200 mm	12
• MASTER LEDtube HF InstantFit T8 - 1500 mm	14
• MASTER LEDtube Universal T8 - 600 mm	16
• MASTER LEDtube Universal T8 - 1200 mm	17
• MASTER LEDtube Universal T8 - 1500 mm	19

## MASTER Value LEDtube Universal T8

• MASTER Value LEDtube Universal T8 - 1200 mm	21
• MASTER Value LEDtube Universal T8 - 1500 mm	23

## CorePro LEDtube HF T8

• CorePro LEDtube HF InstantFit T8 - 600 mm	25
• CorePro LEDtube HF InstantFit T8 - 1200 mm	26
• CorePro LEDtube HF InstantFit T8 - 1500 mm	28
• CorePro LEDtube Universal HO - 600 mm	30
• CorePro LEDtube Universal HO - 1200 mm	31
• CorePro LEDtube Universal HO - 1500 mm	33



# MASTER LEDtube HF InstantFit T5 HO - 1200 mm



## Ballast Compatibility

### KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
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 1200mm HO 26W 8xx T5
			Model number / EAN code: 9290023520 / 8718699749514 9290023521 / 8718699749538 9290023522 / 8718699749552
			AC (50Hz) on HF Ballast Compatible
TRIDONIC-ATCO	Ballast type	12nc	Lamps on ballast
	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 notess MASTER LEDtube HF InstantFit T5 HO - 1200 mm

**General notess:** Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed.

Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.

Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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

# MASTER LEDtube HF InstantFit T5 HO - 1500 mm



## Ballast Compatibility

### KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
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
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 4CIC	9137130281	2
HF-P 249 TL5 HO III IDC C2E	9137130281	2
HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2
HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2
HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2
HF-R 249 TL5 EII	9137006087	2
HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2
HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2
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
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

MAS LEDtube HF 1500mm HO 26W 8xx T5
Model number / EAN code: 9290023523 / 8718699749576 9290023524 / 8718699749590 9290023525 / 8718699749613
AC (50Hz) on HF Ballast Compatible
*
*
*
*
* / (1)
*
* / dim (3)
*
* / (1)
* / (1)
dim
*
* / dim
* / dim
*
*
* / (1)
*
*
dim
* / dim
* / dim
*
*
*
* / dim (2)
* / dim
*
*
* / dim (3)
* / dim (3)
*

(1) Do not use in closed luminaires

(2) Do not use in combination with a motion sensor

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

### General notess MASTER LEDtube HF InstantFit T5 HO - 1500 mm

**General notess:** Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

Please note that Philips LEDtubes InstantFit T5 are only tested with HF 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](http://www.philips.com/ledtube)

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









# MASTER LEDtube HF InstantFit HE T5 - 1200 mm



## Ballast Compatibility

### KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
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	12nc	Lamps on ballast
PHILIPS	EB-C 128 TL5	9137131964	1
	EB-C 228 TL5	9137131971	2
	EB-Ci 1-2 14-28W	9137130432	1
	EB-Ci 1-2 14-28W	9137130432	2
	HF-P 1 14-35 TL5 HE III IDC	9137130310	1
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2
	HF-S 2 14-35 TL5 HE II	9137130421	2
	HF-R Es 114-35 TL5	9137006616	1
	HF-R Es 214-35 TL5	9137006617	2
	HF-R T 228 TL5 220-240	9137001863	2
	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	9137006958	2
	HF-R 114-35 TL5 EII	9137006198	1
	HF-R 214-35 TL5 EII	9137006195	2
	HF-S 114-35 TL5 II	9137130429	1
	HF-S 214-28 TL5 II	9137130430	2
OSRAM	QT-FIT5 1x14-35		1
	QT-FIT5 2x14-35		2
	QTP5 1x14-35		1
	QTP5 2x14-35		2
	EZ-T5 1x28/220		1
	EZP5 1x28/220-230		1
ELVAR	EL1x14-35ngn5		1
	EL1x14-35ngn5		2
TRIDONIC ATCO	PC 1x14-35 T5 TOP Ip	22185157	1
	PC 2x14-28 T5 TOP Ip	22185158	2
	PC 1x14-35 T5 PRO Ip	22185147	1
	PC 2x14-35 T5 PRO Ip	22185148	2
VOSSLOH-SCHWABE	ELXc 135 220	188921	1
BAG-HUECO	BCS351FX-11/220-240	10077579	1
ELT	BE - 214-35 - T5		2
Others	Direct mains		

MAS LEDtube HF 1200mm HE 16.5W 8xx T5
Model number / EOC code: 9290013910 / 871869674329400 9290013911 / 871869674331700 9290013912 / 871869674333100
AC (50 Hz) on HF Ballast Compatible
*
*
*
*
*
Dim
Dim
Dim
*
*
*
*
-1
*

### 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](http://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.







## 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
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		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	
HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
HF-Ri TD 2 14/21/24/39 TL5 E+	9137006983	1	
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
HELVAR	QT-FIT8 3/4X18		3
	QT-FIT8 3/4X18		4
	EL1x18ngn		1
	EL2x18ngn		2
	EL 3/4x18ngn		4
	EL 3/4x18ngn		3
	EL1x18s		1
	EL 4x18ngn		4

[illegible]

## 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
TRIDONIC ATCO	PC 118 PRO Ip	22185213	1
	PC 218 PRO Ip	22185216	2
	PC IX18-24W BASIC	22176000	1
	PC 1x18 T8 TOP sI	22185222	1
	PC 3/4X18 TOP Ip	22185219 / 22185228	3
	PC 3/4X18 TOP Ip	22185219 / 22185228	4
	PC 1/14-35/24/39 T5 PRO-M Ip	22176182	1
	PC 2/14-35/24/39 T5 PRO-M Ip	22176185	2
	PC 1x18 T8 TEC	87500113	1
	PC 2x18 T8 TEC	87500114	2
	PC 2x36 T8 TEC (4x18 T8 TEC)	87500116	4
VOSSLÖH-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		

[illegible]

# MASTER LEDtube HF InstantFit 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



				MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HQ, InstantFit 2100lm	MASTER LEDtube 1200mm HF UO, InstantFit 2500lm
				Model number / EOC code: 9290012263 / 871869656616900	Model number / EOC code: 9290012843A/B / 871869668752900 9290012841A/B / 871869668748200 9290012842A/B / 871869668750500	Model number / EOC code: 9290013002A/B / 871869668800700 9290013000A/B / 871869668796300 9290013001A/B / 871869668798700
				AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	Ballast type	10nc / Ref. no.	Lamps on ballast			
	EB-C 136 TL-D 220-240	9137131992	1			
	HF-B 136 TLD 220-240	9137001122	1		*	*
	HF-B 136 TLD EII 220-240	9137001926	1		*	*
	HF-B 236 TL-D 220-240	9137001124	2		*	*
	HF-B 236 TLD EII 220-240	9137001928	2		*	*
	HF-E 136 TL-D II	9137130410	1			
	HF-E 236 TL-D	9137130391	2			
	HF-E 236 TL-D II	9137130411	2			
	HF-K 136 TLD 220-240	9137001477	1		*	*
	HF-P 136 TL-D III IDC	9137130315	1			
	HF-P 236 TL-D III IDC	9137130316	2		*	*
	HF-P 336 TL-D III IDC	9137130317	3		*	*
	HF-P X1 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
	HF-R 236 TL-D EII	9137006093	2			
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1			
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1			
	HF-Ri TD 2 14/21/24/39 TL5 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		*	*
OSRAM	HF-P 118/136 TL-D III	9137130315	1		*	*
	HF-S 118/136 TL-D II	9137130321	1		*	*
	HF-P 218/236 TL-D III	9137130316	2			
	HF-S 218/236 TL-D II	9137130324	2			
	QT-FIT8 1x36		1		*	*
	QT-FIT8 2x36		2		*	*
OSRAM	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		*	*



## 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
TRIPONIC 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
VOSSLÖH-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 581-23021 E	166072	1
	ECS36 25R-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

[illegible]

General notes Philips Master LEDtube HF InstantFit T8

**General notess:** Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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







# MASTER LEDtube Universal T8 – 600 mm

## Ballast Compatibility



### 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	CorePro LEDtube UN, 600mm HF 900lm
PHILIPS	HF-P 118 TLD III IDC	9137130312	1	Product reference number: 9290024198 / 8718699782771 9290024199 / 8718699782795 9290024200 / 8718699782818 AC (50Hz) on HF Ballast Compatible
	HF-P 218 TLD III IDC	9137130313	2	
	HF-S 118 TLD II	9137130320	1	
	HF-S 218 TLD 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 418 TLD II 220-240V 50/60Hz-parl	9137130412	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	
HELMAR	EL1x18ngn		1	
	EL2x18ngn		2	
	EL 3/4x18ngn		3	
	EL 3/4x18ngn		4	
	EL1x18s		1	
	EL 4x18ngn		4	
TRIDONIC ATCO	PC 118 PRO Ip	22185213	1	
	PC 218 PRO Ip	22185216	2	
	PC 1X18-24W BASIC	22176000	1	
	PC 1x18 T8 TOP sl	22185222	1	
	PC 3/4X18 TOP Ip	22185219 / 22185228	3	
	PC 3/4X18 TOP Ip	22185219 / 22185228	4	
	PC 1/14-35/24/39 T5 PRO-M Ip	22176182	1	
	PC 2/14-35/24/39 T5 PRO-M Ip	22176185	2	
	PC 1x18 T8 TEC	87500113	1	
	PC 2x18 T8 TEC	87500114	2	
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	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 MASTER LEDtube Universal T8 – 600 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 T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LED tube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Philips sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)



## 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	
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		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	
TRIDOMIC 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	

[illegible]

# MASTER LEDtube Universal T8 - 1200 mm

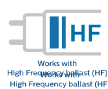
## Ballast Compatibility



### 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
VSSLOH-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
Trixax	D36.2-23021 E		2
	D58.1-23021 E		1
	DD58.1-23031 E		1
Others	EM ballast		1
	Direct Mains (only one single side supply)		1

MASTER LEDtube 1200mm Universal, Instant Fit 2500lm
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](http://www.philips.com/ledtube)

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







	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

[illegible]

	Ballast type	10nc / Ref. no.	Lamps on ballast
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	
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 1/36 T8 PRO	22176108	1
PC 3/36 T8 PRO	22176231	3	

# MASTER LEDtube VLE UN 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

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		1

MAS LEDtube VLE UN 1200mm UO 16W8xx T8 2500lm
Product reference number: 9290023330 / 871869973917100 9290023331 / 871869973919500 9290023332 / 871869973921800
AC (50Hz) on HF Ballast Compatible
*
*
*
*
*

### General notes Philips MASTER Value LEDtube Universal HO

**General notes:** Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://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.



## 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	10nc / Ref. no.	Lamps on ballast
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 TLD-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 TLD-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-RTD 1 28/35/49/54TL5 E+	9137006956	1
	HF-RTD 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 TLD-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 Ø70		2
	QTP8 1x58		1
	QTP8 2x58		2
	QTP-OPTIMAL 1x54-58		1
	QTPØOPTIMAL 2x54 Ø58		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 Ip	22 185 215	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 Ip	28 000 040	2

[illegible]



	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

[illegible]

	Ballast type	10nc / Ref. no.	Lamps on ballast
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
BAC-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
	Tillux	D58.1-23021E	
DD58.1-23031E			1
May + Christie	MCU 158		1
	MCU 258		2
Others	Direct mains		
	Electro Magnetic Ballast		

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 HF InstantFit T8 - 1200 mm

## Ballast Compatibility



### KEY

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

*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
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	D58.1-23021E		1
	DD58.1-23031E		1
Others	EM ballast		1
	Direct Mains		1

Corepro LEDtube HF, Instant Fit 1200mm 1600lm
Model number / EOC code : 9290012499 / 871869658127800 9290011365 / 871869658129200
AC (50Hz) on HF Ballast Compatible
■
■
■
■
■
■
■
■
■

### General notes Philips CorePro LEDtube HF InstantFit T8

**General notes:** Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

**Dimming a LEDtube:** Philips CorePro LEDtubes HF InstantFit T8 are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non-dimmable product in a dimmable application, warranty does not apply.

	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
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 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 258 TLD 220-240	9137 001 110	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		2	
OSRAM	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-FIT 5/8 1x54-58		1
	QT-FIT 5/8 2x54-58		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 Ip	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 Ip	28 000 040	2

[illegible]





*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*

[illegible]

*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 Universal HO - 1200 mm

## Ballast Compatibility



### KEY

	Ballast is compatible
*	Ballast is compatible, light output may differ >10% compared to specifications
	Ballast is not compatible
	Ballast 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 / 871869680170300
AC (50Hz) on HF Ballast Compatible
*
*
*
*
*
*
*

### General notes Philips CorePro LEDtube Universal HO

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

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

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://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.



	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
BAC-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
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		

[illegible]

**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.

**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](http://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.



© 2020 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.

08/2020  
Data subject to change.

[www.philips.com/LEDtube](http://www.philips.com/LEDtube)