PHILIPS

Ballast compatibility list
Professional Q2 2017

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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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 1200mm HO 26W 8xx T5 929001338302 929001338402 929001338502
				AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-E 1/2 54 TL5 II	9137 130 408	1	
	HF-E 1/2 54 TL5 II	9137 130 408	2	
	HF-P 154 TL5 HO EII 220-240	9137 006 133	1	
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	
	HF-P 254/255 TL5 HO/PL-L III IDC	9137 130 283	2	
	HF-P Xt 254 TL5 EII 220-240	9137 006 300	2	
	HF-R 154 TL5 220-240	9137 001 291	1	* / Dim
	HF-R 254 TL5 EII	9137 006 089	2	
	HF-R DALI 154 TL5 220-240	9137 001 335	1	* / Dim
	HF-R Es 154 TL5	9137 006 618	1	Dim
	HF-R Es 254 TL5	9137 006 619	2	
	HF-R TD 154 TL5 EII 220-240	9137 006 064	1	
	HF-S 154 TL5 II	9137 130 336	1	
	HF-S 254 TL5 II	9137 130 337	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	*
HELVAR	EL1×54iDim		1	
	EL1×54sc		1	*
	EL1x54ngn5		1	
	EL1x54s		1	
	EL2×54iDim		2	
	EL2×54sc		2	
	EL2x54ngn5		2	
TRIDONIC ATCO	PC 1/49 T5 INDUSTRY	89800456	1	*
	PC 1/49 T5 PRO lp	22087917	1	
	PC 1x49 T5 PRO lp	22185153	1	
	PC 1x49 T5 TOP lp	22185163	1	*
	PC 2/49 T5 INDUSTRY	89800457	2	
	PC 2/49 T5 PRO lp	22087646	2	
	PC 2x49 T5 PRO lp	22185154	2	
	PC 2x49 T5 TOP lp	22185164	2	
	PCA 2/49 T5 ECO lp	22089499	2	
VOSSLOH-SCHWABE	ELXc 254.865	188618	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	*
Others	Direct mains			

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

MASTER LEDtube HF InstantFit T5 HO - 1500 mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 1500mm HO 26W 8xx T5 929001296102 929001296202 929001296302
				AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-E 1/2 49 TL5 II	9137 130 407	1	
	HF-E 1/2 49 TL5 II	9137 130 407	2	
	HF-P 1 49 TL5 HO 220-240	9137 001 660	1	
	HF-P 149 TL5 220-240	9137 001 177	1	
	HF-P 149 TL5 HO EII 220-240	9137 006 132	1	
	HF-P 149 TL5 HO III IDC	9137 130 280	1	
	HF-P 249 TL5 220-240	9137 001 240	2	
	HF-P 249 TL5 HO III IDC	9137 130 281	2	*
	HF-R 149 TL5 220-240	9137 001 181	1	
	HF-R TD 149 TL5 EII 220-240	9137 006 062	1	
	HF-S 149 TL5 II	9137 130 334	1	*
	HF-S 249 TL5 II	9137 130 335	2	
	HF-R Es 249 TL5	9137 006 621	2	
	HF-P Xt 249 TL5 EII 220-240	9137 006 298	2	
	HF-P 249 TL5 220-240	9137 001 324	2	
	HF-R Es 149 TL5	9137 006 620	1	* / Dim
	HF-P Xt 149 TL5 EII 220-240	9137 006 297	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	*
HELVAR	EL1X49ngn5		1	
	EL1x49s		1	*
	EL1x49s-u		1	*
	EL2X49ngn5		2	
	EL2x49s		2	
TRIDONIC ATCO	PC 1/49 T5 INDUSTRY	89800456	1	*
	PC 1/49 T5 PRO lp	22087917	1	*
	PC 1x49 T5 PRO lp	22185153	1	
	PC 1x49 T5 TOP lp	22185163	1	
	PC 2/49 T5 INDUSTRY	89800457	2	
	PC 2/49 T5 PRO lp	22087646	2	
	PC 2x49 T5 PRO lp	22185154	2	
	PC 2x49 T5 TOP lp	22185164	2	
	PCA 2/49 T5 ECO lp	22089499	2	
VOSSLOH-SCHWABE	ELXd 249.614	188343	2	
BAG-HUECO	BCS49.1FX-11/220-240	10077583	1	
	BCS49.2FX-11/220-240	10077584	2	*
Others	Direct mains			

General note Philips LEDtube InstantFit 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.

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

MASTER LEDtube HF InstantFit T5 UO - 1500 mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 1500mm HO 36W 8xx T5 929001346102 929001346202 929001346302 AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-P 2 80 TL5/PL-L III IDC	9137 130 343	2	
	HF-P I 80 TL5/PL-L III IDC	9137 130 342	1	
	HF-P Xt 180 TL5 EII 220-240	9137 006 301	1	*
	HF-P Xt 280 TL5 EII 220-240	9137 006 302	2	
	HF-R 180 TL5/PLL EII	9137 006 090	1	* / Dim
	HF-R 280 TL5/PLL EII 220-240	9137 006 091	2	
	HF-R TD 180 TL5/PLL 220-240	9137 006 066	1	* / Dim
	HF-R TD 280 TL5/PL-L EII	9137 006 096	2	
	HF-S 2 80 TL5/PL-L II	9137 130 423	2	
OSRAM	QT-FQ 1x80/230-240		1	
	QT-FQ 2x80		2	
	QTP5 1x80		1	
HELVAR	EL1x80iDim		1	
	EL1x80sc		1	
	EL2x80iDim		2	
TRIDONIC ATCO	PC 1/80 T5 INDUSTRY	89800460	1	*
	PC 1x80 T5 PRO lp	22185209	1	
	PC 2/80 T5 INDUSTRY	89800461	2	
	PC 2x80 T5 PRO lp	22185210	2	*
	PCA 1×80 T5 BASIC lp	22185084	1	*
	PCA 2x80 T5 BASIC lp	22185085	2	
	PCA 2x80 T5 ECO lp	22185098	2	
	PCA 2x80 T5 EXCEL one4all lp	22185107	2	
VOSSLOH-SCHWABE	ELXc 180.866	188144	1	
	ELXc 280.538	188619	2	*
BAG-HUECO	BCS80.1FX-11/220-240	10077587	1	
	BCS80.2FX-11/220-240	10095407	2	
Others	Direct mains			

General note Philips LEDtube InstantFit T5

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

MASTER LEDtube HF InstantFit T8 - 600mm

Ballast Compatibility

KEY

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

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Works with High Frequency ballast (HF)

	Ballast type	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube HF, Instant Fit 600mm T8 1050lm Product reference number: 929001219502 929001219602 929001219702 AC (50Hz) on HF Ballast Compatible
PHILIPS	HF-P 118 TLD III IDC	9137 130 312	1	
	HF-P 218 TLD III IDC	9137 130 313	2	
	HF-S 118 TLD II	9137 130 320	1	
	HF-S 218 TL-D II 220-240V 50/60Hz	9137 130 323	2	
	HF-S 3/4x18 TLD II	9137 130 326	3	
	HF-S 3/4x18 TLD II	9137 130 326	4	
	HF-Matchbox 1x18 Blue	9137 004 180 / 9137 004 179	1	
	HF-Matchbox 1x18 RED		1	
	HF-P 3/4x18 TLD III IDC	9137 130 314	3	
	HF-P 3/4x18 TLD III IDC	9137 130 314	4	
	HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD)	9137 130 390	2	
	HF-E 418 TL-D II 220-240V 50/60Hz-parl	9137 130 412	4	
	HF-P 118 TLD 220-240	9137 001 709	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	
	QT-FIT8 3/4X18		3	
	QT-FIT8 3/4X18		4	
HELVAR	EL1x18ngn		1	
	EL2x18ngn		2	
	EL 3/4x18ngn		4	
	EL 3/4x18ngn		3	
	EL1x18s		1	
	EL 4x18ngn		4	
TRIDONIC	PC 118 PRO lp	22185213	1	
	PC 218 PRO lp	22185216	2	
	PC 1X18-24W BASIC	22176000	1	
	PC 1x18 T8 TOP sl	22185222	1	
	PC 3/4X18 TOP lp	22185219 / 22185228	3	
	PC 3/4X18 TOP lp	22185219 / 22185228	4	
	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	
	PC 2/14-35/24/39 T5 PRO-M lp	22176185	2	
	PC 1x18 T8 TEC	87500113	1	
	PC 2x18 T8 TEC	87500114	2	
	PC 2x36 T8 TEC (4x18 T8 TEC)	87500116	4	
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			

General note Philips LEDtube InstantFit T8

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

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Dimming a LEDtube: Philips 600mm MASTER LEDtubes InstantFit T8 are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non-dimmable product in a dimmable application, warranty does not apply.

MASTER LEDtube HF InstantFit T8 - 1200 mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MASTER LEDtube 1200mm HF SO, Instant Fit T8 1600 lm	MASTER LEDtube 1200mm HF HO, InstantFit T8 2100 lm	MASTER LEDtube 1200mm HF UO, InstantFit T8 2500 lm
				Product reference number: 929001124502 929001124602	Product reference number: 929001284302 929001284102 929001284202	Product reference number: 929001300202 929001300002 929001300102
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137 131 992	1			
PHILIPS	EB-S 236 TL-D 220-230	9137 130 216	2			
PHILIPS	HF-B 136 TLD 220-240	9137 001 122	1			
PHILIPS	HF-B 136 TLD EII 220-240	9137 001 926	1			
PHILIPS	HF-B 236 TL-D 220-240	9137 001 124	2			
PHILIPS	HF-B 236 TLD EII 220-240	9137 001 928	2			
PHILIPS	HF-E 136 TL-D II	9137 130 410	1			
PHILIPS	HF-E 236 TL-D	9137 130 391	2			
PHILIPS	HF-E 236 TL-D II	9137 130 411	2			
PHILIPS	HF-K 136 TLD 220-240	9137 001 477	1			
PHILIPS	HF-P 136 TL-D III IDC	9137 130 315	1			
PHILIPS	HF-P 236 TL-D III IDC	9137 130 316	2			
PHILIPS	HF-P 336 TL-D III IDC	9137 130 317	3			
PHILIPS	HF-P Xt 136 TLD EII 220-240	9137 006 177	1			
PHILIPS	HF-P XT 236 TLD EII 220-240	9137 006 178	2			
PHILIPS	HF-P 136 TLD EII 220-240	9137 001 911	1			
PHILIPS	HF-P 236 TLD 230-240	9137 001 112	2			
PHILIPS	HF-Pi 1 14/21/24/28/39 TL5 EII 220-240	9137 006 240	1			
PHILIPS	HF-R 136 TL-D EII	9137 006 092	1		Dim	Dim
PHILIPS	HF-R 236 TL-D EII	9137 006 093	2		Dim	Dim
PHILIPS	HF-R 136 TL-D 220-240V 50/60Hz	9137 001 117	1			
PHILIPS	HF-R 236 TL-D 220-240V 50/60Hz	9137 001 120	2			
PHILIPS	HF-Ri TD 1 14/21/24/39TL5 E+	9137 006 983	1			
PHILIPS	HF-Ri TD 2 14/21/24/39TL5 E+	9137 006 984	2			
PHILIPS	HF-S 136 TL-D II	9137 130 321	1			
PHILIPS	HF-S 236 TL-D II	9137 130 324	2			
PHILIPS	HF-S 336 TL-D II	9137 130 327	3			
PHILIPS	HF-P 118/136 TL-D III	9137 130 315	1			
PHILIPS	HF-S 118/136 TL-D II	9137 130 321	1			
PHILIPS	HF-P 218/236 TL-D III	9137 130 316	2			
PHILIPS	HF-S 218/236 TL-D II	9137 130 324	2			
OSRAM	QT-FIT8 1x36		1			
OSRAM	QT-FIT8 2x36		2			
OSRAM	QTP8 1x36		1			
OSRAM	QTP8 2x36		2			
OSRAM	QTP-OPTIMAL 1x18-40		1			
OSRAM	QTP-OPTIMAL 2x18-40		2			
OSRAM	QT-FIT 5/8 2x18-39		2			
HELVAR	EL1x36/40/18S		1			
HELVAR	EL1x36HF		1			
HELVAR	EL1x36ngn		1			
HELVAR	EL2x36/40s		2			
HELVAR	EL2x36ngn		2			

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MASTER LEDtube 1200mm HF SO, Instant Fit T8 1600 lm	MASTER LEDtube 1200mm HF HO, InstantFit T8 2100 lm	MASTER LEDtube 1200mm HF UO, InstantFit T8 2500 lm
				Product reference number: 929001124502 929001124602	Product reference number: 929001284302 929001284102 929001284202	Product reference number: 929001300202 929001300002 929001300102
	Ballast type	**10nc / Ref. no.**	**Lamps on ballast**	**AC (50 Hz) on HF Ballast Compatible**	**AC (50 Hz) on HF Ballast Compatible**	**AC (50 Hz) on HF Ballast Compatible**
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			
VOSSLOH-SCHWABE	ELXc 136.207	188708	1			
	ELXc 236.202	188316	2			
	ELXc 236.208	188705	2			
	ELXe 238.527	188137	2			
	ELXe 238.527	188137	1			
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1			
	BCS36.2FX-11/220-240	10077591	2			
	D36.2-23021 E	166132	2			
	D 58.1-23021 E	166072	1			
	ECS36.2SR-01/220-240	167032	2			
Trilux	D36.2-23021 E		2			
	D58.1-23021E		1			
	DD58.1-23031E		1			
Others	EM ballast		1			
	Direct Mains		1			

General note Philips LEDtube InstantFit T8

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

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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.
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MASTER LEDtube HF InstantFit T8 - 1500 mm

Ballast Compatibility

KEY

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube 1500mm HF SO, Instant Fit T8 2000 lm Product reference number: 929001122402 929001122502 AC (50 Hz) on HF Ballast Compatible	MASTER LEDtube 1500mm HF HO, Instant Fit T8 3100 lm Product reference number: 929001284602 929001284402 929001284502 AC (50 Hz) on HF Ballast Compatible	MASTER LEDtube 1500mm HF UO, Instant Fit T8 3700 lm Product reference number: 929001300502 929001300302 929001300402 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		Dim	Dim
	HF-R 158 TLD EII	9137 006 094	1		Dim	Dim
	HF-R 258 TLD EII	9137 006 095	2		Dim	Dim
	HF-R TD 258 TLD EII 220-240	9137 006 070	2			
	HF-RiTD 1 28/35/49/54TL5 E+	9137 006 956	1			
	HF-RiTD 2 28/35/49/54TL5 E+	9137 006 958	2			
	HF-S 158		1			
	HF-S 158 TL-D II	9137 130 322	1			
	HF-S 158 TL-D II 220-240V 50/60Hz	9137 130 322	1			
	HF-S 258 TL-D II	9137 130 325	2			
	HF-S 258 TL-D II HT	9137 006 899	2			
	HF-S 158 TLD 220-240	9137 006 319	1			
	EB-P 258 TLD ICC 220-240	9137 130 210	2			
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1			
	QT Deluxe HF 2x58 230-240 Dim		2			
	QT-FIT8 1x58 - 70		1			
	QT-FIT8 2x58 - 70		2			
	QTP8 1x58		1			
	QTP8 2x58		2			
	QTP-OPTIMAL 1x54-58		1			
	QTP-OPTIMAL 2x54-58		2			
	QT 1X58 DIM		1			
	QT-FIT 5/8 1x54-58		1			
	QT-FIT 5/8 2x54-58		2			
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	22 185 224	1			
	PC 2x58 T8 TOP sl	22 185 227	2			
	PCA 1/58 excel one4all	22 085 286	1			
	PCA 2x58 EXCEL One4all lp	28 000 040	2			

MASTER LEDtube HF InstantFit T8 - 1500 mm

Ballast Compatibility

KEY

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

Works with High Frequency ballast (HF)

				MASTER LEDtube 1500mm HF SO, Instant Fit T8 2000 lm	MASTER LEDtube 1500mm HF HO, Instant Fit T8 3100 lm	MASTER LEDtube 1500mm HF UO, Instant Fit T8 3700 lm
				Product reference number: 929001122402 929001122502	Product reference number: 929001284602 929001284402 929001284502	Product reference number: 929001300502 929001300302 929001300402
	Ballast type	**10nc / Ref. no.**	**Lamps on ballast**	**AC (50 Hz) on HF Ballast Compatible**	**AC (50 Hz) on HF Ballast Compatible**	**AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 158.201	188315	1			
	ELXc 158.209	188706	1			
	ELXc 158.218	188870	1			
	ELXc 258.203	188317	2			
	ELXc 258.210	188707	2			
	ELXc 258.219	188871	2			
	ELXe 258.222	188130	2			
	ELXe 258.222	188130	1			
	ELXe 158.524	188024	1			
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145	1		Dim	Dim
	BCS58.1FX-11/220-240	1007 7592	1			
	BCS58.2FX-11/220-240	1007 7593	2			
	BCS58.2SX-01/220-240	1005 1003	2			
	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 note Philips LEDtube InstantFit T8

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

Always check the latest update of the compatibility list on 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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc	Lamps on ballast	MASTER LEDtube 1200mm Universal, Instant Fit 2500lm Product reference number: 929001336102 929001336202 929001336002 AC (50Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137 131 992	1	
	EB-S 236 TL-D 220-230	9137 130 216	2	
	HF-B 136 TLD 220-240	9137 001 122	1	
	HF-B 136 TLD EII 220-240	9137 001 926	1	
	HF-B 236 TL-D 220-240	9137 001 124	2	
	HF-B 236 TLD EII 220-240	9137 001 928	2	
	HF-E 136 TL-D II	9137 130 410	1	*
	HF-E 236 TL-D	9137 130 391	2	
	HF-E 236 TL-D II	9137 130 411	2	
	HF-K 136 TLD 220-240	9137 001 477	1	
	HF-P 136 TL-D III IDC	9137 130 315	1	*
	HF-P 236 TL-D III IDC	9137 130 316	2	
	HF-P 336 TL-D III IDC	9137 130 317	3	
	HF-P Xt 136 TLD EII 220-240	9137 006 177	1	
	HF-P XT 236 TLD EII 220-240	9137 006 178	2	
	HF-P 136 TLD EII 220-240	9137 001 911	1	
	HF-P 236 TLD 230-240	9137 001 112	2	
	HF-Pi 1 14/21/24/28/39 TL5 EII 220-240	9137 006 240	1	
	HF-R 136 TL-D EII	9137 006 092	1	
	HF-R 236 TL-D EII	9137 006 093	2	
	HF-R 136 TL-D 220-240V 50/60Hz	9137 001 117	1	
	HF-Ri TD 1 14/21/24/39TL5 E+	9137 006 983	1	
	HF-Ri TD 2 14/21/24/39TL5 E+	9137 006 984	2	
	HF-S 136 TL-D II	9137 130 321	1	
	HF-S 236 TL-D II	9137 130 324	2	*
	HF-S 336 TL-D II	9137 130 327	3	
	HF-P 118/136 TL-D III	9137 130 315	1	*
	HF-S 118/136 TL-D II	9137 130 321	1	
	HF-P 218/236 TL-D III	9137 130 316	2	
	HF-S 218/236 TL-D II	9137 130 324	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	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 - 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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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc	Lamps on ballast	MASTER LEDtube 1200mm Universal, Instant Fit 2500lm Product reference number: 929001336102 929001336202 929001336002 AC (50Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 136.207	188708	1	
	ELXc 236.202	188316	2	
	ELXc 236.208	188705	2	
	ELXe 238.527	188137	2	
	ELXe 238.527	188137	1	*
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1	
	BCS36.2FX-11/220-240	10077591	2	*
	D36.2-23021 E	166132	2	
	D 58.1-23021 E	166072	1	*
	ECS36.2SR-01/220-240	167032	2	
Trilux	D36.2-23021 E		2	
	D58.1-23021E		1	*
	DD58.1-23031E		1	
Others	EM ballast		1	
	Direct Mains (only one single side supply)		1	

General note Philips LEDtube InstantFit 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 InstantFit 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 MASTER LEDtubes Universal 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.

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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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				MASTER LEDtube 1500mm Universal, Instant Fit 3700lm
				Product reference number: 929001336402 929001336502 929001336302
	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
PHILIPS	EI 158 TL-D 220-240	9137 006 075	1	*
PHILIPS	HF-B 158 TLD 220-240	9137 001 123	1	
PHILIPS	HF-B 158 TLD EII 220-240	9137 001 927	1	*
PHILIPS	HF-B 258 TLD 220-240	9137 001 125	2	
PHILIPS	HF-B 258 TL-D EII 220-240	9137 001 929	2	*
PHILIPS	HF-E 158 TL-D	9137 130 389	1	
PHILIPS	HF-E 1/2 58 TL-D II	9137 130 409	2	*
PHILIPS	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	
PHILIPS	HF-P 158 TLD EII 220-240	9137 001 912	1	*
PHILIPS	HF-P 158 TL-D III IDC	9137 130 318	1	
PHILIPS	HF-P 258 TLD EII 220-240	9137 001 916	2	
PHILIPS	HF-P 258 TL-D III IDC	9137 130 319	2	
PHILIPS	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	*
PHILIPS	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	
PHILIPS	HF-P 158 TLD 220-240	9137 001 185	1	
PHILIPS	HF-P 258 TLD 220-240	9137 001 110	2	
PHILIPS	HF-R 158 TLD 220-240	9137 001 118	1	
PHILIPS	HF-R 258 TLD 220-240	9137 001 119	2	
PHILIPS	HF-R 158 TLD EII	9137 006 094	1	
PHILIPS	HF-R 258 TLD EII	9137 006 095	2	
PHILIPS	HF-R TD 258 TLD EII 220-240	9137 006 070	2	
PHILIPS	HF-RiTD 1 28/35/49/54TL5 E+	9137 006 956	1	
PHILIPS	HF-RiTD 2 28/35/49/54TL5 E+	9137 006 958	2	
PHILIPS	HF-S 158		1	
PHILIPS	HF-S 158 TL-D II	9137 130 322	1	*
PHILIPS	HF-S 158 TL-D II 220-240V 50/60Hz	9137 130 322	1	
PHILIPS	HF-S 258 TL-D II	9137 130 325	2	*
PHILIPS	HF-S 258 TL-D II HT	9137 006 899	2	
PHILIPS	HF-S 158 TLD 220-240	9137 006 319	1	
PHILIPS	EB-P 258 TLD ICC 220-240	9137 130 210	2	*
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1	
OSRAM	QT Deluxe HF 2x58 230-240 Dim		2	
OSRAM	QT-FIT8 1x58 - 70		1	
OSRAM	QT-FIT8 2x58 - 70		2	
OSRAM	QTP8 1x58		1	
OSRAM	QTP8 2x58		2	*
OSRAM	QTP-OPTIMAL 1x54-58		1	
OSRAM	QTP-OPTIMAL 2x54-58		2	
OSRAM	QT 1X58 DIM		1	
OSRAM	QT-FIT 5/8 1x54-58		1	*
OSRAM	QT-FIT 5/8 2x54-58		2	
HELVAR	EL1x58ngn		1	
HELVAR	EL1x58s		1	
HELVAR	EL2x58es		2	
HELVAR	EL2x58HF		2	
HELVAR	EL2x58ngn		2	
HELVAR	EL2x58s		2	
TRIDONIC	PC 1/58 T8 INDUSTRY	86 458 037	1	*
TRIDONIC	PC 1/58 T8 PRO	22 176 094	1	*
TRIDONIC	PC 1x58 T8 PRO lp	22 185 215	1	
TRIDONIC	PC 2/58 T8 INDUSTRY	86 458 038	2	
TRIDONIC	PC 2x58 E011		2	*
TRIDONIC	PC 2x58 E011 IDC	22 083 174	2	
TRIDONIC	PC 2x58 T8 PRO sl	22 185 218	2	
TRIDONIC	PC 1x58 T8 TOP sl	22 185 224	1	
TRIDONIC	PC 2x58 T8 TOP sl	22 185 227	2	
TRIDONIC	PCA 1/58 excel one4all	22 085 286	1	
TRIDONIC	PCA 2x58 EXCEL One4all lp	28 000 040	2	

MASTER LEDtube HF InstantFit T8 UN – 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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Works with High Frequency ballast (HF)

	Ballast type	10nc	Lamps on ballast	MASTER LEDtube 1500mm Universal, Instant Fit 3700lm Product reference number: 929001336402 929001336502 929001336302 AC (50Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	*
	ELXc 158.209	188706	1	
	ELXc 158.218	188870	1	
	ELXc 258.203	188317	2	
	ELXc 258.210	188707	2	
	ELXc 258.219	188871	2	
	ELXe 258.222	188130	2	
	ELXe 258.222	188130	1	
	ELXe 158.524	188024	1	
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145	1	*
	BCS58.1FX-11/220-240	1007 7592	1	
	BCS58.2FX-11/220-240	1007 7593	2	
	BCS58.2SX-01/220-240	1005 1003	2	*
	BCS58.1SR-01/220-240		1	
	D 58.1-23021 E	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			

General note Philips LEDtube InstantFit 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 InstantFit 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 MASTER LEDtubes Universal 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.

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

CorePro LED tube HF InstantFit T8 - 600mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				Corepro LEDtube HF, Instant Fit 600mm T8 800lm
				Product reference number: 929001249502 929001249602
	Ballast type	**10nc / Ref. no.**	**Lamps on ballast**	**AC (50Hz) on HF Ballast Compatible**
PHILIPS	HF-P 118 TLD III IDC	9137 130 312	1	
	HF-P 218 TLD III IDC	9137 130 313	2	
	HF-S 118 TLD II	9137 130 320	1	
	HF-S 218 TL-D II 220-240V 50/60Hz	9137 130 323	2	
	HF-S 3/4x18 TLD II	9137 130 326	3	*
	HF-S 3/4x18 TLD II	9137 130 326	4	
	HF-Matchbox 1x18 Blue	9137 004 180 / 9137 004 179	1	*
	HF-Matchbox 1x18 RED		1	*
	HF-P 3/4x18 TLD III IDC	9137 130 314	3	
	HF-P 3/4x18 TLD III IDC	9137 130 314	4	
	HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD)	9137 130 390	2	
	HF-E 418 TL-D II 220-240V 50/60Hz-parl	9137 130 412	4	
	HF-P 118 TLD 220-240	9137 001 709	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	*
	QT-FIT8 3/4X18		3	*
	QT-FIT8 3/4X18		4	*
HELVAR	EL1x18ngn		1	
	EL2x18ngn		2	
	EL 3/4x18ngn-4lamp		4	
	EL 3/4x18ngn		3	
	EL1x18s		1	*
	EL 4x18ngn		4	*
TRIDONIC	PC 118 PRO lp	22185213	1	
	PC 218 PRO lp	22185216	2	
	PC 1X18-24W BASIC	22176000	1	*
	PC 1x18 T8 TOP sl	22185222	1	
	PC 3/4X18 TOP lp	22185219 / 22185228	3	
	PC 3/4X18 TOP lp	22185219 / 22185228	4	*
	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	*
	PC 2/14-35/24/39 T5 PRO-M lp	22176185	2	
	PC 1x18 T8 TEC	87500113	1	*
	PC 2x18 T8 TEC	87500114	2	
	PC 2x36 T8 TEC (4x18 T8 TEC)	87500116	4	
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		1	
	Electro Magnetic Ballast		1	

General note Philips CorePro LEDtube InstantFit T8

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

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

CorePro LED tube HF InstantFit T8 - 1200mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc / Ref. no.	Lamps on ballast	Corepro LEDtube HF, Instant Fit 1200mm T8 1600lm Product reference number: 929001249902 929001136502 AC (50Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137 131 992	1	
	EB-S 236 TL-D 220-230	9137 130 216	2	
	HF-B 136 TLD 220-240	9137 001 122	1	*
	HF-B 136 TLD EII 220-240	9137 001 926	1	
	HF-B 236 TL-D 220-240	9137 001 124	2	
	HF-B 236 TLD EII 220-240	9137 001 928	2	
	HF-E 136 TL-D II	9137 130 410	1	
	HF-E 236 TL-D	9137 130 391	2	
	HF-E 236 TL-D II	9137 130 411	2	
	HF-K 136 TLD 220-240	9137 001 477	1	
	HF-P 136 TL-D III IDC	9137 130 315	1	
	HF-P 236 TL-D III IDC	9137 130 316	2	
	HF-P 336 TL-D III IDC	9137 130 317	3	*
	HF-P Xt 136 TLD EII 220-240	9137 006 177	1	*
	HF-P XT 236 TLD EII 220-240	9137 006 178	2	
	HF-P 136 TLD EII 220-240	9137 001 911	1	
	HF-P 236 TLD 230-240	9137 001 112	2	*
	HF-Pi 1 14/21/24/28/39 TL5 EII 220-240	9137 006 240	1	
	HF-R 136 TL-D EII 220-240V 50/60Hz	9137 006 092	1	
	HF-R 236 TL-D EII 220-240V 50/60Hz	9137 006 093	2	
	HF-R 136 TL-D 220-240V 50/60Hz	9137 001 117	1	
	HF-R 236 TL-D 220-240V 50/60Hz	9137 001 120	2	
	HF-S 136 TL-D II	9137 130 321	1	*
	HF-S 236 TL-D II	9137 130 324	2	
	HF-S 336 TL-D II	9137 130 327	3	*
	HF-P 118/136 TL-D III	9137 130 315	1	
	HF-S 118/136 TL-D II	9137 130 321	1	
	HF-P 218/236 TL-D III	9137 130 316	2	
	HF-S 218/236 TL-D II	9137 130 324	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	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	

CorePro LED tube HF InstantFit T8 - 1200mm

Ballast Compatibility

KEY

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	Ballast is not compatible

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc / Ref. no.	Lamps on ballast	Corepro LEDtube HF, Instant Fit 1200mm T8 1600lm Product reference number: 929001249902 929001136502 AC (50Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 136.207	188708	1	
	ELXc 236.202	188316	2	
	ELXc 236.208	188705	2	
	ELXe 238.527	188137	2	
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	

General note Philips CorePro LEDtube InstantFit T8

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
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Always check the latest update of the compatibility list on www.philips.com/ledtube

Dimming a LEDtube: Philips CorePro 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.

CorePro LED tube HF InstantFit T8 - 1500mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	10nc / Ref. no.	Lamps on ballast	Corepro LEDtube HF, Instant Fit 1500mm T8 2000lm Product reference number: 929001249702 929001249802 AC (50Hz) on HF Ballast Compatible
PHILIPS	EI 158 TL-D 220-240	9137 006 075	1	
	HF-B 158 TLD 220-240	9137 001 123	1	*
	HF-B 158 TLD EII 220-240	9137 001 927	1	
	HF-B 258 TLD 220-240	9137 001 125	2	
	HF-B 258 TL-D EII 220-240	9137 001 929	2	
	HF-E 158 TL-D	9137 130 389	1	
	HF-E 1/2 58 TL-D II	9137 130 409	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	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	22 185 224	1	
	PC 2x58 T8 TOP sl	22 185 227	2	
	PCA 1/58 excel one4all	22 085 286	1	
	PCA 2x58 EXCEL One4all lp	28 000 040	2	

CorePro LED tube HF InstantFit T8 - 1500mm

Ballast Compatibility

KEY

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

				Corepro LEDtube HF, Instant Fit 1500mm T8 2000lm
				Product reference number: 929001249702 929001249802
	Ballast type	**10nc / Ref. no.**	**Lamps on ballast**	**AC (50Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	*
	ELXc 158.209	188706	1	
	ELXc 158.218	188870	1	
	ELXc 258.203	188317	2	*
	ELXc 258.210	188707	2	
	ELXc 258.219	188871	2	
	ELXe 258.222	188130	2	*
	ELXe 258.222	188130	1	*
	ELXe 158.524	188024	1	*
BAG-HUECO	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 note Philips CorePro LEDtube InstantFit T8

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