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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

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



MAS LEDtube HF 1500mm
HO 26W 8x T5

Model number / EOC code:
9290012961A / 87186966852500
9290012962A / 87186966854900
9290012963A / 871869668556300

AC (50 Hz) on HF Ballast Compatible

Ballast type	10nc / Ref. no.	Lamps on ballast	Compatibility		
PHILIPS	HF-E 1/2 49 TL5 II	9137130407	1	Compatible	
	HF-E 1/2 49 TL5 II	9137130407	2	Compatible	
	HF-P 1 49 TL5 HO 220-240	9137001660	1	Compatible	
	HF-P 149 TL5 220-240	9137001177	1	Compatible	
	HF-P 149 TL5 HO EII 220-240	9137006132	1	Compatible	
	HF-P 149 TL5 HO III IDC	9137130280	1	Compatible	
	HF-P 249 TL5 220-240	9137001240	2	Compatible	
	HF-P 249 TL5 HO III IDC	9137130281	2	Compatible	
	HF-R 149 TL5 220-240	9137001181	1	Compatible	
	HF-R TD 149 TL5 EII 220-240	9137006062	1	Compatible	
	HF-S 149 TL5 II	9137130334	1	Compatible	
	HF-S 249 TL5 II	9137130335	2	Compatible	
	HF-R Es 249 TL5	9137006621	2	Compatible	
	HF-P Xt 249 TL5 EII 220-240	9137006298	2	Compatible	
	HF-P 249 TL5 220-240	9137001324	2	Compatible	
	HF-R Es 149 TL5	9137006620	1	Compatible	
	HF-P Xt 149 TL5 EII 220-240	9137006297	1	Compatible	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	Compatible	
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	Compatible	
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1	Compatible	
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	Compatible	
	HF-R 149 TL5 EII	9137006086	1	Compatible	
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	Compatible	
	HF-P 249 TL5 HO III IDC 4CIC	9137130281	2	Compatible	
	HF-P 249 TL5 HO III IDC C2E	9137130281	2	Compatible	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	Compatible	
	HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2	Compatible	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	Compatible	
	HF-R 249 TL5 EII	9137006087	2	Compatible	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	Compatible	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	Compatible	
	OSRAM	QT-FIT5 1X49		1	Compatible
		QT-FIT5 2X49		2	Compatible
		QT-FQ 1X49/230-240 CW		1	Compatible
QTP5 1x49 (SHORTER VERSION)			1	Compatible	
QTP5 2X49			2	Compatible	
Qti 1x35/49/80 GII			1	Compatible	
Qti 1x35/49/80			1	Compatible	
Qti 1x28/54/35/49 GII			1	Compatible	
Qti 1x35/49/80 DIM			1	Compatible	
Qti DALI 1x35/49/80 DIM			1	Compatible	
Qti 2x35/49/80 GII			2	Compatible	
Qti 2x28/54/35/49 GII			2	Compatible	
Qti 2x35/49 DIM			2	Compatible	
Qti 2x35/49/80 DIM			2	Compatible	
Qti DALI 2x35/49/80 DIM			2	Compatible	
HELVAR	EL1X49ngn5		1	Compatible	
	EL1x49s		1	Compatible	
	EL1x49s-u		1	Compatible	
	EL2X49ngn5		2	Compatible	
	EL2x49s		2	Compatible	
	EL1x49iDim		1	Compatible	
	EL1x49sc		1	Compatible	
	EL2x49iDim		2	Compatible	

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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	Ballast type	10nc / Ref. no.	Lamps on ballast
TRIDONIC ATCO	PC 1/49 T5 INDUSTRY	89800456	1
	PC 1/49 T5 PRO lp	22087917	1
	PC 1x49 T5 PRO lp	22185153	1
	PC 1x49 T5 TOP lp	22185163	1
	PC 2/49 T5 INDUSTRY	89800457	2
	PC 2/49 T5 PRO lp	22087646	2
	PC 2x49 T5 PRO lp	22185154	2
	PC 2x49 T5 TOP lp	22185164	2
	PCA 2/49 T5 ECO lp	22089499	2
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1
	PCA 1x35/49/80 T5 ECO lp	22185096	1
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1
	PCA 1x49 T5 BASIC lp	22185082	1
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2
	PCA 2x49 T5 BASIC lp	22185083	2
	PCA 2x35/49 T5 ECO lp	22185097	2
VOSSLOH-SCHWABE	ELXd 249.614	188343	2
	ELXc 154.633	188946	1
	ELXc 180.634	188947	1
	ELXd 180.613	188342	1
	ELXd 180.605	188334	1
	ELXc 149.234	183116	1
	ELXc 254.636	188949	2
	ELXc 280.637	188950	2
	ELXd 249.606	188335	2
	ELXd 280.631	188605	2
	ELXc 249.235	183117	2
	ELXd 280.630	188604	2
BAG-HUECO	BCS49.1FX-11/220-240	10077583	1
	BCS49.2FX-11/220-240	10077584	2
	MLD54.1FR-11/220-240/DALI	10097815	1
	BCD49.1F-01/220-240	10097247	1
	MLS80.1/54.2FR-11/220-240	10071609	1
	MLS80.1FR-11/220-240	10071608	1
	MLD80.1FR-11/220-240/DALI	10097820	1
	SCS49.1F-01/220-240	0	1
	MLD54.2FR-11/220-240/DALI	10092121	2
	BCD49.2F-01/220-240	10097297	2
	MLD80.2FR-11/220-240/DALI	10101905	2
	MLS54.2F-01/220-240	166412	2
	MLS80.1/54.2FR-11/220-240	10071609	2
Others	BTLT 149	137998/149	1
	BTLT 249	137999/49	2
	Direct mains		

MAS LEDtube HF 1500mm HO 26W 8x T5
Model number / EOC code: 9290012961A / 871869668552500 9290012962A / 871869668554900 9290012963A / 871869668556300
AC (50 Hz) on HF Ballast Compatible
*
*
*
* / dim
*

General note Philips Master LEDtube HF InstantFit T5 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 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 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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MAS LEDtube HF 1500mm UO 36W 8x T5	
Model number / EOC code: 9290013461 / 871869670599500 9290013462 / 871869670603900 9290013463 / 871869670605300	
AC (50 Hz) on HF Ballast Compatible	
*	
* / Dim	
* / Dim	

	Ballast type	10nc / Ref. no.	Lamps on ballast
PHILIPS	HF-P 2 80 TL5/PL-L III IDC	9137130343	2
	HF-P I 80 TL5/PL-L III IDC	9137130342	1
	HF-P Xt 180 TL5 EII 220-240	9137006301	1
	HF-P Xt 280 TL5 EII 220-240	9137006302	2
	HF-R 180 TL5/PLL EII	9137006090	1
	HF-R 280 TL5/PLL EII 220-240	9137006091	2
	HF-R TD 180 TL5/PLL 220-240	9137006066	1
	HF-R TD 280 TL5/PL-L EII	9137006096	2
	HF-S 2 80 TL5/PL-L II	9137130423	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 Ip	22185209	1
	PC 2/80 T5 INDUSTRY	89800461	2
	PC 2x80 T5 PRO Ip	22185210	2
	PCA 1x80 T5 BASIC Ip	22185084	1
	PCA 2x80 T5 BASIC Ip	22185085	2
	PCA 2x80 T5 ECO Ip	22185098	2
	PCA 2x80 T5 EXCEL one4all Ip	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 Master LEDtube HF InstantFit T5 UO

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 HE T5 – 600 mm



Ballast Compatibility

KEY

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

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	Ballast type	12nc	Lamps on ballast	
PHILIPS	HF-E 114 TL5 II	9137130414	1	
	HF-E 214 TL5 II	9137130415	2	
	HF-E 3/414 TL5 II	9137130413	3	
	HF-E 3/414 TL5 II	9137130413	4	
	HF-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-S 3/414 TL5 II	9137130330	3	
	HF-S 3/414 TL5 II	9137130330	4	
	HF-P 3/414 TL5 III IDC	9137130339	3	
	HF-P 3/414 TL5 III IDC	9137130339	4	
	HF-P 3/4 14 TL5 EII 220-240	9137006013	3	
	HF-P 3/4 14 TL5 EII 220-240	9137006013	4	
	HF-R 114 TL5 220-240	9137001287	1	
	HF-R 3/414 TL5 220-240	9137001423	3	
	HF-R 3/414 TL5 220-240	9137001423	4	
	HF-R Es 114-35 TL5	9137006616	1	* / Dim
	HF-R Es 214-35 TL5	9137006617	2	* / Dim
	HF-R DALI 214 TL5 220-240	9137001313	2	
	HF-R TD 314 TL5 EII	9137006291	3	
	HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	3	
HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	4		
HF-Ri TD 1 14/21/24/39 E+	9137006983	1		
HF-Ri TD 2 14/21/24/39 E+	9137006984	2		
BLUE 114 LH TL/PLS/PLC	9137004217	1		
OSRAM	QT-FIT5 1x14-35		1	
	QT-FIT5 2x14-35		2	
	QT-FIT5 3x14, 4x14		3	
	QT-FIT5 3x14, 4x14		4	
	QTP5 1x14-35		1	
	QTP5 2x14-35		2	
	QTP5 3x14, 4x14		3	
	QTP5 3x14, 4x14		4	
HELVAR	EL1x14-35ngn5		1	
TRIDONIC ATCO	PC 1x14-35 T5 TOP Ip	22185157	1	
	PC 2x14-28 T5 TOP Ip	22185158	2	
	PC 3/4x14 T5 TOP Ip	22185220	3	
	PC 3/4x14 T5 TOP Ip	22185220	4	
	PC 1x14-35 T5 PRO Ip	22185147	1	
	PC 2x14-35 T5 PRO Ip	22185148	2	
	PC 3/4x14 T5 PRO Ip	22185211	3	
	PC 3/4x14 T5 PRO Ip	22185211	4	
VOSSLOH-SCHWABE	ELXc 135.220	188921	1	.
BAG-HUECO	BCS14.3-4FR-01/220-240	10052868	3	
	BCS14.3-4FR-01/220-240	10052868	4	
	BCS35.1FX-11/220-240	10077579	1	
Others	Direct mains			

General note Philips Master LEDtube HF InstantFit HE T5

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

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

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

MASTER LEDtube HF InstantFit HE T5 - 900 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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**MAS LEDtube HF 900mm
HE 11W 8xx T5**

Model number / EOC code:
9290019957 / 871869963281600
9290019958 / 871869963283000
9290019959 / 871869963285400

AC (50 Hz) on HF Ballast Compatible

	Ballast type	12nc	Lamps on ballast
PHILIPS	HF-P 1 14-35 TL5 HE III IDC 4CIC	9137130310	1
	HF-P 1 14-35 TL5 HE III IDC C2E	9137130310	1
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2
	HF-S 114-35 TL5 II	9137130429	1
	HF-S 2 14-35 TL5 HE II	9137130421	2
OSRAM	QT-FIT5 1x14-35		1
	QT-FIT5 2x14-35		2
	QTP5 1x14-35		1
	QTP5 2x14-35		2
HELVAR	EL1x14-35ngn5		1
TRIDONIC ATCO	PC 1x14-35 T5 PRO Ip	22185147	1
	PC 1x14-35 T5 TOP Ip	22185157	1
	PC 2x14-28 T5 TOP Ip	22185158	2
VOSSLOH-SCHWABE			
BAG-HUECO			
Others	Direct Mains		1

General note 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.

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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

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	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
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
	EZP5 2x28/220-230		2
HELVAR	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 (production date before 2014)	22185147	1
	PC 1x14-35 T5 PRO Ip (production date after 2014)	22185147	1
	PC 2x14-35 T5 PRO Ip	22185148	2
VOSSLOH-SCHWABE	ELXc 135.220	188921	1
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1
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
*
*
*
*
*

General note 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.

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MASTER LEDtube HF InstantFit HE T5 - 1500 mm

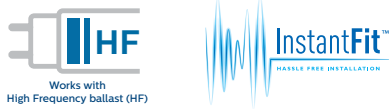


Ballast Compatibility

KEY

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

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	Ballast type	12nc	Lamps on ballast
PHILIPS	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-P 135 TLD 220-240	9137001367	1
	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	9137006958	2
OSRAM	QT-FIT5 1x14-35		1
	QT-FIT5 2x14-35		2
	QTP5 1x14-35		1
	QTP5 2x14-35		2
HELVAR	EL1x14-35ngn5		1
TRIDONIC ATCO	PC 1x14-35 T5 TOP lp	22185157	1
	PC 2x35 T5 TOP lp	28000047	2
	PC 1x14-35 T5 PRO lp (production date before 2014)	22185147	1
	PC 1x14-35 T5 PRO lp (production date after 2014)	22185147	1
	PC 2x14-35 T5 PRO lp	22185148	2
VOSSLOH-SCHWABE	ELXc 135.220	188921	1
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1
Others	Direct mains		

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

General note Philips Master LEDtube HF InstantFit HE T5

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

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

Dimming a LEDtube: 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 - 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	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HO, InstantFit 2100lm	MASTER LEDtube 1200mm HF UO, InstantFit 2500lm
				Model number / EOC code: 9290012263 / 871869656616900	Model number / EOC code: 9290012843A / 871869668752900 9290012841A / 871869668748200 9290012842A / 871869668750500	Model number / EOC code: 9290013002A / 871869668800700 9290013000A / 871869668796300 9290013001A / 871869668798700
				AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1			
	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			
	4CIC / C2E					
	HF-P 236 TL-D III IDC	9137130316	2			
	4CIC / C2E					
	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			
	4CIC / C2E					
	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			

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 HO, InstantFit 2100lm	MASTER LEDtube 1200mm HF UO, InstantFit 2500lm	
			Model number / EOC code: 9290012263 / 871869656616900	Model number / EOC code: 9290012843A / 871869668752900 9290012841A / 871869668748200 9290012842A / 871869668750500	Model number / EOC code: 9290013002A / 871869668800700 9290013000A / 871869668796300 9290013001A / 871869668798700	
Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	
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			
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 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 Master LEDtube HF InstantFit T8

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



	Ballast type	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube 1500mm HF HO, InstantFit 3100lm		MASTER LEDtube 1500mm HF UO, InstantFit 3700lm	
				AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EI 158 TL-D 220-240	9137 006 075	1				
	HF-B 158 TLD 220-240	9137 001 123	1				
	HF-B 158 TLD EII 220-240	9137 001 927	1				
	HF-B 258 TLD 220-240	9137 001 125	2				
	HF-B 258 TL-D EII 220-240	9137 001 929	2				
	HF-E 158 TL-D	9137 130 389	1				
	HF-E 1/2 58 TL-D II	9137 130 409	2				
	HF-E 1/2 58 TL-D II	9137 130 409	1				
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1				
	HF-P 158 TLD EII 220-240	9137 001 912	1				
	HF-P 158 TL-D III IDC	9137 130 318	1				
	HF-P 258 TLD EII 220-240	9137 001 916	2				
	HF-P 258 TL-D III IDC	9137 130 319	2				
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1				
	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2				
	HF-P 158 TLD 220-240	9137 001 185	1				
	HF-P 258 TLD 220-240	9137 001 110	2				
	HF-R 258 TLD 220-240	9137 001 119	2				
	HF-R 158 TLD EII	9137 006 094	1				
	HF-R 258 TLD EII	9137 006 095	2				
	HF-RITD 1 28/35/49/54TL5 E+	9137006956	1				
	HF-RITD 2 28/35/49/54TL5 E+	9137006958	2				
	HF-S 158		1				
	HF-S 158 TL-D II	9137 130 322	1				
	HF-S 258 TL-D II	9137 130 325	2				
	HF-S 258 TL-D II HT	9137 006 899	2				
HF-S 158 TLD 220-240	9137 006 319	1					
EB-P 258 TLD ICC 220-240	9137 130 210	2					
HF-P 258 TLD 220-240	9137001206	2					
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1				
	QT Deluxe HF 2x58 230-240 Dim		2				
	QT-FIT8 1x58 - 70		1				
	QT-FIT8 2x58 70		2				
	QTP8 1x58		1				
	QTP8 2x58		2				
	QTP-OPTIMAL 1x54-58		1				
	QTP OPTIMAL 2x54 58		2				
	QT 1X58 DIM		1				
	QT-FIT 5/8 1x54-58		1				
	QT-FIT 5/8 2x54-58		2				
QT-FIT8 2x58		2					
HELVAR	EL1x58ngn		1				
	EL1x58s		1				
	EL2x58es		2				
	EL2x58HF		2				
	EL2x58ngn		2				
	EL2x58s		2				
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86 458 037	1				
	PC 1/58 T8 PRO	22 176 094	1				
	PC 1x58 T8 PRO lp	22 185 215	1				
	PC 2/58 T8 INDUSTRY	86 458 038	2				
	PC 2x58 E011		2				
	PC 2x58 E011 IDC	22 083 174	2				
	PC 2x58 T8 PRO sl	22 185 218	2				
	PC 1x58 T8 TOP sl	22185224	1				
	PC 2x58 T8 TOP sl	22185227	2				
	PCA 1/58 excel one4all	22 085 286	1				
	PCA 2x58 EXCEL One4all lp	28 000 040	2				

MASTER LEDtube HF InstantFit T8 - 1500 mm



Ballast Compatibility

KEY

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

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			MASTER LEDtube 1500mm HF HO, InstantFit 3100lm	MASTER LEDtube 1500mm HF UO, InstantFit 3700lm
			Model number / EOC code: 9290012846A / 871869668758100 9290012844A / 871869668754300 9290012845A / 871869668756700	Model number / EOC code: 9290013005A / 871869668806900 9290013003A / 871869668802100 9290013004A / 871869668804500
			AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
Ballast type	10nc / Ref. no.	Lamps on ballast		
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	
	ELXc 158.209	188706	1	
	ELXc 158.218	188870	1	
	ELXc 258.203	188317	2	
	ELXc 258.210	188707	2	
	ELXc 258.219	188871	2	
	ELXe 258.222	188130	2	
	ELXe 258.222	188130	1	
ELXe 158.524	188024	1		
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145	1	
	BCS58.1FX-11/220-240	1007 7592	1	
	BCS58.2FX-11/220-240	1007 7593	2	
	BCS58.2SX-01/220-240	1005 1003	2	
	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 Master LEDtube HF InstantFit T8

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

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 1200mm Universal, Instant Fit 2500lm	
			Model number / EOC code: 9290013361 / 871869670537700 9290013362 / 871869670539100 9290013360 / 871869672853600	
			AC (50Hz) on HF Ballast Compatible	
	Ballast type	10nc	Lamps on ballast	
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1	
	EB-S 236 TL-D 220-230	9137130216	2	
	HF-B 136 TLD 220-240	9137001122	1	
	HF-B 136 TLD EII 220-240	9137001926	1	
	HF-B 236 TL-D 220-240	9137001124	2	
	HF-B 236 TLD EII 220-240	9137001928	2	
	HF-E 136 TL-D II	9137130410	1	
	HF-E 236 TL-D	9137130391	2	
	HF-E 236 TL-D II	9137130411	2	
	HF-K 136 TLD 220-240	9137001477	1	
	HF-P 136 TL-D III IDC	9137130315	1	
	HF-P 236 TL-D III IDC	9137130316	2	
	HF-P 336 TL-D III IDC	9137130317	3	
	HF-P Xt 136 TLD EII 220-240	9137006177	1	
	HF-P XT 236 TLD EII 220-240	9137006178	2	
	HF-P 136 TLD EII 220-240	9137001911	1	
	HF-P 236 TLD 230-240	9137001112	2	
	HF-Pi 1 14/21/24/28/39 TL5 EII 220-240	9137006240	1	
	HF-R 136 TL-D EII	9137006092	1	
	HF-R 236 TL-D EII	9137006093	2	
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1	
	HF-Ri TD 1 14/21/24/39TL5 E+	9137006983	1	
	HF-Ri TD 2 14/21/24/39TL5 E+	9137006984	2	
	HF-S 136 TL-D II	9137130321	1	
	HF-S 236 TL-D II	9137130324	2	
	HF-S 336 TL-D II	9137130327	3	
	HF-P 118/136 TL-D III	9137130315	1	
	HF-S 118/136 TL-D II	9137130321	1	
			9137130316	2
			9137130324	2
	OSRAM	QT-FIT8 1x36		1
		QT-FIT8 2x36		2
		QTP8 1x36		1
		QTP8 2x36		2
QTP-OPTIMAL 1x18-40			1	
QTP-OPTIMAL 2x18-40			2	
QT-FIT 5/8 2x18-39			2	
HELVAR	EL1x36/40/18S		1	
	EL1x36HF		1	
	EL1x36ngn		1	
	EL2x36/40s		2	
	EL2x36ngn		2	
TRIDONIC ATCO	PC 1/36 T8 INDUSTRY	86458035	1	
	PC 1/36 T8 PRO	22176217	1	
	PC 1x36 T8 PRO Ip	22185214	1	
	PC2/36 T8 INDUSTRY	86458036	2	
	PC2x36 T8 PRO sl	22185217	2	
	PC 2x36 T8 TOP sl	22185226	2	
	PC 1x36 T8 TOP sl	22185223	1	
	PC1/36 T8 PRO sc	89800008	1	
	PC 1/36 T8 PRO	22176108	1	
	PC 3/36 T8 PRO	22176231	3	

MASTER LEDtube Universal T8 - 1200 mm



Ballast Compatibility

KEY

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

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



	Ballast type	10nc	Lamps on ballast
VOSSLOH-SCHWABE	ELXc 136.207	188708	1
	ELXc 236.202	188316	2
	ELXc 236.208	188705	2
	ELXe 238.527	188137	2
	ELXe 238.527	188137	1
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1
	BCS36.2FX-11/220-240	10077591	2
	D36.2-23021 E	166132	2
	D 58.1-23021 E	166072	1
	ECS36.2SR-01/220-240	167032	2
Trilux	D36.2-23021 E		2
	D58.1-23021E		1
	DD58.1-23031E		1
Others	EM ballast		1
	Direct Mains (only one single side supply)		1

**MASTER LEDtube 1200mm Universal,
Instant Fit
2500lm**

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

AC (50Hz) on HF Ballast Compatible

General note Philips Master LEDtube Universal T8

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

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

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

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

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

MASTER LEDtube Universal T8 - 1500 mm

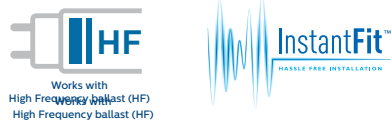


Ballast Compatibility

KEY

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

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Ballast type	10nc / Ref. no.	Lamps on ballast	
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 158 TLD 220-240	9137 001 118	1
	HF-R 258 TLD 220-240	9137 001 119	2
	HF-R 158 TLD EII	9137 006 094	1
	HF-R 258 TLD EII	9137 006 095	2
	HF-R TD 258 TLD EII 220-240	9137 006 070	2
	HF-RITD 1 28/35/49/54TL5 E+	9137006956	1
	HF-RITD 2 28/35/49/54TL5 E+	9137006958	2
	HF-S 158		1
	HF-S 158 TL-D II	9137 130 322	1
	HF-S 158 TL-D II 220-240V 50/60Hz	9137 130 322	1
	HF-S 258 TL-D II	9137 130 325	2
	HF-S 258 TL-D II HT	9137 006 899	2
	HF-S 158 TLD 220-240	9137 006 319	1
	EB-P 258 TLD ICC 220-240	9137 130 210	2
	OSRAM	QT Deluxe HF 1x58 230-240 DIM	
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	22185224	1
	PC 2x58 T8 TOP sl	22185227	2
	PCA 1/58 excel one4all	22 085 286	1
	PCA 2x58 EXCEL One4all lp	28 000 040	2

MASTER LEDtube 1500mm Universal Instant Fit 3700lm
Model number / EOC code: 9290013364 / 871869670533900 9290013365 / 871869670535300 9290013363 / 871869672851200
AC (50Hz) on HF Ballast Compatible

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 note 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

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.

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

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CorePro LEDtube UN
1200mm HO
18W8xx T8

Model number / EOC code:
9290018692 / 871869680166600
9290018693 / 871869680168000
9290018694 / 871869680170300

	Ballast type	10nc / Ref. no.	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1	
	EB-S 236 TL-D 220-230	9137130216	2	
	HF-B 136 TLD 220-240	9137001122	1	
	HF-B 136 TLD EII 220-240	9137001926	1	
	HF-B 236 TL-D 220-240	9137001124	2	*
	HF-B 236 TLD EII 220-240	9137001928	2	*
	HF-E 136 TL-D II	9137130410	1	
	HF-E 236 TL-D	9137130391	2	
	HF-E 236 TL-D II	9137130411	2	
	HF-K 136 TLD 220-240	9137001477	1	
	HF-P 136 TL-D III IDC	9137130315	1	*
	HF-P 236 TL-D III IDC	9137130316	2	*
	HF-P 336 TL-D III IDC	9137130317	3	
	HF-P Xt 136 TLD EII 220-240	9137006177	1	
	HF-P XT 236 TLD EII 220-240	9137006178	2	
	HF-P 136 TLD EII 220-240	9137001911	1	
	HF-P 236 TLD 230-240	9137001112	2	
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	*
	HF-R 136 TL-D EII	9137006092	1	
	HF-R 236 TL-D EII	9137006093	2	
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1	
	HF-Ri TD 1 14/21/24/39TL5 E+	9137006983	1	
	HF-S 136 TL-D II	9137130321	1	*
	HF-S 236 TL-D II	9137130324	2	
	HF-S 336 TL-D II	9137130327	3	
	HF-P 118/136 TL-D III	9137130315	1	
	HF-S 118/136 TL-D II	9137130321	1	
	HF-P 136 TLD 220-240	9137001727	1	
	HF-P 138 TLD 220-240	9137001220	1	
	HF-P 218/236 TL-D III	9137130316	2	*
HF-S 218/236 TL-D II	9137130324	2		
OSRAM	QT-FIT8 1x36		1	*
	QT-FIT8 2x36		2	
	QTP8 1x36		1	*
	QTP8 2x36		2	
	QTP-OPTIMAL 1x18-40		1	
	QTP-OPTIMAL 2x18-40		2	
	QT-FIT 5/8 2x18-39		2	
HELVAR	EL1x36/40/18S		1	
	EL1x36HF		1	*
	EL1x36ngn		1	
	EL2x36/40s		2	
	EL2x36ngn		2	
TRIDONIC ATCO	PC 1/36 T8 INDUSTRY	86458035	1	
	PC 1/36 T8 PRO	22176217	1	
	PC 1x36 T8 PRO lp	22185214	1	
	PC2/36 T8 INDUSTRY	86458036	2	*
	PC2x36 T8 PRO sl	22185217	2	
	PC 2x36 T8 TOP sl	22185226	2	
	PC 1x36 T8 TOP sl	22185223	1	
	PCI/36 T8 PRO sc	89800008	1	
	PC 3/36 T8 PRO	22176231	3	

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

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	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: 9290018692 / 871869680166600 9290018693 / 871869680168000 9290018694 / 871869680170300
AC (50Hz) on HF Ballast Compatible
•
•

General note 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

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

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

CorePro LEDtube Universal HO - 1500 mm

Ballast Compatibility



KEY

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

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CorePro LEDtube UN
1500mm HO
18W8xx T8

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

	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	
	HF-B 158 TLD 220-240	9137 001 123	1	
	HF-B 158 TLD EII 220-240	9137 001 927	1	
	HF-B 258 TLD 220-240	9137 001 125	2	
	HF-B 258 TL-D EII 220-240	9137 001 929	2	
	HF-E 158 TL-D	9137 130 389	1	
	HF-E 1/2 58 TL-D II	9137 130 409	2	
	HF-E 1/2 58 TL-D II	9137 130 409	1	
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	
	HF-P 158 TLD EII 220-240	9137 001 912	1	
	HF-P 158 TL-D III IDC	9137 130 318	1	
	HF-P 258 TLD EII 220-240	9137 001 916	2	
	HF-P 258 TL-D III IDC	9137 130 319	2	
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	
	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	
	HF-P 158 TLD 220-240	9137 001 185	1	
	HF-P 258 TLD 230-240	9137 001 110	2	
	HF-R 158 TLD 220-240	9137 001 118	1	
	HF-R 258 TLD 220-240	9137 001 119	2	
	HF-R 158 TLD EII	9137 006 094	1	
	HF-R 258 TLD EII	9137 006 095	2	
	HF-R TD 258 TLD EII 220-240	9137 006 070	2	
	HF-RITD 1 28/35/49/54TL5 E+	9137006956	1	
	HF-RITD 2 28/35/49/54TL5 E+	9137006958	2	
	HF-S 158		1	
	HF-S 158 TL-D II	9137 130 322	1	
HF-S 258 TL-D II	9137 130 325	2		
HF-S 258 TL-D II HT	9137 006 899	2		
HF-S 158 TLD 220-240	9137 006 319	1		
EB-P 258 TLD ICC 220-240	9137 130 210	2		
HF-P 258 TLD 220-240	9137001206	2		
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1	
	QT Deluxe HF 2x58 230-240 Dim		2	
	QT-FIT8 1x58 - 70		1	
	QT-FIT8 2x58 70		2	
	QTP8 1x58		1	
	QTP8 2x58		2	
	QTP-OPTIMAL 1x54-58		1	
	QTP OPTIMAL 2x54 58		2	
	QT 1X58 DIM		1	
	QT-FIT 5/8 1x54-58		1	
	QT-FIT 5/8 2x54-58		2	
QT-FIT8 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	

CorePro LEDtube Universal HO - 1500 mm

Ballast Compatibility



KEY

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

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Ballast type	10nc / Ref. no.	Lamps on ballast
VOSSLOH-SCHWABE	ELXc 158.201	188315
	ELXc 158.209	188706
	ELXc 158.218	188870
	ELXc 258.203	188317
	ELXc 258.210	188707
	ELXc 258.219	188871
	ELXe 258.222	188130
	ELXe 258.222	188130
	ELXe 158.524	188024
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145
	BCS58.1FX-11/220-240	1007 7592
	BCS58.2FX-11/220-240	1007 7593
	BCS58.2SX-01/220-240	1005 1003
	BCS58.1SR-01/220-240	
	D 58.1-23021 E	166 072
	D 58.2-23021 E	166 082
	SCS58.2SR-11/220-240	166 272
Trilux	D58.1-23021E	
	DD58.1-23031E	
	D58.2-23021E	
May + Christie	MCU 158	
	MCU 258	
Others	Direct Mains (only one single side supply)	
	Electro Magnetic Ballast	

CorePro LEDtube UN 1500mm HO 18W8xx T8
Model number / EOC code: 9290018695 / 871869680172700 9290018696 / 871869680174100 9290018697 / 871869680176500
AC (50Hz) on HF Ballast Compatible

General note 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

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

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



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