

Compatibility List Professional Q3 2026

LEDtube

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MASTER LEDtube HF T5 HO - 600 mm

Ballast compatibility

Key

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

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 600mm HO 10.5W 8xx T5 Model number / (**Short**) EOC code: 9290035962 / 8720169**16307200** 9290035963 / 8720169**16309600** 9290035964 / 8720169**16311900** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-Ri TD 1 14/21/24/39 TL5 E+	913700670866	1	* / Dim
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700698366	1	* / Dim (3)
	HF-P 1 24-39 TL5 HO III IDC	913713034066	1	
	HF-P 1 24-39 TL5 HO 220-240	913700165966	1	
	HF-S 124-39 TL5 II	913713034466	1	
	HF-P 1 24-39 TL5 HO EII 220-240	913700613166	1	
	HF-R 224 TL5/PL-L EII	913700633166	2	
	HF-R 224 TL5 220-240	913700141166	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700670966	2	* / Dim (3)
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	
	HF-P 224-39 TL5 HO III IDC	913713034166	2	
	HF-S 224-39 TL5 II	913713034566	2	*
	HF-Ri TD 3 14/24 TL5 E+	913700679066	3	** / Dim (3)
	HF-Ri TD 4 14/24 TL5 E+	913700679166	4	* / Dim (3)
	HF-Pi 3/4 14/24 TL5/PLL EII	913700657666	3	
	HF-Pi 3/4 14/24 TL5/PLL EII	913700657666	4	
	HF-Pi I 14/21/24/39 TL5 Ell 220-240	913700624066	1	
OSRAM	QT-FIT 5/8 2x18-39		2	*
	QTi 1x14/24/21/39 GII		1	*
	Qti DALI 2x14/24 Dim		2	** / Dim (4)
	QTi 2x14/24/21/39 GII		2	
	QTi DALI 3x14/24 Dim		3	* / Dim (4)
	QTi 3x14/24 Dim		3	* / Dim (1) (4)
	QTi 4x14/24 Dim		4	
	QTi DALI 4x14/24 Dim		4	
	QTP5 1X24-39		1	
	QT-FQ 1X24-39/230-240F/CW		1	
HELVAR	EL1x24s		1	
TRIDONIC ATCO	PC 2x24 T5 TOP lp	22185160	2	
	PC 3/4x24 T5 TOP lp	22185221	3	
	PC 3/4x24 T5 TOP lp	22185221	4	
	PC 2/14-21/24/39 T5 PRO-M lp	22176185	2	*
	PCA 2x14/24 T5 ECO lp	22185095	2	*
	PCA 2x14/24 T5 EXCEL one4all lp	22185104	2	*
	PCA 3x14/24 T5 EXCEL one4all lp	22176209	3	
	PCA 3x14/24 T5 ECO lp	22176211	3	
	PCA 3x14/24 T5 EXCITE lp	28000307	3	
	PCA 4x14/24 T5 EXCEL one4all lp	22176210	4	
	PCA 4x14/24 T5 ECO lp	22176212	4	
	PCA 4x14/24 T5 EXCITE lp	28000308	4	
VOSSLOH-SCHWABE	ELXc 140.862	188140	1	
	ELXc 240.863	188616	2	
	ELXc 139.632	188945	1	
	ELXd 124.600	188329	1	** / Dim (3)
	ELXd 124.607	188336	1	*
	ELXc 239.635	188948	2	
	ELXd 224.601	188330	2	** / Dim (3)
	ELXd 224.608	188337	2	**
	ELXd 324.623	188597	3	*
	ELXd 324.626	188600	3	** / Dim (1) (3)
	ELXd 424.624	188598	4	
	ELXd 424.628	188602	4	** / Dim (3)

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

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MASTER LEDtube HF T5 HO - 600 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 600mm HO 10.5W 8xx T5 Model number / (**Short**) EOC code: 9290035962 / 8720169**16307200** 9290035963 / 8720169**16309600** 9290035964 / 8720169**16311900** **AC (50 Hz) on HF Ballast Compatible**
BAG-HUECO	BCS39.1FX-11/220-240	10077581	1	
	BCD39.1F-01/220-240/1-10V	10097246	1	**
	BCS39.2FX-11/220-240	10077582	2	
	BCD39.2F-01/220-240/1-10V	10097296	2	*
	MLS54.2F-01/220-240	166412	2	**
	MLD39.1FR-11/220-240/DALI	10097811	1	
	MLS39.1-2FR-11/220-240	10092026	1	**
	MLS39.1-2FR-11/220-240	10092026	2	
	MLD39.2FR-11/220-240/DALI	10092117	2	* * / Dim (3)
	MLD14/24.3FR-04/220-240/DALI	10105150	3	* * / Dim (3)
	MLS14/24.3-4FR-11/220-240	10095345	3	* *
	MLS14/24.3-4FR-11/220-240	10095345	4	* *
	MLS80.1F-01/220-240	166312	1	
Others	Direct mains			

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

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

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

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

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MASTER LEDtube HF T5 HO - 900 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 900mm HO 18.5W 8xx T5 Model number / (**Short**) EOC code: 9290035965 / 8720169**16313300** 9290035966 / 8720169**16315700** 9290035967 / 8720169**16317100** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-Ri TD 1 14/21/24/39 TL5 E+	913700670866	1	Dim
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700698366	1	* / Dim (3)
	HF-P 1 24-39 TL5 HO III IDC	913713034066	1	
	HF-P 1 24-39 TL5 HO 220-240	913700165966	1	
	HF-S 124-39 TL5 II	913713034466	1	
	HF-R 139 TL5 EII	913700632966	1	Dim (2) (4)
	HF-P 1 24-39 TL5 HO EII 220-240	913700613166	1	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700670966	2	Dim (3)
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	Dim (3)
	HF-P 224-39 TL5 HO III IDC	913713034166	2	
	HF-S 224-39 TL5 II	913713034566	2	*
	HF-R 239 TL5 DALI 220-240	913700141466	2	* / Dim (4)
	HF-R 239 TL5 EII	913700633266	2	Dim (3)
	HF-Pi I 14/21/24/39 TL5 Ell 220-240	913700624066	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	* / Dim
OSRAM	QT-FIT 5/8 2x18-39		2	
	QTi 1x21/39 Dim		1	** / Dim (3)
	QTi DALI 1x21/39 Dim		1	** / Dim
	QTi 2x21/39 Dim		2	** / Dim (3)
	QTi DALI 2x21/39 Dim		2	** / Dim (3)
	QTi 1x14/24/21/39 GII		1	*
	QTi 2x14/24/21/39 GII		2	*
	QT-FQ 1X24-39/230-240F/CW		1	
	QTP5 1X24-39		1	
	QT-FQ 1X39/230-240		1	
	QT-FQ 1X39/230-240 CW		1	
HELVAR	EL 1X39/36ngn5		1	**
	EL 1X39sc		1	
	EL 2X39/36ngn5		2	**
	EL 2X39sc		2	**
TRIDONIC ATCO	PC 1x39 T5 TOP lp	22185161	1	
	PC 1x39 T5 PRO lp	22185151	1	
	PC 1/39 T5 PRO lp	22087908	1	**
	PCA 1x39 T5 BASIC lp	22185092	1	*
	PC 2x39 T5 TOP lp	22185162	2	*
	PC 2x39 T5 PRO lp	22185152	2	*
	PCA 2x39 T5 BASIC lp	22185093	2	**
	PCA 1x21/39 T5 ECO IP	22185101	1	*
	PCA 1x21/39 T5 EXCEL one4all lp	22185110	1	*/ (2)
	PC 2/14-21/24/39 T5 PRO-M lp	22176185	2	*
	PCA 2x21/39 T5 ECO IP	22185102	2	
	PCA 2x21/39 T5 EXCEL one4all lp	22185111	2	
VOSSLOH-SCHWABE	ELXc 140.862	188140	1	
	ELXc 240.863	188616	2	
	ELXc 139.632	188945	1	*
	ELXd 139.609	188338	1	** / Dim (3)
	ELXd 139.602	188331	1	**
	ELXc 239.635	188948	2	*
	ELXd 239.610	188339	2	** / Dim (4)
	ELXd 239.621	188350	2	**

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HO - 900 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 900mm HO 18.5W 8xx T5 Model number / (**Short**) EOC code: 9290035965 / 8720169**16313300** 9290035966 / 8720169**16315700** 9290035967 / 8720169**16317100** **AC (50 Hz) on HF Ballast Compatible**
BAG-HUECO	BCS39.1FX-11/220-240	10077581	1	
	BCD39.1F-01/220-240/1-10V	10097246	1	**
	BCS39.2FX-11/220-240	10077582	2	
	BCD39.2F-01/220-240/1-10V	10097296	2	*
	MLS54.2F-01/220-240	166412	2	
	MLS39.1-2FR-11/220-240	10092026	1	
	MLS39.1-2FR-11/220-240	10092026	2	
	MLD39.2FR-11/220-240/DALI	10092117	2	* * / Dim (3)
	MLS80.1F-01/220-240	166312	1	
Others	Direct mains			

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

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

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

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

MASTER LEDtube HF T5 HO - 1200 mm

Ballast compatibility

Key

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HO 26W 8xx T5 Model number / (**Short**) EOC code: 9290023520A / 8718699**74951400** 9290023521A / 8718699**74953800** 9290023522A / 8718699**74955200** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 154/155 TL5 HO/PL-L III IDC 4CIC	913713028266	1	
	HF-P 154/155 TL5 HO/PL-L III IDC C2E	913713028266	1	
	HF-R 154 TL5 220-240	913700129166	1	* *
	HF-R 154 TL5 220-240	913700608866	1	
	HF-E 1/2 54 TL5 II	913713040866	1	* *
	HF-R TD 154 TL5 EII 220-240	913700606466	1	Dim (3)
	HF-P 154 TL5 HO EII 220-240	913700613366	1	
	HF-S 154 TL5 II 4CIC	913713033666	1	
	HF-S 154 TL5 II C2E	913713033666	1	
	HF-R Es 154 TL5	913700661866	1	Dim
	HF-R DALI 154 TL5 220-240	913700133566	1	**
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	*/Dim
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	*/Dim
	HF-S 254 TL5 II 4CIC	913713033766	2	*
	HF-S 254 TL5 II C2E	913713033766	2	
	HF-E 1/2 54 TL5 II	913713040866	2	
	HF-R Es 254 TL5	913700661966	2	
	HF-P Xt 254 TL5 EII 220-240	913700630066	2	**
	HF-P 254/255 TL5 HO/PL-L III IDC 4CIC	913713028366	2	
	HF-P 254/255 TL5 HO/PL-L III IDC C2E	913713028366	2	
	HF-R 254 TL5 EII	913700608966	2	
	HF-R TD 254 TL5 EII	913700606566	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	**
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	* / Dim (1)
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	/ (1)
OSRAM	QTP-OPTIMAL 1x54-58		1	
	QT-FIT 5/8 1x54-58		1	
	QTP5 1x54		1	
	QT-FQ 1x54/230-240		1	**
	QTP-OPTIMAL 2x54-58		2	
	QT-FIT 5/8 2x54-58		2	
	QTP5 2x54		2	
	QT-FQ 2x54/230-240 Dim		2	
	Qti 1x28/54/35/49 GII		1	*
	Qti 1x28/54 Dim		1	Dim
	Qti DALI 1x28/54 Dim		1	Dim
	Qti 2x28/54/35/49 GII		2	**
	Qti 2x28/54 Dim		2	
	Qti DALI 2x28/54 Dim		2	
HELVAR	EL1x54ngn5		1	*
	EL1x54s		1	
	EL1x54iDim		1	**
	EL1x54sc		1	**
	EL2x54ngn5		2	
	EL2x54iDim		2	
	EL2x54sc		2	
TRIDONIC ATCO	PC 1x54 T5 PRO lp	22185155	1	
	PC 1x54 T5 TOP lp	22185165	1	** / (1)
	PC 1/54 T5 INDUSTRY	89800458	1	** / (1)
	PC 2x54 T5 PRO lp	22185156	2	*
	PC 2x54 T5 TOP lp	22185166	2	
	PC 2/54 T5 INDUSTRY	89800459	1	** / (1)
	PC 1X28/54 T5 EXCEL one4all lp	22176174	1	**
	PC 1X54 T5 TOP IP	28000031	1	**
	PCA 2x54 T5 BASIC lp	22185089	2	**
	PCA 1x28/54 T5 ECO lp	22185099	1	
	PCA 1x28/54 T5 EXCEL one4all lp	22185108	1	
	PCA 2x28/54 T5 ECO lp	22185100	2	
	PCA 2x28/54 T5 EXCEL one4all lp	22185109	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HO - 1200 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HO 26W 8xx T5 Model number / (**Short**) EOC code: 9290023520A / 8718699**74951400** 9290023521A / 8718699**74953800** 9290023522A / 8718699**74955200** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 254.865	188618	2	
	ELXc 154.633	188946	1	*
	ELXd 154.611	188340	1	Dim
	ELXd 154.603	188332	1	Dim
	ELXc 254.636	188949	2	
	ELXd 254.612	188341	2	
	ELXd 254.604	188333	2	
BAG-HUECO	BCS54.1FX-11/220-240	10077585	1	
	BCD54.1F-01/220-240/1-10V	10097248	1	
	BCS54.1FR-01/220-240	10075881	1	
	BCS54.2FX-11/220-240	10077586	2	
	BCD54.2F-01/220-240/1-10V	10097298	2	
	MLS80.1/54.2FR-11/220-240	10071609	1	
	MLS80.1FR-11/220-240	10071608	1	
	MLD80.1FR-11/220-240/DALI	10097820	1	*
	MLD54.2FR-11/220-240/DALI	10092121	2	
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240	10071609	2	*
	MLS80.1F-01/220-240	166312	1	
TCI	BTLT 154	137998/154	1	*
	BTLT 254	137999/54	2	
Arlen EFA	HFL 254-58M		2	
Others	Direct mains			

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

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

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

MASTER LEDtube HF T5 HO - 1500 mm

Ballast compatibility

Key

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HO 26W 8xx T5 Model number / (**Short**) EOC code: 9290023523A / 8718699**74957600** 9290023524A / 8718699**74959000** 9290023525A / 8718699**74961300** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 1 49 TL5 HO 220-240	913700166066	1	
	HF-P 149 TL5 HO EII 220-240	913700613266	1	*
	HF-P 149 TL5 HO III IDC C2E	913713028066	1	*
	HF-P 149 TL5 HO III IDC 4CIC	913713028066	1	
	HF-S 149 TL5 II 4CIC	913713033466	1	
	HF-S 149 TL5 II C2E	913713033466	1	
	HF-E 1/2 49 TL5 II	913713040766	1	
	HF-P 149 TL5 220-240	913700117766	1	**
	HF-R 149 TL5 220-240	913700118166	1	*
	HF-R TD 149 TL5 EII 220-240	913700606266	1	* / Dim (3)
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	*
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	* / Dim
	HF-Ri TD 1 35/49/80 TL5 E+	913700695766	1	* / Dim
	HF-R Es 149 TL5	913700662066	1	
	HF-P Xt 149 TL5 EII 220-240	913700629766	1	
	HF-Pi 1 28/35/49/80 TL5 EII	913700652566	1	*
	HF-R 149 TL5 EII	913700608666	1	*
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	913700652566	1	*
	HF-R 149 TL5 EII 220-240	913700608666	1	Dim (3)
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	* / Dim
	HF-P 249 TL5 220-240	913700124066	2	** / (1)
	HF-P 249 TL5 HO III IDC 4CIC	913713028166	2	
	HF-P 249 TL5 HO III IDC C2E	913713028166	2	
	HF-E 1/2 49 TL5 II	913713040766	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	**
	HF-Pi 2 28/35/49/80 TL5 EII	913700652666	2	*
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	*
	HF-S 249 TL5 II 4CIC	913713033566	2	
	HF-S 249 TL5 II C2E	913713033566	2	
	HF-R Es 249 TL5	913700662166	2	* / (1)
	HF-P Xt 249 TL5 EII 220-240	913700629866	2	
	HF-P 249 TL5 220-240	913700132466	2	*
	HF-R 249 TL5 EII	913700608766	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	913700652666	2	*
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	*
OSRAM	QT-FQ 1X49/230-240 CW	A45625D00DG	1	
	QTP5 1x49 (shorter version)	A63946E01DG	1	*
	QT-FIT5 1X49	AA7471701DG	1	*
	QTP5 2X49	AA4002200DG	2	
	QT-FIT5 2X49	AA4068801DG	2	*
	QTP5 1x49 (longer version)		1	*
	Qti 1x35/49/80 GII	AA3529702OL	1	*
	Qti 1x35/49/80		1	
	Qti 1x28/54/35/49 GII	AA3529600DG	1	*
	Qti 1x35/49/80 Dim		1	* / Dim (2)
	Qti DALI 1x35/49/80 Dim		1	*
	Qti 2x35/49/80 GII	A74908402DG	2	*
	Qti 2x28/54/35/49 GII	AA3529900DG	2	*
	Qti 2x35/49 Dim		2	*
	Qti DALI 2x35/49 Dim		2	* / Dim (3)
	Qti 2x35/49/80 Dim		2	*
	Qti DALI 2x35/49/80 Dim	AA3864303OL	2	* / Dim (3)
HELVAR	EL1x49s-u		1	*
	EL1x49s		1	*
	EL1X49ngn5		1	*
	EL1x49sc		1	
	EL2x49s		2	
	EL2X49ngn5		2	

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HO - 1500 mm

Ballast compatibility

Key

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HO 26W 8xx T5 Model number / (**Short**) EOC code: 9290023523A / 8718699**74957600** 9290023524A / 8718699**74959000** 9290023525A / 8718699**74961300** **AC (50 Hz) on HF Ballast Compatible**
TRIDONIC ATCO	PC 1/49 T5 PRO lp	22087917	1	*
	PC 1x49 T5 PRO lp	22185153	1	
	PC 1/49 T5 INDUSTRY	89800456	1	*
	PC 1x49 T5 TOP lp	22185163	1	
	PCA 1x49 T5 BASIC lp	22185082	1	*
	PC 2/49 T5 PRO lp	22087646	2	*
	PCA 2/49 T5 ECO lp	22089499	2	*
	PC 2x49 T5 PRO lp	22185154	2	
	PC 2/49 T5 INDUSTRY	89800457	2	*
	PC 2x49 T5 TOP lp	22185164	2	
	PCA 2x49 T5 BASIC lp	22185083	2	
	PCA 1x35/49/80 T5 ECO lp	22185096	1	* / Dim (3)
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	* / Dim (4)
	PCA 1x35/49/80 T5 EXCEL one4all lp	22176172	1	
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
	PCA 2x35/49 T5 ECO lp	22185097	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	*
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	*
VOSSLOH-SCHWABE	ELXc 149.234	183116	1	*
	ELXc 249.235	183117	2	*
	ELXc 154.633	188946	1	*
	ELXc 180.634	188947	1	*
	ELXd 180.613	188342	1	* / Dim (2)
	ELXd 180.605	188334	1	*
	ELXc 254.636	188949	2	*
	ELXd 249.614	188343	2	*
	ELXc 280.637	188950	2	*
	ELXd 249.606	188335	2	* / Dim
	ELXd 280.630	188604	2	*
BAG-HUECO	BCS49.1FX-11/220-240	10077583	1	
	BCD49.1F-01/220-240	10097247	1	* / Dim(3)
	SCS49.1F-01/220-240	166512	1	*
	BCS49.2FX-11/220-240	10077584	2	
	BCD49.2F-01/220-240	10097297	2	*
	MLS80.1/54.2FR-11/220-240	10071609	1	
	MLS80.1FR-11/220-240	10071608	1	*
	MLD80.1FR-11/220-240/DALI	10097820	1	
	MLD54.2FR-11/220-240/DALI	10092121	2	*
	MLD80.2FR-11/220-240/DALI	10101905	2	*
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240	10071609	2	
	MLS80.1F-01/220-240	166312	1	
TCI	BTLT 149	137998/149	1	
	BTLT 249	137999/49	2	
Others	Direct mains			

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

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

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

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

MASTER LEDtube HF T5 UO - 1500 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no	Lamps on ballast	MAS LEDtube HF 1500mm UO 36W 8xx T5 Model number / (**Short**) EOC code: 9290031539 / 8719514**41905600** 9290031540 / 8719514**41907000** 9290031541 / 8719514**41909400** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 2 80 TL5/PL-L III IDC	913713034366	2	
	HF-P I 80 TL5/PL-L III IDC	913713034266	1	
	HF-P Xt 180 TL5 EII 220-240	913700630166	1	*
	HF-P Xt 280 TL5 EII 220-240	913700630266	2	
	HF-R 180 TL5/PLL EII	913700609066	1	Dim
	HF-R 280 TL5/PLL EII 220-240	913700609166	2	
	HF-R TD 180 TL5/PLL 220-240	913700606666	1	Dim
	HF-R TD 280 TL5/PL-L EII	913700609666	2	
	HF-S 2 80 TL5/PL-L II	913713042366	2	
	HF-P 180 TL5/PL-L EII 220-240	913700198966	1	
OSRAM	QT-FQ 1x80/230-240		1	
	QT-FQ 2x80		2	
	QTP5 1x80		1	
	Qti 1x35/49/80 GII		1	*
HELVAR	EL1x80iDim		1	
	EL1x80sc		1	
	EL2x80iDim		2	
TRIDONIC ATCO	PC 1/80 T5 INDUSTRY	89800460	1	
	PC 1x80 T5 PRO lp	22185209	1	
	PC 2/80 T5 INDUSTRY	89800461	2	
	PC 2x80 T5 PRO lp	22185210	2	*
	PCA 1x80 T5 BASIC lp	22185084	1	*
	PCA 2x80 T5 BASIC lp	22185085	2	
	PCA 2x80 T5 ECO lp	22185098	2	
	PCA 2x80 T5 EXCEL one4all lp	22185107	2	
	PC 1/80 T5 PRO lp	22087618	1	
	LUXMATE PCA 1/80 T5 ECO		1	*
VOSSLOH-SCHWABE	ELXc 180.866	188144	1	
	ELXc 280.538	188619	2	*
	ELXc 180.634	188947	1	*
	ELXc 280.637	188950	2	
BAG-HUECO	BCS80.1FX-11/220-240	10077587	1	
	BCS80.2FX-11/220-240	10095407	1	
	SCS80.2F-01/220-240	166692	2	*
	MLS80.1/54.2FR-11/220-240	10071609	2	*
	MLS80.1FR-11/220-240	10071608	1	
	MLD80.1FR-11/220-240/DALI	10097820	1	* / Dim
	MLD80.2FR-11/220-240/DALI	10101905	1	
Others	Direct mains			

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

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

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

MASTER LEDtube HF T5 HE - 600 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no	Lamps on ballast	MAS LEDtube HF 600mm HE 7W 8xx T5 Model number / (**Short**) EOC code: 9290037951 / 872016930966100 9290037952 / 872016930968500 9290037953 / 872016930970800 **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	BLUE 114 LH TL/PLS/PLC	913700421766	1	*
	EB-C 114 TL5	913713196266	1	
	EB-Ci 1-2 14-28W	913713043266	1	
	HF-E 114 TL5 II	913713041466	1	**
	HF-P 1 14-35 TL5 HE III IDC 4CIC	913713031066	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	913713031066	1	
	HF-R 114 TL5 220-240	913700128766	1	**
	HF-R Es 114-35 TL5	913700661666	1	Dim
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700670866	1	
	HF-R 114-35 TL5 EII	913700619866	1	Dim (3)
	HF-S 114-35 TL5 II	913713042966	1	
	HF-S 1 14-35 TL5 HE II	913713042066	1	
	HF-P 1 14-35 TL5 HE EII 220-240	913700612966	1	*
	EB-C 128 TL5 II	913713040466	2	**
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	EB-C 214 TL5	913713196966	2	**
	EB-Ci 1-2 14-28W	913713043266	2	*
	HF-E 214 TL5 II	913713041566	2	
	HF-P 2 14-35 TL5 HE III IDC	913713031166	2	*
	HF-S 2 14-35 TL5 HE II	913713042166	2	*
	HF-R Es 214-35 TL5	913700661766	2	Dim (3)
	HF-R DALI 214 TL5 220-240	913700131366	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700670966	2	*
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	
	HF-R 214-35 TL5 EII	913700619566	2	Dim
	HF-S 214-28 TL5 II	913713043066	2	
	EB-C 314 TL5	913713196766	3	
	HF-E 3/414 TL5 II	913713041366	3	**
	HF-S 3/414 TL5 II	913713033066	3	*
	HF-R 3/414 TL5 220-240	913700142366	3	* (1)
	HF-R TD 314 TL5 EII	913700629166	3	Dim (3)
	HF-Ri TD 3 14/24 TL5 E+	913700679066	3	Dim (3)
	HF-P 3/414 TL5 III IDC	913713033966	3	**
	HF-R 314 TL5 EII	913700629466	3	Dim (3)
	HF-P 3/4 14 TL5 EII 220-240	913700601366	3	
	EB-Ci 1-2 14-28W	913713043266	3x14	
	HF-E 3/414 TL5 II	913713041366	4	*
	HF-S 3/414 TL5 II	913713033066	4x14	*
	HF-R 3/414 TL5 220-240	913700142366	4	** (1)
	HF-P 3/414 TL5 III IDC	913713033966	4	*
	HF-R 414 TL5 EII	913700614466	4	Dim (3)
	HF-P 3/4 14 TL5 EII 220-240	913700601366	4	*
	HF-Ri TD 4 14/24 TL5 E+	913700679166	4	* / Dim (1)
	HF-Pi 3/4 14/24 TL5/PLL EII	913700657666	3	*
	HF-Pi 3/4 14/24 TL5/PLL EII	913700657666	4	*
	HF-P 414 TL5 220-240	913700156266	4	*
OSRAM	QT-FIT5 3x14, 4x14		3	
	QTP5 3x14, 4x14		3	
	EZ-T5 3x14/220		3	
	QT-FIT5 3x14, 4x14		4	
	QTP5 3x14, 4x14		4	
	QT-FIT5 1x14-35		1	
	QTP5 1x14-35		1	
	QT-FIT5 2x14-35		2	
	QTP5 2x14-35		2	
	QTi 1x14/24/21/39 GII		1	**
	Qti DALI 2x14/24 Dim		2	
	QTi 2x14/24/21/39 GII		2	**
	QTi DALI 3x14/24 Dim		3	** / Dim (4)
	QTi 3x14/24 Dim		3	** / Dim (4)
	QTi 4x14/24 Dim		4	
	QTi DALI 4x14/24 Dim		4	

(1) Do not use in closed luminaires
(2) Audible noise might be detected when used in silent applications
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HE - 600 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no	Lamps on ballast	MAS LEDtube HF 600mm HE 7W 8xx T5 Model number / (**Short**) EOC code: 9290037951 / 8720169**30966100** 9290037952 / 8720169**30968500** 9290037953 / 8720169**30970800** **AC (50 Hz) on HF Ballast Compatible**
HELVAR	EL3/4x14ngn5			*
	EL3/4x14ngn5			*
	EL1x14-35ngn5			*
	EL2x14-35ngn5			
	EL2x14-35iDim			
	EL2x14-35s			
TRIDONIC ATCO	PC 1x14 T5 TEC lp	87500211	1	
	PCA 2x14 T5 BASIC lp	22185077	2	
	PC 3/4x14 T5 TOP lp	22185220	3	
	PC 3/4x14 T5 PRO lp	22185211	3	
	PC 4x14 T5 TEC lp	87500214	4	**
	PC 3/4x14 T5 TOP lp	22185220	4	
	PC 3/4x14 T5 PRO lp	22185211	4	
	PC 1x14-35 T5 TOP lp	22185157	1	
	PC 1x14-35 T5 PRO lp	22185147	1	
	PC 1x14-21W BASIC sl	22176001	1	
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 2x14-28 T5 TOP lp	22185158	2	
	PC 2x14-35 T5 PRO lp	22185148	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	
	PC 2/14-21/24/39 T5 PRO-M lp	22176185	2	
	PCA 2x14/24 T5 ECO lp	22185095	2	
	PCA 2x14/24 T5 EXCEL one4all lp	22185104	2	
	PCA 3x14/24 T5 EXCEL one4all lp	22176209	3	
	PCA 3x14/24 T5 ECO lp	22176211	3	
	PCA 3x14/24 T5 EXCITE lp	28000307	3	
	PCA 4x14/24 T5 EXCEL one4all lp	22176210	4	
	PCA 4x14/24 T5 ECO lp	22176212	4	
	PCA 4x14/24 T5 EXCITE lp	28000308	4	
VOSSLOH-SCHWABE	ELXc 114.238	183122	1	
	ELXc 214.240	183124	2	**
	ELXc 414.227	183109	3	
	ELXc 414.868	188438	3	
	ELXc 414.227	183109	4	
	ELXc 414.242	183126	4	
	ELXc 414.868	188438	4	
	ELXc 135.220	188921	1	
	ELXc 228.229	183111	1	
	ELXc 228.229	183111	2	
	ELXc 135.231	183113	1	
	ELXd 135.823	188717	1	
	ELXc 228.229	183111	2	
	ELXc 235.857	188094	2	*
	ELXc 235.221	188922	2	
	ELXd 235.735	183059	2	
	ELXc 139.632	188945	1	
	ELXd 124.600	188329	1	Dim
	ELXd 124.607	188336	1	
	ELXc 239.635	188948	2	**
	ELXd 224.601	188330	2	Dim (3)
	ELXd 224.608	188337	2	Dim (3)
	ELXd 324.623	188597	3	** / Dim (3)
	ELXd 324.626	188597	3	** / Dim (3)
	ELXd 424.624	188598	4	
	ELXd 424.628	188598	4	

(1) Do not use in closed luminaires
(2) Audible noise might be detected when used in silent applications
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HE - 600 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no	Lamps on ballast	MAS LEDtube HF 600mm HE 7W 8xx T5 Model number / (**Short**) EOC code: 9290037951 / 8720169**30966100** 9290037952 / 8720169**30968500** 9290037953 / 8720169**30970800** **AC (50 Hz) on HF Ballast Compatible**
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	
	BCS35.2FX-11/220-240	10077580	2	
	MLS54.2F-01/220-240	166412	2	*
	MLD39.1FR-11/220-240/DALI	10097811	1	
	MLS39.1-2FR-11/220-240	10092026	1	
	MLD39.2FR-11/220-240/DALI	10092117	2	
	MLD14/24.3FR-04/220-240/DALI	10105150	3	Dim (3)
	MLS14/24.3-4FR-11/220-240	10095345	3	
	MLS14/24.3-4FR-11/220-240	10095345	4	
	MLS80.1F-01/220-240		1	**
	D35.1-23051E		1	*
	SCS35.1F-01/220-240		1	
	SCS14.3-4F-01/220-240		3	
	SCS14.3-4F-01/220-240		4	
	D14.3-23051E		1	
TCL	BTL-414	87500211	3	*
	BTL-414	22185077	4	*
Arlen EFA	BE - 214-35 - T5	22185211	2	
Others	LYZ-1X14WT5-240		1	**
Others	Direct mains	22185147		

(1) Do not use in closed luminaires
(2) Audible noise might be detected when used in silent applications
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF InstantFit HE T5

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

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

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

MASTER LEDtube HF T5 HE - 900 mm

Ballast compatibility

Key

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 900mm HE 11.5W 8xx T5 Model number / (**Short**) EOC code: 9290035968 / 8720169**16319500** 9290035969 / 8720169**16321800** 9290035970 / 8720169**16323200** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-MATCHBOX BLUE 121 LH TL5	913700418366	1	** / (1)
	HF-E 121 TL5 II	913713041666	1	**
	EB-Ci 1-2 14-28W	913713043266	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	913713031066	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	913713031066	1	
	HF-R Es 114-35 TL5	913700661666	1	Dim (4)
	HF-R 121 TL5 220-240	913700128866	1	**
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700670866	1	Dim (3)
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700698366	1	Dim (3)
	HF-R 114-35 TL5 EII	913700619866	1	
	HF-S 114-35 TL5 II	913713042966	1	
	HF-S 1 14-35 TL5 HE II	913713042066	1	
	HF-P 1 14-35 TL5 HE EII 220-240	913700612966	1	*
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	EB-Ci 1-2 14-28W	913713043266	2	
	HF-P 2 14-35 TL5 HE III IDC	913713031166	2	
	HF-S 2 14-35 TL5 HE II	913713042166	2	
	HF-R Es 214-35 TL5	913700661766	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	*
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700670966	2	Dim (1) (3)
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	Dim (4)
	HF-R 214-35 TL5 EII	913700619566	2	Dim (3)
	HF-S 214-28 TL5 II	913713043066	2	
	HF-S 3/414 TL5 II	913713033066	3	*
	HF-Pi I 14/21/24/39 TL5 EII 220-240	913700624066	1	
	HF-S 114-21 TL5 II	913713032866	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	Dim
OSRAM	EZ-T5 1x21/220		1	
	EZP5 1x21/220-230		1	**
	QT-FIT5 1x14-35		1	*
	QTP5 1x14-35		1	
	QT-FIT5 2x14-35		2	*
	QTP5 2x14-35		2	*
	QTi 1x21/39 Dim		1	** / Dim (3)
	QTi DALI 1x21/39 Dim		1	**
	QTi 2x21/39 Dim		2	**
	QTi DALI 2x21/39 Dim		2	**
	Qti 2x28/54		2	
	QTi 1x14/24/21/39 GII		1	
	QTi 2x14/24/21/39 GII		2	*
HELVAR	EL1x14-35ngn5		1	
	EL2x14-35ngn5		2	
	EL2x14-35iDim		2	
	EL2x14-35s		2	*
TRIDONIC ATCO	PC 1x21 T5 TEC lp	87500217	1	
	PC 1x14-35 T5 TOP lp	22185157	1	
	PC 1x14-35 T5 PRO lp	22185147	1	
	PC 1x14-21W BASIC sl	22176001	1	
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 2x14-28 T5 TOP lp	22185158	2	
	PC 2x14-35 T5 PRO lp	22185148	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	
	PCA 1x21/39 T5 ECO IP	22185101	1	**
	PCA 1x21/39 T5 EXCEL one4all lp	22185110	1	**
	PC 2/14-21/24/39 T5 PRO-M lp	22176185	2	*
	PCA 2x21/39 T5 ECO IP	22185102	2	
	PCA 2x21/39 T5 EXCEL one4all lp	22185111	2	

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

MASTER LEDtube HF T5 HE - 900 mm

Ballast compatibility

Key

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

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 900mm HE 11.5W 8xx T5 Model number / (**Short**) EOC code: 9290035968 / 8720169**16319500** 9290035969 / 8720169**16321800** 9290035970 / 8720169**16323200** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 135.220	188921	1	
	ELXc 228.229	183111	1	
	ELXc 228.229	183111	2	
	ELXc 135.231	183113	1	*
	ELXc 135.856	188093	1	
	ELXd 135.724	188932	1	
	ELXd 135.823	188717	1	*
	ELXc 235.857	188094	2	
	ELXc 235.221	188922	2	*
	ELXd 235.725	188933	2	*
	ELXd 235.735	183059	2	*
	ELXc 139.632	188945	1	*
	ELXd 139.609	188338	1	**
	ELXd 139.602	188331	1	* / Dim (4)
	ELXc 239.635	188948	2	
	ELXd 239.610	188339	2	**
	ELXd 239.621	188350	2	**
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1	*
	BCD35.1F-01/220-240/1-10V	10097244	1	*
	BCS35.2FX-11/220-240	10077580	2	
	MLS54.2F-01/220-240	166412	2	*
	MLD39.1FR-11/220-240/DALI	10097811	1	**
	MLS39.1-2FR-11/220-240	10092026	1	*
	MLS39.1-2FR-11/220-240	10092026	2	*
	MLD39.2FR-11/220-240/DALI	10092117	2	
TCI	BTL 414	137999/414L	3	
ELT	BE - 214-35 - T5		2	*
Others	Direct mains			

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

MASTER LEDtube HF InstantFit HE T5

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

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

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

MASTER LEDtube HF T5 HE - 1200 mm

Ballast compatibility

Key

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HE 16.5W 8xx T5 Model number / (**Short**) EOC code: 9290013910B / 8718696**74329400** 9290013911B / 8718696**74331700** 9290013912B / 8718696**74333100** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 128 TL5 220-240	913700136666	1	
	EB-C 128 TL5 II	913713040466	1	**
	EB-C 228 TL5 II	913713040666	2	**
	HF-S 128-35 TL5 II	913713033266	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	Dim (2) (3)
	HF-Pi 1 28/35/49/80 TL5 EII	913700652566	1	
	EB-C 128 TL5	913713196466	1	**
	EB-Ci 1-2 14-28W	913713043266	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	913713031066	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	913713031066	1	
	HF-R 114-35 TL5 EII	913700619866	1	Dim (2) (3)
	BLUE 128 LH TL5	913700419966	1	**
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	913700652566	1	
	HF-S 114-35 TL5 II	913713042966	1	*
	HF-S 1 14-35 TL5 HE II	913713042066	1	
	HF-P 1 14-35 TL5 HE EII 220-240	913700612966	1	
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	
	EB-C 128 TL5 II	913713040466	2	**
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	**
	HF-Pi 2 28/35/49/80 TL5 EII	913700652666	2	*
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	* / Dim (2) (3)
	EB-C 228 TL5	913713197166	2	
	EB-Ci 1-2 14-28W	913713043266	2	
	HF-P 2 14-35 TL5 HE III IDC	913713031166	2	
	HF-S 2 14-35 TL5 HE II	913713042166	2	
	HF-R Es 214-35 TL5	913700661766	2	Dim
	HF-R T 228 TL5 220-240	913700186366	2	**
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	913700652666	2	**
	HF-R 214-35 TL5 EII	913700619566	2	* / Dim (3)
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	Dim (2) (3)
	HF-S 214-28 TL5 II	913713043066	2	*
	HF-R Es 114-35 TL5	913700661666	1	Dim
	HF-S 114-21 TL5 II	913713032866	1	
OSRAM	EZP5 2x28/220-230		2	**
	QT-FIT5 1x14-35		1	*
	QTP5 1x14-35		1	*
	QT-FIT5 2x14-35		2	
	QTP5 2x14-35		2	
	Qti 1x28/54/35/49 GII		1	
	Qti 1x28/54 Dim		1	** / (1)
	Qti DALI 1x28/54 Dim		1	** / (1)
	Qti 2x28/54/35/49 GII		2	*
	Qti 2x28/54 Dim		2	** / (1)
	Qti DALI 2x28/54 Dim		2	** / (1)
	Qti 2x28/54		2	
HELVAR	EL1x14-35ngn5		1	
	EL2x14-35ngn5		2	
	EL2x14-35iDim		2	
	EL2x14-35s		2	*

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

MASTER LEDtube HF T5 HE - 1200 mm

Ballast compatibility

Key

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

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1200mm HE 16.5W 8xx T5 Model number / (**Short**) EOC code: 9290013910B / 8718696**74329400** 9290013911B / 8718696**74331700** 9290013912B / 8718696**74333100** **AC (50 Hz) on HF Ballast Compatible**
TRIDONIC ATCO	PCA 1x28 T5 BASIC lp	22185086	1	
	PCA 2x28 T5 BASIC lp	22185087	2	
	PC 1x14-35 T5 TOP lp	22185157	1	
	PC 1x14-35 T5 PRO lp	22185147	1	
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 2x14-28 T5 TOP lp	22185158	2	
	PC 2x14-35 T5 PRO lp	22185148	2	
	PCA 1x28/54 T5 ECO lp	22185099	1	
	PCA 1x28/54 T5 EXCEL one4all lp	22185108	1	
	PCA 2x28/54 T5 ECO lp	22185100	2	
	PCA 2x28/54 T5 EXCEL one4all lp	22185109	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	*
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	
	PC 1X28/54 T5 EXCEL one4all lp	22176174	1	*
VOSSLOH-SCHWABE	ELXc 328.230	183112	3	
	ELXc 135.220	188921	1	
	ELXc 228.229	183111	1	
	ELXc 228.229	183111	2	*
	ELXc 135.231	183113	1	*
	ELXc 135.856	188093	1	
	ELXd 135.724	188932	1	
	ELXd 135.823	188717	1	*
	ELXc 235.857	188094	2	
	ELXc 235.221	188922	2	*
	ELXd 235.725	188933	2	
	ELXd 235.735	183059	2	
	ELXc 154.633	188946	1	
	ELXd 154.611	188340	1	** (1)
	ELXd 154.603	188332	1	
	ELXc 254.636	188949	2	
	ELXd 254.612	188341	2	** (1)
	ELXd 254.604z	188333	2	** / Dim (1) (3)
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1	*
	BCD35.1F-01/220-240/1-10V	10097244	1	
	BCS35.2FX-11/220-240	10077580	2	
	MLS54.2F-01/220-240	166412	2	
	MLD54.2FR-11/220-240/DALI	10092121	2	Dim (3)
	MLD54.1FR-11/220-240/DALI	10097815	1	**
	MLS80.1/54.2FR-11/220-240	10071609	1	
	MLS80.1/54.2FR-11/220-240	10071609	2	
	MLS80.1FR-11/220-240	10071608	1	
ELT	BE - 214-35 - T5 2		2	*
GELEC	CDZ128LY10		1	*
Others	Direct mains			

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

MASTER LEDtube HF InstantFit HE T5

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

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

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

MASTER LEDtube HF T5 HE - 1500 mm

Ballast compatibility

Key

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

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HE 20W 8xx T5 Model number / (**Short**) EOC code: 9290013913B / 871869**74335500** 9290013914B / 871869**74337900** 9290013915B / 871869**74339300** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-S 128-35 TL5 II	913713033266	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	*
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	Dim (2) (3)
	HF-Ri TD 1 35/49/80 TL5 E+	913700695766	1	Dim
	HF-Pi 1 28/35/49/80 TL5 EII	913700652566	1	*
	HF-P 1 14-35 TL5 HE III IDC 4CIC	913713031066	1	*
	HF-P 1 14-35 TL5 HE III IDC C2E	913713031066	1	*
	HF-R Es 114-35 TL5	913700661666	1	* / Dim
	HF-R 114-35 TL5 EII	913700619866	1	* / Dim (2) (3)
	HF-P 135 TL5 220-240	913700136766	1	
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	913700652566	1	*
	HF-S 114-35 TL5 II	913713042966	1	*
	HF-S 1 14-35 TL5 HE II	913713042066	1	*
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	Dim
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/80 TL5 EII	913700652666	2	**
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	Dim (2) (3)
	HF-P 2 14-35 TL5 HE III IDC	913713031166	2	*
	HF-S 2 14-35 TL5 HE II	913713042166	2	*
	HF-R Es 214-35 TL5	913700661766	2	Dim
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	913700652666	2	*
	HF-R 214-35 TL5 EII	913700619566	2	Dim (3)
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	Dim (2) (3)
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700670966	2	Dim (2) (3)
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700670866	1	Dim (2) (3)
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700698366	1	Dim (4)
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	Dim (2) (3)
	HF-P 135 TL5 220-240	913700172666	1	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	**
	HF-R 135 TL5 220-240	913700118066	1	*/Dim(3)
OSRAM	QT-FIT5 1x14-35		1	**
	QTP5 1x14-35		1	*
	QT-FIT5 2x14-35		2	
	QTP5 2x14-35		2	
	Qti 1x35/49/80 GII		1	
	Qti 1x35/49/80		1	
	Qti 1x28/54/35/49 GII		1	
	Qti 1x35/49/80 Dim		1	*
	Qti DALI 1x35/49/80 Dim		1	*
	Qti 2x35/49/80 GII		2	
	Qti 2x28/54/35/49 GII		2	
	Qti 2x35/49 Dim		2	*
	Qti DALI 2x35/49 Dim		2	*
	Qti 2x35/49/80 Dim		2	Dim (3)
	Qti DALI 2x35/49/80 Dim		2	
	Qti 2x28/54		2	
HELVAR	EL1x14-35ngn5		1	*
	EL2x14-35ngn5		2	
	EL2x14-35iDim		2	
	EL2x14-35s		2	
TRIDONIC ATCO	PCA 1x35 T5 BASIC lp	22185080	1	
	PC 2x35 T5 TOP lp (28000047)	28000047	2	*
	PC 2x35 T5 TOP lp (87500292)	87500292	2	*
	PCA 2x35 T5 BASIC lp	22185081	2	
	PC 2/35 T5 INDUSTRY	86459172	2	
	PC 1x14-35 T5 TOP lp	22185157	1	*
	PC 1X14-35 T5 PRO lp	22185147	1	*
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 2x14-35 T5 PRO lp	22185148	2	
	PCA 1x35/49/80 T5 ECO lp	22185096	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22176172	1	
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
	PCA 2x35/49 T5 ECO lp	22185097	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	*
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	

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

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MASTER LEDtube HF T5 HE - 1500 mm

Ballast compatibility

Key

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

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	MAS LEDtube HF 1500mm HE 20W 8xx T5 Model number / (**Short**) EOC code: 9290013913B / 8718696**74335500** 9290013914B / 8718696**74337900** 9290013915B / 8718696**74339300** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 235.232	183114	2	*
	ELXc 135.220	188921	1	
	ELXc 135.231	183113	1	*
	ELXc 135.856	188093	1	
	ELXd 135.724	188932	1	
	ELXd 135.823	188717	1	
	ELXc 235.857	188094	2	*
	ELXc 235.221	188922	2	*
	ELXd 235.725	188933	2	*
	ELXd 235.735	183059	2	*
	ELXc 154.633	188946	1	
	ELXc 180.634	188947	1	
	ELXd 180.613	188342	1	*
	ELXd 180.605	188334	1	*
	ELXc 254.636	188949	2	
	ELXd 249.614	188343	2	** / Dim (1)
	ELXc 280.637	188950	2	
	ELXd 249.606	188335	2	* / (1)
	ELXd 280.630	188604	2	* / (1)
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1	**
	BCD35.1F-01/220-240/1-10V	10097244	1	
	BCS35.2FX-11/220-240	10077580	2	*
	BCD35.2F-01/220-240/1-10V	10097294	2	
	MLD54.1FR-11/220-240/DALI	10097815	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	
	MLD54.2FR-11/220-240/DALI	10092121	2	Dim (3)
	MLD80.2FR-11/220-240/DALI	10101905	2	
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240	10071609	2	
Arlen EFA	BE - 214-35 - T5			*
Others	Direct mains			

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

MASTER LEDtube HF InstantFit HE T5

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

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

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

CorePro LEDtube HF T5 HO - 1200 mm

Ballast compatibility

Key

	Ballast is compatible.
*	Ballast is compatible. Light output may differ >10% compared to specifications.
**	Ballast is compatible. Light output may differ >20% compared to specifications.
	Ballast is not compatible.

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 1200mm HO 26.7W 8xx T5 Model number / (**Short**) EOC code: 9290037750 / 8720169**29558200** 9290037751 / 8720169**29560500** 9290037752 / 8720169**29562900** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 154/155 TL5 HO/PL-L III IDC 4CIC	913713028266	1	*
	HF-P 154/155 TL5 HO/PL-L III IDC C2E	913713028266	1	*
	HF-R 154 TL5 220-240	913700129166	1	**
	HF-R 154 TL5 220-240	913700608866	1	
	HF-E 1/2 54 TL5 II	913713040866	1	*
	HF-R TD 154 TL5 EII 220-240	913700606466	1	
	HF-P 154 TL5 HO EII 220-240	913700613366	1	
	HF-S 154 TL5 II 4CIC	913713033666	1	
	HF-S 154 TL5 II C2E	913713033666	1	
	HF-R Es 154 TL5	913700661866	1	
	HF-S 154 TL5 II C2E	913713033666	1	
	HF-R Es 154 TL5	913700661866	1	
	HF-R DALI 154 TL5 220-240	913700133566	1	**
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	**
	HF-S 254 TL5 II 4CIC	913713033766	2	*
	HF-S 254 TL5 II C2E	913713033766	2	*
	HF-E 1/2 54 TL5 II	913713040866	2	*
	HF-R Es 254 TL5	913700661966	2	
	HF-P Xt 254 TL5 EII 220-240	913700630066	2	**
	HF-P 254/255 TL5 HO/PL-L III IDC 4CIC	913713028366	2	
	HF-P 254/255 TL5 HO/PL-L III IDC C2E	913713028366	2	
	HF-R 254 TL5 EII	913700608966	2	
	HF-R TD 254 TL5 EII	913700606566	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	
OSRAM	QTP-OPTIMAL 1x54-58		1	
	QT-FIT 5/8 1x54-58		1	
	QTP5 1x54		1	
	QTP-OPTIMAL 2x54-58		2	
	QT-FIT 5/8 2x54-58		2	*
	QTP5 2x54		2	
	QT-FQ 2x54/230-240 DIM		2	
	Qti 1x28/54/35/49 GII		1	*
	Qti 1x28/54 DIM		1	
	Qti DALI 1x28/54 DIM		1	
	Qti 2x28/54/35/49 GII		2	*
	Qti 2x28/54 DIM		2	
	Qti DALI 2x28/54 DIM		2	
	Qti 2x28/54		2	
HELVAR	EL1x54ngn5		1	**
	EL1x54s		1	
	EL1x54iDim		1	
	EL1x54sc		1	**
	EL2x54ngn5		2	
	EL2x54iDim		2	
	EL2x54sc		2	
TRIDONIC ATCO	PC 1x54 T5 PRO lp	22185155	1	
	PC 1x54 T5 TOP lp	22185165	1	*
	PC 1/54 T5 INDUSTRY	89800458	1	
	PCA 1x54 T5 BASIC lp	22185088	1	
	PC 2x54 T5 PRO lp	22185156	2	
	PC 2x54 T5 TOP lp	22185166	2	
	PC 2/54 T5 INDUSTRY	89800459	1	
	PCA 2x54 T5 BASIC lp	22185089	2	
	PCA 1x28/54 T5 ECO lp	22185099	1	
	PCA 1x28/54 T5 EXCEL one4all lp	22185108	1	
	PCA 2x28/54 T5 ECO lp	22185100	2	
	PCA 2x28/54 T5 EXCEL one4all lp	22185109	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	

CorePro LEDtube HF T5 HO - 1200 mm

Ballast compatibility

Key

	Ballast is compatible.
*	Ballast is compatible. Light output may differ >10% compared to specifications.
**	Ballast is compatible. Light output may differ >20% compared to specifications.
	Ballast is not compatible.

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 1200mm HO 26.7W 8xx T5 Model number / (**Short**) EOC code: 9290037750 / 8720169**29558200** 9290037751 / 8720169**29560500** 9290037752 / 8720169**29562900** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 254.865	188618	2	
	ELXc 154.633	188946	1	*
	ELXd 154.611	188340	1	
	ELXc 254.636	188949	2	*
	ELXd 254.612	188341	2	
	ELXd 254.604	188333	2	
BAG-HUECO	BCS54.1FX-11/220-240	10077585	1	
	BCS54.1FR-01/220-240	10075881	1	
	BCS54.2FX-11/220-240	10077586	2	
	BCD54.2F-01/220-240/1-10V	10097298	2	
	MLD54.1FR-11/220-240/DALI	10097815	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	
	MLD54.2FR-11/220-240/DALI	10092121	2	**
	MLS54.2F-01/220-240	166412	2	*
	MLS80.1/54.2FR-11/220-240	10071609	2	
	MLS80.1F-01/220-240	166312	1	
TCI	BTLT 254	137999/54	2	
Arlen EFA	HFL 254-58M		2	
Others	Direct mains			

CorePro LEDtube HF T5 HO - 1200mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.

Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.

Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

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CorePro LEDtube HF T5 HO - 1500 mm

Ballast compatibility

Key

	Ballast is compatible.
*	Ballast is compatible. Light output may differ >10% compared to specifications.
**	Ballast is compatible. Light output may differ >20% compared to specifications.
	Ballast is not compatible.

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 1500mm HO 26.7W 8xx T5 Model number / (**Short**) EOC code: 9290037753 / 8720169**29564300** 9290037754 / 8720169**29566700** 9290037755 / 8720169**29568100** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 1 49 TL5 HO 220-240	913700166066	1	*
	HF-P 149 TL5 HO EII 220-240	913700613266	1	
	HF-P 149 TL5 HO III IDC C2E	913713028066	1	
	HF-P 149 TL5 HO III IDC 4CIC	913713028066	1	*
	HF-S 149 TL5 II 4CIC	913713033466	1	**
	HF-S 149 TL5 II C2E	913713033466	1	*
	HF-E 1/2 49 TL5 II	913713040766	1	
	HF-P 149 TL5 220-240	913700117766	1	
	HF-R 149 TL5 220-240	913700118166	1	**
	HF-R TD 149 TL5 EII 220-240	913700606266	1	**
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	
	HF-Ri TD 1 35/49/80 TL5 E+	913700695766	1	
	HF-Ri TD 1 35/49/80 TL5 E+	913700695766	1	
	HF-R Es 149 TL5	913700662066	1	*
	HF-P Xt 149 TL5 EII 220-240	913700629766	1	
	HF-Pi 1 28/35/49/80 TL5 EII	913700652566	1	**
	HF-R 149 TL5 EII	913700608666	1	**
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	913700652566	1	
	HF-R 149 TL5 EII 220-240	913700608666	1	*
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	
	HF-P 249 TL5 220-240	913700124066	2	
	HF-P 249 TL5 HO III IDC 4CIC	913713028166	2	
	HF-P 249 TL5 HO III IDC C2E	913713028166	2	*
	HF-E 1/2 49 TL5 II	913713040766	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/80 TL5 EII	913700652666	2	**
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	
	HF-S 249 TL5 II 4CIC	913713033566	2	
	HF-S 249 TL5 II C2E	913713033566	2	
	HF-R Es 249 TL5	913700662166	2	*(1)
	HF-P Xt 249 TL5 EII 220-240	913700629866	2	
	HF-P 249 TL5 220-240	913700132466	2	
	HF-R 249 TL5 EII	913700608766	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	913700652666	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	
OSRAM	QT-FQ 1X49/230-240 CW	A45625D00DG	1	
	QTP5 1x49 (SHORTER VERSION)	A63946E01DG	1	
	QT-FIT5 1X49	AA7471701DG	1	
	QTP5 2X49	AA4002200DG	2	*
	QT-FIT5 2X49	AA4068801DG	2	**
	QTP5 1x49(longerVERSION)		1	
	Qti 1x35/49/80 GII	AA3529702OL	1	
	Qti 1x35/49/80		1	
	Qti 1x28/54/35/49 GII	AA3529600DG	1	
	Qti 1x35/49/80 DIM		1	** (2)
	Qti DALI 1x35/49/80 DIM		1	**
	Qti 2x35/49/80 GII	A74908402DG	2	**
	Qti 2x28/54/35/49 GII	AA3529900DG	2	**
	Qti 2x35/49 DIM		2	**
	Qti DALI 2x35/49 DIM		2	
	Qti 2x35/49/80 DIM		2	**
	Qti DALI 2x35/49/80 DIM	AA3864303OL	2	**
HELVAR	EL1x49s-u		1	**
	EL1x49s		1	**
	EL1X49ngn5		1	**
	EL1x49sc		1	
	EL2x49s		2	
	EL2X49ngn5		2	

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

CorePro LEDtube HF T5 HO - 1500 mm

Ballast compatibility

Key

	Ballast is compatible.
*	Ballast is compatible. Light output may differ >10% compared to specifications.
**	Ballast is compatible. Light output may differ >20% compared to specifications.
	Ballast is not compatible.

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 1500mm HO 26.7W 8xx T5 Model number / (**Short**) EOC code: 9290037753 / 8720169**29564300** 9290037754 / 8720169**29566700** 9290037755 / 8720169**29568100** **AC (50 Hz) on HF Ballast Compatible**
TRIDONIC ATCO	PC 1/49 T5 PRO lp	22087917	1	**
	PC 1x49 T5 PRO lp	22185153	1	
	PC 1/49 T5 INDUSTRY	89800456	1	**
	PC 1x49 T5 TOP lp	22185163	1	
	PCA 1x49 T5 BASIC lp	22185082	1	**
	PC 2/49 T5 PRO lp	22087646	2	**
	PCA 2/49 T5 ECO lp	22089499	2	**
	PC 2x49 T5 PRO lp	22185154	2	
	PC 2/49 T5 INDUSTRY	89800457	2	**
	PC 2x49 T5 TOP lp	22185164	2	
	PCA 2x49 T5 BASIC lp	22185083	2	
	PCA 1x35/49/80 T5 ECO lp	22185096	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22176172	1	
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
	PCA 2x35/49 T5 ECO lp	22185097	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	
VOSSLOH-SCHWABE	ELXc 149.234	183116	1	*
	ELXc 249.235	183117	2	
	ELXc 154.633	188946	1	
	ELXc 180.634	188947	1	**
	ELXd 180.605	188334	1	**
	ELXc 254.636	188949	2	
	ELXd 249.614	188343	2	**
	ELXc 280.637	188950	2	**
	ELXd 249.606	188335	2	
	ELXd 280.630	188604	2	**
BAG-HUECO	BCS49.1FX-11/220-240	10077583	1	
	BCD49.1F-01/220-240	10097247	1	**
	SCS49.1F-01/220-240	166512	1	*
	BCS49.2FX-11/220-240	10077584	2	**
	BCD49.2F-01/220-240	10097297	2	**
	MLD54.1FR-11/220-240/DALI	10097815	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	
	MLD54.2FR-11/220-240/DALI	10092121	2	**
	MLD80.2FR-11/220-240/DALI	10101905	2	
	MLS54.2F-01/220-240	166412	2	
	MLS80.1/54.2FR-11/220-240	10071609	2	
	MLS80.1F-01/220-240	166312	1	
Arlen EFA	BTLT 149	137998/149	1	*
	BTLT 249	137999/49	2	
Others	Direct mains			

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

CorePro LEDtube HF T5 HO - 1500mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.

Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.

Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

CorePro LEDtube HF T5 HE - 600 mm

Ballast compatibility

Key

	Ballast is compatible.
*	Ballast is compatible. Light output may differ >10% compared to specifications.
**	Ballast is compatible. Light output may differ >20% compared to specifications.
	Ballast is not compatible.

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 600mm HE 7.1W 8xx T5 Model number / (**Short**) EOC code: 9290037741 / 8720169**29540700** 9290037742 / 8720169**29542100** 9290037743 / 8720169**29544500** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	BLUE 114 LH TL/PLS/PLC	913700421766	1	**
	EB-C 114 TL5	913713196266	1	
	EB-Ci 1-2 14-28W	913713043266	1	**
	HF-E 114 TL5 II	913713041466	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	913713031066	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	913713031066	1	
	HF-R 114 TL5 220-240	913700128766	1	**
	HF-R Es 114-35 TL5	913700661666	1	**
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700670866	1	
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700698366	1	
	HF-R 114-35 TL5 EII	913700619866	1	
	HF-S 114-35 TL5 II	913713042966	1	*
	HF-S 1 14-35 TL5 HE II	913713042066	1	*
	HF-P 1 14-35 TL5 HE EII 220-240	913700612966	1	
	EB-C 128 TL5 II	913713040466	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	EB-C 214 TL5	913713196966	2	
	EB-Ci 1-2 14-28W	913713043266	2	**
	HF-E 214 TL5 II	913713041566	2	
	HF-P 2 14-35 TL5 HE III IDC	913713031166	2	
	HF-S 2 14-35 TL5 HE II	913713042166	2	
	HF-R Es 214-35 TL5	913700661766	2	*
	HF-R DALI 214 TL5 220-240	913700131366	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	*
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700670966	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	
	HF-R 214-35 TL5 EII	913700619566	2	*
	HF-S 214-28 TL5 II	913713043066	2	*
	EB-C 314 TL5	913713196766	3	
	HF-E 3/414 TL5 II	913713041366	3	
	HF-S 3/414 TL5 II	913713033066	3	
	HF-R 3/414 TL5 220-240	913700142366	3	**(1)
	HF-R TD 314 TL5 EII	913700629166	3	**
	HF-Ri TD 3 14/24 TL5 E+	913700679066	3	
	HF-P 3/414 TL5 III IDC	913713033966	3	
	HF-R 314 TL5 EII	913700629466	3	
	HF-P 3/4 14 TL5 EII 220-240	913700601366	3	**
	EB-Ci 1-2 14-28W	913713043266	3x14	**
	HF-E 3/414 TL5 II	913713041366	4	
	HF-S 3/414 TL5 II	913713033066	4x14	
	HF-R 3/414 TL5 220-240	913700142366	4	**(1)
	HF-P 3/414 TL5 III IDC	913713033966	4	
	HF-R 414 TL5 EII	913700614466	4	
	HF-P 3/4 14 TL5 EII 220-240	913700601366	4	**
	HF-Ri TD 4 14/24 TL5 E+	913700679166	4	
	HF-Pi 3/4 14/24 TL5/PLL EII	913700657666	3	
	HF-Pi 3/4 14/24 TL5/PLL EII	913700657666	4	
	HF-P 414 TL5 220-240	913700156266	4	
OSRAM	QT-FIT5 3x14, 4x14		3	
	QTP5 3x14, 4x14		3	
	EZ-T5 3x14/220		3	
	QT-FIT5 3x14, 4x14		4	*
	QTP5 3x14, 4x14		4	
	QT-FIT5 1x14-35		1	*
	QTP5 1x14-35		1	*
	QT-FIT5 2x14-35		2	*
	QTP5 2x14-35		2	
	Qti 2x28/54		2	
	QTi 1x14/24/21/39 GII		1	
	Qti DALI 2x14/24 DIM		2	
	QTi 2x14/24/21/39 GII		2	**
	QTi DALI 3x14/24 DIM		3	**
	QTi 3x14/24 DIM		3	*
	QTi 4x14/24 DIM		4	
	QTi DALI 4x14/24 DIM		4	

(1) Do not use in closed luminaires

CorePro LEDtube HF T5 HE - 600 mm

Ballast compatibility

Key

	Ballast is compatible.
*	Ballast is compatible. Light output may differ >10% compared to specifications.
**	Ballast is compatible. Light output may differ >20% compared to specifications.
	Ballast is not compatible.

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 600mm HE 7.1W 8xx T5 Model number / (**Short**) EOC code: 9290037741 / 8720169**29540700** 9290037742 / 8720169**29542100** 9290037743 / 8720169**29544500** **AC (50 Hz) on HF Ballast Compatible**
HELVAR	EL3/4x14ngn5		3	*
	EL3/4x14ngn5		4	*
	EL1x14-35ngn5		1	*
	EL2x14-35ngn5		2	
	EL2x14-35iDim		2	
	EL2x14-35s		2	
TRIDONIC ATCO	PC 1x14 T5 TEC lp	87500211	1	
	PCA 2x14 T5 BASIC lp	22185077	2	
	PC 3/4x14 T5 TOP lp	22185220	3	
	PC 3/4x14 T5 PRO lp	22185211	3	
	PC 4x14 T5 TEC lp	87500214	4	
	PC 3/4x14 T5 TOP lp	22185220	4	**
	PC 3/4x14 T5 PRO lp	22185211	4	*
	PC 1x14-35 T5 TOP lp	22185157	1	
	PC 1x14-35 T5 PRO lp	22185147	1	
	PC 1x14-21W BASIC sl	22176001	1	**
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	**
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 2x14-28 T5 TOP lp	22185158	2	
	PC 2x14-35 T5 PRO lp	22185148	2	*
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	*
	PC 2/14-21/24/39 T5 PRO-M lp	22176185	2	*
	PCA 2x14/24 T5 ECO lp	22185095	2	
	PCA 2x14/24 T5 EXCEL one4all lp	22185104	2	
	PCA 3x14/24 T5 EXCEL one4all lp	22176209	3	
	PCA 3x14/24 T5 ECO lp	22176211	3	
	PCA 3x14/24 T5 EXCITE lp	28000307	3	
	PCA 4x14/24 T5 EXCEL one4all lp	22176210	4	
	PCA 4x14/24 T5 ECO lp	22176212	4	
	PCA 4x14/24 T5 EXCITE lp	28000308	4	
VOSSLOH-SCHWABE	ELXc 114.238	183122	1	
	ELXc 214.240	183124	2	
	ELXc 414.227	183109	3	**
	ELXc 414.868	188438	3	
	ELXc 414.227	183109	4	**
	ELXc 414.242	183126	4	
	ELXc 414.868	188438	4	
	ELXc 135.220	188921	1	**
	ELXc 228.229	183111	1	**
	ELXc 228.229	183111	2	*
	ELXc 135.231	183113	1	*
	ELXc 135.856	188093	1	**
	ELXc 228.229	183111	2	**
	ELXc 235.857	188094	2	**
	ELXc 235.221	188922	2	**
	ELXd 235.735	183059	2	*
	ELXc 139.632	188945	1	
	ELXd 124.600	188329	1	**
	ELXd 124.607	188336	1	**
	ELXc 239.635	188948	2	*
	ELXd 224.601	188330	2	**
	ELXd 224.608	188337	2	*
	ELXd 324.623	188597	3	
	ELXd 324.626	188597	3	*
	ELXd 424.624	188598	4	**
	ELXd 424.628	188598	4	**

(1) Do not use in closed luminaires

CorePro LEDtube HF T5 HE - 600 mm

Ballast compatibility

Key

	Ballast is compatible.
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**	Ballast is compatible. Light output may differ >20% compared to specifications.
	Ballast is not compatible.

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 600mm HE 7.1W 8xx T5
				Model number / (**Short**) EOC code: 9290037741 / 8720169**29540700** 9290037742 / 8720169**29542100** 9290037743 / 8720169**29544500**
				AC (50 Hz) on HF Ballast Compatible
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	
	BCS35.2FX-11/220-240	10077580	2	
	MLS54.2F-01/220-240	166412	2	
	MLD39.1FR-11/220-240/DALI	10097811	1	
	MLS39.1-2FR-11/220-240	10092026	1	
	MLS39.1-2FR-11/220-240	10092026	2	
	MLD39.2FR-11/220-240/DALI	10092117	2	
	MLD14/24.3FR-04/220-240/DALI	10105150	3	
	MLS14/24.3-4FR-11/220-240	10095345	3	**
	MLS14/24.3-4FR-11/220-240	10095345	4	
	MLS80.1F-01/220-240		1	
	D35.1-23051E		1	**
	SCS35.1F-01/220-240		1	
	SCS14.3-4F-01/220-240		3	
	SCS14.3-4F-01/220-240		4	
TCI	BTL 414	137999/54	3	*
	BTL 414		4	*
Arlen EFA	BE - 214-35 - T5		2	*
Others	LYZ-1X14WT5-240		1	**
	Direct mains			

(1) Do not use in closed luminaires

CorePro LEDtube HF T5 HE - 600mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.

Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.

Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

CorePro LEDtube HF T5 HE - 1200 mm

Ballast compatibility

Key

	Ballast is compatible.
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	Ballast is not compatible.

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 1200mm HE 17.1W 8xx T5 Model number / (**Short**) EOC code: 9290037744 / 8720169**29546900** 9290037745 / 8720169**29548300** 9290037746 / 8720169**29550600** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 128 TL5 220-240	913700136666	1	
	EB-C 128 TL5 II	913713040466	1	
	EB-C 228 TL5 II	913713040666	2	
	HF-S 128-35 TL5 II	913713033266	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	*
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	
	HF-Pi 1 28/35/49/80 TL5 EII	913700652566	1	
	EB-C 128 TL5	913713196466	1	
	EB-Ci 1-2 14-28W	913713043266	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	913713031066	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	913713031066	1	
	HF-R Es 114-35 TL5	913700661666	1	
	HF-R 114-35 TL5 EII	913700619866	1	
	BLUE 128 LH TL5	913700419966	1	**
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	913700652566	1	
	HF-S 114-35 TL5 II	913713042966	1	
	HF-S 1 14-35 TL5 HE II	913713042066	1	
	HF-P 1 14-35 TL5 HE EII 220-240	913700612966	1	**
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	
	EB-C 128 TL5 II	913713040466	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/80 TL5 EII	913700652666	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	
	EB-C 228 TL5	913713197166	2	
	EB-Ci 1-2 14-28W	913713043266	2	
	HF-P 2 14-35 TL5 HE III IDC	913713031166	2	*
	HF-S 2 14-35 TL5 HE II	913713042166	2	*
	HF-R Es 214-35 TL5	913700661766	2	
	HF-R T 228 TL5 220-240	913700186366	2	**
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	913700652666	2	
	HF-R 214-35 TL5 EII	913700619566	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	
	HF-S 214-28 TL5 II	913713043066	2	
OSRAM	QT-FIT5 1x14-35		1	
	QTP5 1x14-35		1	
	QT-FIT5 2x14-35		2	*
	QTP5 2x14-35		2	**
	Qti 1x28/54/35/49 GII		1	*
	Qti 1x28/54 DIM		1	*(1)
	Qti 2x28/54/35/49 GII		2	
	Qti 2x28/54 DIM		2	*(1)
	Qti DALI 2x28/54 DIM		2	*(1)
	Qti 2x28/54		2	
HELVAR	EL1x14-35ngn5		1	**
	EL2x14-35ngn5		2	*
	EL2x14-35iDim		2	
	EL2x14-35s		2	*
TRIDONIC ATCO	PCA 1x28 T5 BASIC lp	22185086	1	
	PCA 2x28 T5 BASIC lp	22185087	2	
	PC 1x14-35 T5 TOP lp	22185157	1	*
	PC 1x14-35 T5 PRO lp	22185147	1	
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PC 2x14-28 T5 TOP lp	22185158	2	**
	PC 2x14-35 T5 PRO lp	22185148	2	
	PCA 1x28/54 T5 ECO lp	22185099	1	
	PCA 1x28/54 T5 EXCEL one4all lp	22185108	1	
	PCA 2x28/54 T5 ECO lp	22185100	2	
	PCA 2x28/54 T5 EXCEL one4all lp	22185109	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	**
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	*

(1) Do not use in closed luminaires

CorePro LEDtube HF T5 HE - 1200 mm

Ballast compatibility

Key

	Ballast is compatible.
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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	12nc	Lamps on ballast	CorePro LEDtube HF 1200mm HE 17.1W 8xx T5 Model number / (**Short**) EOC code: 9290037744 / 8720169**29546900** 9290037745 / 8720169**29548300** 9290037746 / 8720169**29550600** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 328.230	183112	3	*
	ELXc 135.220	188921	1	
	ELXc 228.229	183111	1	
	ELXc 228.229	183111	2	
	ELXc 135.231	183113	1	
	ELXc 135.856	188093	1	
	ELXc 228.229	183111	2	
	ELXc 235.857	188094	2	*
	ELXc 235.221	188922	2	
	ELXd 235.735	183059	2	
	ELXc 154.633	188946	1	*
	ELXd 154.611	188340	1	
	ELXd 154.603	188332	1	*(1)
	ELXc 254.636	188949	2	**
	ELXd 254.612	188341	2	*(1)
	ELXd 254.604	188333	2	*(1)
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1	*
	BCS35.2FX-11/220-240	10077580	2	*
	MLS54.2F-01/220-240	166412	2	
	MLD54.2FR-11/220-240/DALI	10092121	2	
	MLD54.1FR-11/220-240/DALI	10097815	1	
	MLS80.1/54.2FR-11/220-240	10071609	1	
	MLS80.1/54.2FR-11/220-240	10071609	2	
	MLS80.1FR-11/220-240	10071608	1	
	D35.1-23051E		1	
	SCS35.1F-01/220-240		1	
	MLS80.1F-01/220-240		1	
ELT	BE - 214-35 - T5 2		2	
GELEC	CDZ128LY10		1	**
THORN	GM128		1	
Others	Direct mains			

(1) Do not use in closed luminaires

CorePro LEDtube HF T5 HE - 1200mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.

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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

CorePro LEDtube HF T5 HE - 1500 mm

Ballast compatibility

Key

	Ballast is compatible.
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	Ballast is not compatible.

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 1500mm HE 20.5W 8xx T5 Model number / (**Short**) EOC code: 9290037747 / 8720169**29552000** 9290037748 / 8720169**29554400** 9290037749 / 8720169**29556800** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-S 128-35 TL5 II	913713033266	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	913700624166	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	913700695666	1	
	HF-Ri TD 1 35/49/80 TL5 E+	913700695766	1	
	HF-Ri TD 1 35/49/80 TL5 E+	913700695766	1	
	HF-Pi 1 28/35/49/80 TL5 EII	913700652566	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	913713031066	1	*
	HF-P 1 14-35 TL5 HE III IDC C2E	913713031066	1	*
	HF-R Es 114-35 TL5	913700661666	1	
	HF-R 114-35 TL5 EII	913700619866	1	
	HF-P 135 TL5 220-240	913700136766	1	
	HF-P 135 TL5 220-240	913700172666	1	
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	913700652566	1	
	HF-S 114-35 TL5 II	913713042966	1	
	HF-S 1 14-35 TL5 HE II	913713042066	1	
	HF-P 1 14-35 TL5 HE EII 220-240	913700612966	1	**
	HF-Ri TD 1 28-35-49-54 TL5 E+	913700656066	1	
	HF-P 235 TL5 220-240	913700121266	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	913700624366	2	
	HF-Pi 2 28/35/49/80 TL5 EII	913700652666	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700695866	2	
	HF-P 2 14-35 TL5 HE III IDC	913713031166	2	**
	HF-S 2 14-35 TL5 HE II	913713042166	2	**
	HF-R Es 214-35 TL5	913700661766	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	913700652666	2	
	HF-R 214-35 TL5 EII	913700619566	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	913700656166	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700670966	2	
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700670866	1	
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	913700624266	2	
OSRAM	QT-FIT5 1x14-35		1	
	QTP5 1x14-35		1	
	QT-FIT5 2x14-35		2	*
	QTP5 2x14-35		2	**
	Qti 1x35/49/80 GII		1	*
	Qti 1x35/49/80		1	
	Qti 1x28/54/35/49 GII		1	**
	Qti 1x35/49/80 DIM		1	
	Qti DALI 1x35/49/80 DIM		1	*
	Qti 2x35/49/80 GII		2	**
	Qti 2x28/54/35/49 GII		2	
	Qti 2x35/49 DIM		2	**
	Qti 2x35/49/80 DIM		2	*
	Qti DALI 2x35/49/80 DIM		2	
HELVAR	EL1x14-35ngn5		1	**
	EL2x14-35ngn5		2	**
	EL2x14-35s		2	**
TRIDONIC ATCO	PCA 1x35 T5 BASIC lp	22185080	1	
	PC 2x35 T5 TOP lp (28000047)	28000047	2	
	PC 2x35 T5 TOP lp (87500292)	87500292	2	
	PCA 2x35 T5 BASIC lp	22185081	2	
	PC 1x14-35 T5 TOP lp	22185157	1	*
	PC 1x14-35 T5 PRO lp	22185147	1	
	PC 1/14-21-28-35 T5 PRO lp	22087725	1	
	PC 1/14-21-28-35 T5 PRO lp	22176096	1	
	PCA 1x35/49/80 T5 ECO lp	22185096	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22185105	1	
	PCA 1x35/49/80 T5 EXCEL one4all lp	22176172	1	
	PCA 2x35/49 T5 EXCEL one4all lp	22185106	2	
	PCA 2x35/49 T5 ECO lp	22185097	2	
	PC 2/14-35/49/54 T5 PRO-M lp	22176186	2	
	PC 1/14-35/49/80 T5 PRO-M lp	22176184	1	

CorePro LEDtube HF T5 HE - 1500 mm

Ballast compatibility

Key

	Ballast is compatible.
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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 1500mm HE 20.5W 8xx T5 Model number / (**Short**) EOC code: 9290037747 / 8720169**29552000** 9290037748 / 8720169**29554400** 9290037749 / 8720169**29556800** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 235.232	183114	2	*
	ELXc 135.220	188921	1	
	ELXc 135.231	183113	1	
	ELXc 135.856	188093	1	
	ELXc 235.857	188094	2	*
	ELXc 235.221	188922	2	
	ELXd 235.735	183059	2	*
	ELXc 154.633	188946	1	*
	ELXc 180.634	188947	1	*
	ELXd 180.605	188334	1	*
	ELXc 254.636	188949	2	**
	ELXc 280.637	188950	2	**
	ELXd 249.606	188335	2	**
	ELXd 280.630	188604	2	
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1	*
	BCS35.2FX-11/220-240	10077580	2	*
	MLD54.1FR-11/220-240/DALI	10097815	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	
	MLD54.2FR-11/220-240/DALI	10092121	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	
	MLS39.1-2FR-11/220-240	10092026	1	
	MLS39.1-2FR-11/220-240	10092026	2	
	MLS80.1F-01/220-240		1	
	D35.1-23051E		1	*
	SCS35.1F-01/220-240		1	**
TCI	MLS80.1F-01/220-240		1	
ARLEN EFA	BE - 214-35 - T5		2	*
	LYZ-1X14WT5-240		1	
	LYZ-1X35WT5-240		1	
	LYZ-1X35WT5-110C		1	
Others	Direct mains			

CorePro LEDtube HF T5 HE - 1500mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts.

Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube.

Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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

MASTER LEDtube HF T8 - 600 mm

Ballast compatibility

Key

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 600mm HO 8W 8xx T8
				Model number / (**Short**) EOC code: 9290013931C / 871951**46640100** 9290013932C / 871951**46642500** 9290013933C / 871951**46644900**
				AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-P 118 TLD III IDC	913713031266	1	CF
	HF-P 218 TLD III IDC	913713031366	2	CF
	HF-S 118 TLD II	913713032066	1	CF
	HF-S 218 TL-D II 220-240V 50/60Hz	913713032366	2	CF
	HF-S 3/4x18 TLD II	913713032666	3	
	HF-S 3/4x18 TLD II	913713032666	4	
	HF-Matchbox 1x18 Blue	913700418066 / 913700417966	1	*
	HF-Matchbox 1x18 RED	913700423466	1	*
	HF-P 3/4x18 TLD III IDC	913713031466	3	CF
	HF-P 3/4x18 TLD III IDC	913713031466	4	CF
	HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD)	913713039066	2	
	HF-E 418 TL-D II 220-240V 50/60Hz-parl	913713041266	4	
	HF-P 118 TLD 220-240	913700170966	1	CF
	HF-P 118/136 TL-D III	913713031566	1	CF
	HF-S 118/136 TL-D II	913713032166	1	* / CF
	HF-P 218/236 TL-D III	913713031666	2	CF
	HF-S 218/236 TL-D II	913713032466	2	CF
	HF-R 318 TL-D EII	913700629566	3	
	HF-R 418 TL-D EII	913700614666	4	
	HF-P 118 TLD EII 220-240	913700191066	1	CF
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	913700624066	1	CF
	EB-Ci 1-2 36w/1-4 18W	913713043166	1	* / CF
	EB-Ci 1-2 36w/1-4 18W	913713043166	2	
	EB-Ci 1-2 36w/1-4 18W	913713043166	3	
	EB-Ci 1-2 36w/1-4 18W	913713043166	4	
OSRAM	QTP8 1x18		1	*
	QTP8 2x18		2	*
	QT-FIT8 1x18		1	* / CF
	QT-FIT8 2x18		2	CF
	QT Fit 5/8 1x18-39		1	CF
	QTP-OPTIMAL 118-		1	CF
	QTP-OPTIMAL 218-		2	* / CF
	QT Fit 5/8 2x18-39		2	* / CF
	QT-FIT8 3/4X18		3	* / CF
	QT-FIT8 3/4X18		4	*
HELVAR	EL1x18ngn		1	CF
	EL2x18ngn		2	*
	EL 3/4x18ngn		4	
	EL 3/4x18ngn		3	CF
	EL1x18s		1	* / CF
	EL 4x18ngn		4	*
	EL2x18s		2	* / CF
TRIDONIC ATCO	PC 118 PRO lp	22185213	1	CF
	PC 218 PRO lp	22185216	2	CF
	PC 1X18-24W BASIC	22176000	1	*
	PC 1x18 T8 TOP sl	22185222	1	CF
	PC 3/4X18 TOP lp	22185219 / 22185228	3	CF
	PC 3/4X18 TOP lp	22185219 / 22185228	4	CF
	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	CF
	PC 2/14-35/24/39 T5 PRO-M lp	22176185	2	*
	PC 1x18 T8 TEC	87500113	1	
	PC 2x18 T8 TEC	87500114	2	

MASTER LEDtube HF T8 - 600 mm

Ballast compatibility

Key

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc	Lamps on ballast	CorePro LEDtube HF 600mm HO 8W 8xx T8 Model number / (**Short**) EOC code: 9290013931C / 871951**46640100** 9290013932C / 871951**46642500** 9290013933C / 871951**46644900** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 136.200	188314	1	CF
	ELXc 236.208	188705	2	* / CF
	ELXc 424.379	188116	3	CF
	ELXc 424.379	188116	4	CF
	ELXc 418.204	188318	3	CF
	ELXc 418.204	188318	4	CF
	ELXc 136.207	188708	1	* / CF
BAG-HUECO	BCS18.1FX-11/220-240	1007 7588	1	CF
	BCS18.2FX-11/220-240	1007 7589	2	CF
	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			

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

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

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

MASTER LEDtube HF T8 - 1200 mm

Ballast compatibility

Key

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

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HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 1200mm 14W 833 T8 FOOD Model number / (**Short**) EOC code: 9290024794 / 871951429616900 **AC (50 Hz) on HF Ballast Compatible**	MAS LEDtube HF 1200mm HO 14W 8xx T8 Model number / (**Short**) EOC code: 9290035534 / 871951**46688300** 9290035535 / 871951**46684500** 9290035536 / 871951**46686900** **AC (50 Hz) on HF Ballast Compatible**	MAS LEDtube HF 1200mm UO 16W 8xx T8 Model number / (**Short**) EOC code: 9290035540 / 871951**46700200** 9290035541 / 871951**46696800** 9290035542 / 871951**46698200** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-B 136 TLD 220-240	913700112266	1	*	*	*
	HF-B 136 TLD EII 220-240	913700192666	1	* / CF	* / CF	* / CF
	HF-B 236 TL-D 220-240	913700112466	2	*	*	*
	HF-B 236 TLD EII 220-240	913700192866	2	*	*	
	HF-E 136 TL-D II	913713041066	1			
	HF-E 236 TL-D	913713039166	2			
	HF-E 236 TL-D II	913713041166	2			
	HF-K 136 TLD 220-240	913700147766	1	* / CF	* / CF	* / CF
	HF-P 136 TL-D III IDC	913713031566	1	CF	CF	CF
	HF-P 236 TL-D III IDC	913713031666	2			
	HF-P 336 TL-D III IDC	913713031766	3	* / CF	* / CF	* / CF
	HF-P Xt 136 TLD EII 220-240	913700617766	1	* / CF	* / CF	* / CF
	HF-P XT 236 TLD EII 220-240	913700617866	2	* / CF	* / CF	* / CF
	HF-P 136 TLD EII 220-240	913700191166	1	* / CF	* / CF	* / CF
	HF-P 236 TLD 230-240	913700111266	2			*
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	913700624066	1	CF	CF	CF
	HF-R 136 TL-D EII	913700609266	1	Dim / CF	Dim / CF	Dim / CF
	HF-R 236 TL-D EII	913700609366	2			
	HF-R 136 TL-D 220-240V 50/60Hz	913700111766	1			
	HF-S 136 TL-D II	913713032166	1	* / CF	* / CF	* / CF
	HF-S 236 TL-D II	913713032466	2			
	HF-S 336 TL-D II	913713032766	3	* / CF	* / CF	* / CF
	HF-P 118/136 TL-D III	913713031566	1	CF	CF	CF
	HF-S 118/136 TL-D II	913713032166	1	* / CF	* / CF	CF
	HF-P 218/236 TL-D III	913713031666	2			
	HF-S 218/236 TL-D II	913713032466	2			
	EB-C 136 TL-D 220-240	913713199266	1			
	EB-Ci 1-2 36w/1-4 18W	913713043166	1	CF	CF	CF
	EB-Ci 1-2 36w/1-4 18W	913713043166	2			
OSRAM	QT-FIT8 1x36		1	* / CF	* / CF	* / CF
	QT-FIT8 2x36		2	* / CF	* / CF	* / CF
	QTP8 1x36		1	* / CF	* / CF	* / CF
	QTP8 2x36		2	*	*	*
	QTP-OPTIMAL 1x18-40		1	CF	CF	CF
	QTP-OPTIMAL 2x18-40		2	* / CF	* / CF	* / CF
	QTP-DL 1x36-40		1	*	*	*
	QT-FIT 5/8 1x18-39		1	CF	CF	CF
	QT-FIT 5/8 2x18-39		2	* / CF	* / CF	* / CF
HELVAR	EL1x36/40/18S		1	* / CF	* / CF	* / CF
	EL1x36HF		1			
	EL1x36ngn		1	* / CF	* / CF	* / CF
	EL2x36/40s		2	* / CF	* / CF	* / CF
	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	CF	CF	CF
	PC2/36 T8 INDUSTRY	86458036	2	* / CF	* / CF	* / CF
	PC2x36 T8 PRO sl	22185217	2	* / CF	* / CF	* / CF
	PC 2x36 T8 TOP sl	22185226	2	* / CF	* / CF	* / CF
	PC 1x36 T8 TOP sl	22185223	1	CF	CF	CF
	PC1/36 T8 PRO sc	89800008	1			
	PC 1/36 T8 PRO	22176108	1			
	PC 3/36 T8 PRO	22176231	3	*	*	*
	PC 1/36 TCL PRO	87500507	1	* / CF	* / CF	* / CF

MASTER LEDtube HF T8 - 1200 mm

Ballast compatibility

Key

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

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

HF Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 1200mm 14W 833 T8 FOOD Model number / (**Short**) EOC code: 9290024794 / 871951429616900	MAS LEDtube HF 1200mm HO 14W 8xx T8 Model number / (**Short**) EOC code: 9290035534 / 871951446688300 9290035535 / 871951446684500 9290035536 / 871951446686900	MAS LEDtube HF 1200mm UO 16W 8xx T8 Model number / (**Short**) EOC code: 9290035540 / 871951446700200 9290035541 / 871951446696800 9290035542 / 871951446698200
				AC (50 Hz) on HF Ballast Compatible	**AC (50 Hz) on HF Ballast Compatible**	**AC (50 Hz) on HF Ballast Compatible**
VOSS-LOH-SCHWABE	ELXc 136.207	188708	1	* / CF	* / CF	* / CF
	ELXc 236.202	188316	2	* / CF	* / CF	* / CF
	ELXc 236.208	188705	2	* / CF	* / CF	* / CF
	ELXe 238.527	188137	2	CF	CF	CF
	ELXe 238.527	188137	1	CF	CF	CF
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1	CF	CF	CF
	BCS36.2FX-11/220-240	10077591	2			
	D36.2-23021 E	166132	2			
	D 58.1-23021 E	166072	1	* / CF	* / CF	* / CF
	ECS36.2SR-01/220-240	167032	2			
Trilux	D36.2-23021 E		2			
	D58.1-23021E		1	*	*	*
	DD58.1-23031E		1			
Others	EM ballast					
	Direct Mains					

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

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

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

MASTER LEDtube HF T8 - 1500 mm

Ballast compatibility

Key

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

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

Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 1500mm HO 20W 8xx T8	MAS LEDtube HF 1500mm UO 24W 8xx T8
				Model number / (**Short**) EOC code: 9290035537 / 871951**46694400** 9290035538 / 871951**46690600** 9290035539 / 871951**46692000**	Model number / (**Short**) EOC code: 9290035543 / 871951**46706400** 9290035544 / 871951**46702600** 9290035545 / 871951**46704000**
				AC (50 Hz) on HF Ballast Compatible	**AC (50 Hz) on HF Ballast Compatible**
PHILIPS	EI 158 TL-D 220-240	913700607566	1		*
	HF-B 158 TLD 220-240	913700112366	1		
	HF-B 158 TLD EII 220-240	913700192766	1	*	*
	HF-B 258 TLD 220-240	913700112566	2	*	
	HF-B 258 TL-D EII 220-240	913700192966	2	* / CF	* / CF
	HF-E 158 TL-D	913713038966	1		
	HF-E 1/2 58 TL-D II	913713040966	2		
	HF-E 1/2 58 TL-D II	913713040966	1	* / CF	* / CF
	HF-P 154/155 TL5 HO/PL-L III IDC	913713028266	1	CF	CF
	HF-P 158 TLD 230-240	913700111166	1	CF	CF
	HF-P 158 TLD EII 220-240	913700191266	1	*	*
	HF-P 158 TL-D III IDC	913713031866	1	CF	CF
	HF-P 258 TLD EII 220-240	913700191666	2	* / CF	* / CF
	HF-P 258 TL-D III IDC	913713031966	2		
	HF-P Xt 158 TLD EII 220-240	913700617966	1	* / CF	* / CF
	HF-P Xt 258 TL-D EII 220-240	913700618066	2	* / CF	* / CF
	HF-P 158 TLD 220-240	913700118566	1		
	HF-P 258 TLD 230-240	913700111066	2	*	*
	HF-R 258 TLD 220-240	913700111966	2	*	
	HF-R 158 TLD EII	913700609466	1	Dim / CF	Dim / CF
	HF-R 258 TLD EII	913700609566	2		
	HF-RiTD 1 28/35/49/54TL5	913700695666	1		
	HF-RiTD 2 28/35/49/54TL5	913700695866	2		
	HF-S 158 (Designed for Philips Luminaires)		1	*	*
	HF-S 158 TL-D II	913713032266	1	CF	CF
	HF-S 258 TL-D II	913713032566	2	CF	CF
	HF-S 258 TL-D II HT	913700689966	2	CF	CF
	HF-S 158 TLD 220-240	913700631966	1	CF	CF
	EB-P 258 TLD ICC 220-240	913713021066	2	* / CF	* / CF
	HF-P 258 TLD 220-240	913700120666	2		
	HF-S 258 TLD 220-240	913700645266	2	CF	CF
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1		
	QT Deluxe HF 2x58 230-240 Dim		2		
	QT-FIT8 1x58-70		1	CF	CF
	QT-FIT8 2x58-70		2		
	QTP8 1x58		1		* / CF
	QTP8 2x58		2	*	*
	QTP 2x58/230-240		2	* / CF	* / CF
	QTP 1x58/230-240		1		
	QTP-OPTIMAL 1x54-58		1	CF	CF
	QTP-OPTIMAL 2x54-58		2	CF	CF
	QT 1X58 DIM		1		
	QT-FIT 5/8 1x54-58		1	CF	CF
	QT-FIT 5/8 2x54-58		2	CF	CF
	QT-FIT8 2x58		2	CF	CF
HELVAR	EL1x58ngn		1		
	EL1x58s		1	CF	CF
	EL2x58es		2	*	*
	EL2x58HF		2	CF	CF
	EL2x58ngn		2		*
	EL2x58s		2	CF	CF
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86458037	1	* / CF	* / CF
	PC 1/58 T8 PRO	22176094	1	* / CF	* / CF
	PC 1/58 T8 PRO	22176007	1	* / CF	* / CF
	PC 1x58 T8 PRO lp	22185215	1	CF	CF
	PC 2/58 T8 INDUSTRY	86458038	2	* / CF	* / CF
	PC 2x58 E011		2		
	PC 2x58 E011 IDC	22083174	2		
	PC 2x58 T8 PRO sl	22185218	2	* / CF	* / CF
	PC 1x58 T8 TOP sl	22185224	1	CF	
	PC 2x58 T8 TOP sl	22185227	2	* / CF	* / CF
	PCA 1/58 excel one4all	22085286	1		
	PCA 2x58 EXCEL One4all lp	28 000 040	2		

MASTER LEDtube HF T8 - 1500 mm

Ballast compatibility

Key

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

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Works with High Frequency ballast (HF)

InstantFit™ HASSLE FREE INSTALLATION

	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube HF 1500mm HO 20W 8xx T8 Model number / (**Short**) EOC code: 9290035537 / 871951**46694400** 9290035538 / 871951**46690600** 9290035539 / 871951**46692000** **AC (50 Hz) on HF Ballast Compatible**	MAS LEDtube HF 1500mm UO 24W 8xx T8 Model number / (**Short**) EOC code: 9290035543 / 871951**46706400** 9290035544 / 871951**46702600** 9290035545 / 871951**46704000** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	CF	CF
	ELXc 158.209	188706	1	CF	CF
	ELXc 158.218	188870	1	CF	CF
	ELXc 258.203	188317	2	CF	CF
	ELXc 258.210	188707	2	* / CF	* / CF
	ELXc 258.219	188871	2	* / CF	* / CF
	ELXe 258.222	188130	2	CF	CF
	ELXe 258.222	188130	1	CF	CF
	ELXe 158.524	188024	1	CF	CF
BAG-HUECO	BCD58.1F-01/220-240/1-10V	10097145	1		
	BCS58.1FX-11/220-240	10077592	1	CF	CF
	BCS58.2FX-11/220-240	10077593	2		
	BCS58.2SX-01/220-240	10051003	2		
	BCS58.1SR-01/220-240	10051002	1	* / CF	* / CF
	D 58.1-23021 E	166072	1		
	D 58.2-23021 E	166082	2		
	SCS58.2SR-11/220-240	166272	2		
Trilux	D58.1-23021E 1		1		
	DD58.1-23031E		1		
May + Christie	MCU 158		1		
	MCU 258		2		
Others	Direct mains				
	Electro Magnetic Ballast				

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

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

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

MASTER Value LEDtube Universal T8 - 1200 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1200mm UO 15.5W 8xx T8 Model number / (**Short**) EOC code: 9290029970B / 8719514**31668300** 9290029971B / 8719514**31670600** 9290029972B / 8719514**31672000** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-B 136 TLD 220-240	913700112266	1	
	HF-B 136 TLD EII 220-240	913700192666	1	
	HF-B 236 TL-D 220-240	913700112466	2	
	HF-B 236 TLD EII 220-240	913700192866	2	*
	HF-E 136 TL-D II	913713041066	1	
	HF-E 236 TL-D	913713039166	2	
	HF-E 236 TL-D II	913713041166	2	
	HF-K 136 TLD 220-240	913700147766	1	
	HF-P 136 TL-D III IDC	913713031566	1	*
	HF-P 236 TL-D III IDC	913713031666	2	*
	HF-P 336 TL-D III IDC	913713031766	3	**
	HF-P Xt 136 TLD EII 220-240	913700617766	1	
	HF-P XT 236 TLD EII 220-240	913700617866	2	
	HF-P 136 TLD EII 220-240	913700191166	1	
	HF-P 236 TLD 230-240	913700111266	2	
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	913700624066	1	*
	HF-R 136 TL-D EII	913700609266	1	
	HF-R 236 TL-D EII	913700609366	2	
	HF-R 136 TL-D 220-240V 50/60Hz	913700111766	1	
	HF-Ri TD 1 14/21/24/39TL5 E+	913700698366	1	
	HF-S 136 TL-D II	913713032166	1	*
	HF-S 236 TL-D II	913713032466	2	
	HF-S 336 TL-D II	913713032766	3	**
	HF-P 118/136 TL-D III	913713031566	1	*
	HF-S 118/136 TL-D II	913713032166	1	
	HF-P 218/236 TL-D III	913713031666	2	
	HF-S 218/236 TL-D II	913713032466	2	*
	HF-P 136 TLD 220-240	913700172766	1	
	HF-P 138 TLD 220-240	913700122066	1	
	HF-P 236 TLD 220-240	913700118766	2	
	EB-C 136 TL-D 220-240	913713199266	1	
	HF-Performer 136 TL-D 220-240V 50/60Hz	913700118466	1	
	EB-S 236 TL-D 220-230	913713021666	2	
	EL-B 236 TLD 220-240	44410008582166	2	
	EB-Ci 1-2 36w/1-4 18W	913713043166	2	*
	EB-Ci 1-2 36w/1-4 18W	913713043166	1	
OSRAM	QT-FIT8 1x36		1	
	QT-FIT8 2x36		2	*
	QTP8 1x36		1	*
	QTP8 2x36		2	
	QTP-OPTIMAL 1x18-40		1	
	QTP-OPTIMAL 2x18-40		2	**
	QT-FIT 5/8 2x18-39		2	*
	QTP-DL 1x36-40		1	
	QT-FIT 5/8 1x18-39		1	
	QTP-DL 2x36-40		2	*
HELVAR	EL1x36/40/18S		1	
	EL1x36HF		1	
	EL1x36ngn		1	*
	EL2x36/40s		2	*
	EL2x36ngn		2	**
	EL 1X36sc			
	EL 2X36sc			
TRIDONIC ATCO	PC 1/36 T8 INDUSTRY	86458035	1	**
	PC 1/36 T8 PRO	22176217	1	**
	PC 1x36 T8 PRO lp	22185214	1	*
	PC2/36 T8 INDUSTRY	86458036	2	
	PC2x36 T8 PRO sl	22185217	2	
	PC 2x36 T8 TOP sl	22185226	2	
	PC 1x36 T8 TOP sl	22185223	1	
	PC1/36 T8 PRO sc	89800008	1	
	PC 1/36 T8 PRO	22176108	1	
	PC 3/36 T8 PRO	22176231	3	
	PC 1/36 TCL PRO	87500507	1	*
	PC 2/36 TCL PRO	87500518	2	*

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MASTER Value LEDtube Universal T8 - 1200 mm

Ballast compatibility

Key

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

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	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1200mm UO 15.5W 8xx T8 Model number / (**Short**) EOC code: 9290029970B / 8719514**31668300** 9290029971B / 8719514**31670600** 9290029972B / 8719514**31672000**
				AC (50 Hz) 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	
	ELXd 136.852	188084	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	98147	2	
	D58.1-23021E		1	
	DD58.1-23031E		1	
SIEMENS	5LZ 3211-1N		1	**
TCI	BTL8 136		1	
Others	EM ballast		1	
	Direct Mains		1	

MASTER Value LEDtube Universal

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

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

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

MASTER Value LEDtube Universal T8 - 1500 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1500mm UO 23W 8xx T8 Model number / (**Short**) EOC code: 9290029973B / 8719514**31674400** 9290029974B / 8719514**31676800** 9290029975B / 8719514**31678200** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-B 158 TLD 220-240	913700112366	1	
	HF-B 158 TLD EII 220-240	913700192766	1	
	HF-B 258 TLD 220-240	913700112566	2	
	HF-B 258 TL-D EII 220-240	913700192966	2	
	HF-E 158 TL-D	913713038966	1	
	HF-E 1/2 58 TL-D II	913713040966	2	
	HF-E 1/2 58 TL-D II	913713040966	1	*
	HF-P 154/155 TL5 HO/PL-L III IDC	913713028266	1	
	HF-P 158 TLD EII 220-240	913700191266	1	
	HF-P 158 TL-D III IDC	913713031866	1	*
	HF-P 258 TLD EII 220-240	913700191666	2	
	HF-P 258 TL-D III IDC	913713031966	2	
	HF-P Xt 158 TLD EII 220-240	913700617966	1	
	HF-P Xt 258 TL-D EII 220-240	913700618066	2	
	HF-P 158 TLD 220-240	913700118566	1	
	HF-P 258 TLD 230-240	913700111066	2	
	HF-R 258 TLD 220-240	913700111966	2	
	HF-R 158 TLD EII	913700609466	1	
	HF-R 258 TLD EII	913700609566	2	
	HF-RiTD 1 28/35/49/54TL5 E+	913700695666	1	
	HF-P 158 TLD 230-240	913700111166	1	
	HF-RiTD 2 28/35/49/54TL5 E+	913700695866	2	
	HF-S 158		1	*
	HF-S 158 TL-D II	913713032266	1	*
	HF-S 258 TL-D II	913713032566	2	**
	HF-S 258 TL-D II HT	913700689966	2	
	HF-S 158 TLD 220-240	913700631966	1	
	EB-P 258 TLD ICC 220-240	913713021066	2	
	HF-P 258 TLD 220-240	913700120666	2	
	EI 158 TL-D 220-240	913700607566	1	
	HF-R TD 258 TLD EII 220-240	913700607066	2	
	HF-S 258 TLD 220-240	913700645266	2	
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1	
	QT Deluxe HF 2x58 230-240 Dim		2	
	QT-FIT8 1x58 - 70		1	
	QT-FIT8 2x58 -70		2	
	QTP8 1x58		1	
	QTP8 2x58		2	
	QTP-OPTIMAL 1x54-58		1	
	QTP-OPTIMAL 2x54 -58		2	*
	QT 1X58 DIM		1	
	QT-FIT 5/8 1x54-58		1	*
	QT-FIT 5/8 2x54-58		2	*
	QT-FIT8 2x58		2	
	QTP 1x58/230-240		1	
	QTP 2x58/230-240		2	
HELVAR	EL1x58ngn			
	EL1x58s			*
	EL2x58es			
	EL2x58HF			*
	EL2x58ngn			
	EL2x58s			

MASTER Value LEDtube Universal T8 - 1500 mm

Ballast compatibility

Key

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

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	Ballast type	12nc / Ref. no.	Lamps on ballast	MAS LEDtube VLE UN 1500mm UO 23W 8xx T8 Model number / (**Short**) EOC code: 9290029973B / 871951431674400 9290029974B / 871951431676800 9290029975B / 871951431678200
				AC (50 Hz) on HF Ballast Compatible
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86458037	1	
	PC 1x58 T8 PRO lp	22185215	1	
	PC 1/58 T8 PRO	22176094	1	
	PC 2/58 T8 INDUSTRY	86458038	2	
	PC 2x58 E011 IDC	22083174	2	
	PC 2x58 T8 PRO sl	22185218	2	
	PC 1x58 T8 TOP sl	22185224	1	
	PC 2x58 T8 TOP sl	22185227	2	
	PCA 1/58 excel one4all	22085286	1	
	PCA 2x58 EXCEL One4all lp	28000040	2	
	PC 1x58 T8 TEC	87500150	1	
	PC 1/58 T8 PRO	22176007	1	
	PCA 1x58 T8 EXCEL One4all lp	28000036	1	
	PCA 1x58 T8 BASIC lp	28000043	1	
	PCA 1x58 T8 Eco lp	28000037	1	
	PC 2x58 T8 TEC	87500151	2	
	PCA 2x58 T8 ECO lp	28000041	2	
VOSSLOH-SCHWABE	ELXc 158.201	188315	1	*
	ELXc 158.209	188706	1	
	ELXc 258.203	188317	2	*
	ELXc 258.210	188707	2	
	ELXc 258.219	188871	2	
	ELXe 258.222	188130	2	
	ELXe 258.222	188130	1	*
	ELXe 158.524	188024	1	
	ELXc 158.218	188870	1	*
BAG-HUECO	BCD58.1F-01/220-240/1-10V	10097145	1	**/Dim
	BCS54.1FX-11/220-240		1	**
	BCS58.1FX-11/220-240	10077592	1	
	BCS58.2FX-11/220-240	10077593	2	
	BCS58.2SX-01/220-240	10051003	2	
	D 58.1-23021 E	166072	1	
	D 58.2-23021 E	166082	2	
	SCS58.2SR-11/220-240	166272	2	
	BCS58.1SR-01/220-240	10051002	1	*
	SCS58.1S-01/230-240	166352	1	
	ECS58.2SR-01/220-240	167172	2	
Trilux	D58.1-23021E	98432	1	
	DD58.1-23031E	98625	1	
	D58.2-23021E			
May + Christie	MCU 158		1	
	MCU 258		2	
LUDWIG	ELXe 158.250	172762	1	
TCI	BTLT 254		2	
Others	Direct mains			
	Electro Magnetic Ballast			

MASTER Value LEDtube Universal

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

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

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

CorePro LEDtube Universal T8 - 600 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 600mm HO 8W 8xx T8 Model number / (**Short**) EOC code: 9290024198D / 871869**78277100** 9290024199D / 871869**78279500** 9290024199D / 872016**30946300** 9290024120D / 871869**78281800** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-P 118 TLD III IDC	913713031266	1	
	HF-P 218 TLD III IDC	913713031366	2	*
	HF-S 118 TLD II	913713032066	1	
	HF-S 218 TL-D II 220-240V 50/60Hz	913713032366	2	
	HF-S 3/4x18 TLD II	913713032666	3	*
	HF-S 3/4x18 TLD II	913713032666	4	
	HF-Matchbox 1x18 Blue	913700418066 / 913700417966	1	
	HF-Matchbox 1x18 RED	913700423466	1	*
	HF-P 3/4x18 TLD III IDC	913713031466	3	
	HF-P 3/4x18 TLD III IDC	913713031466	4	
	HF-E 418 TL-D || 220-240V 50/60Hz-parl	913713041266	4	
	HF-P 118/136 TL-D III	913713031566	1	
	HF-S 118/136 TL-D II	913713032166	1	
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700698366	1	
	EB-C 118 TLD 220	913713199066	1	
	EB-E 118 TLD 220	913710060466	1	
	HF-R 118 TLD EII	913700620366	1	
	HF-P 118 TLD EII 220-240	913700191066	1	
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	913700624066	1	
	EB-Ci 1-2 36w/1-4 18W	913713043166	1	
	HF-P 218/236 TL-D III 4CIC	913713031666	2	*
	HF-P 218/236 TL-D III C2E	913713031666	2	*
	HF-S 218/236 TL-D II	913713032466	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	913700698466	2	
	EB-C 218 TLD 220	913713199166	2	
	EB-Ci 1-2 36w/1-4 18W	913713043166	2	
	HF-R 318 TL-D EII	913700629566	3	
	EB-C 318 TLD 220	913713197566	3	**
	HF-R 418 TL-D EII	913700614666	4	
	EB-C 418 TLD 220	913713197366	4	
	EB-Ci 1-2 36w/1-4 18W	913713043166	3	
	EB-Ci 1-2 36w/1-4 18W	913713043166	4	*
	HF-P 3/4 18 TLD EII 220-240	913700191966	3	
	HF-P 3/4 18 TLD EII 220-240	913700191966	4	
OSRAM	QTP8 1x18		1	
	QTP8 2x18		2	*
	QT-FIT8 1x18		1	**
	QT-FIT8 2x18		2	
	QT Fit 5/8 1x18-39		1	
	QTP-OPTIMAL 118-40		1	
	QTP-OPTIMAL 218-40		2	*
	QT Fit 5/8 2x18-39		2	*
	QT-FIT8 3/4X18		3	*
	QT-FIT8 3/4X18		4	*
HELVAR	EL1x18ngn		1	
	EL2x18ngn		2	
	EL 3/4x18ngn		3	
	EL 3/4x18ngn		4	*
	EL1x18s		1	
	EL 4x18ngn		4	
	EL2x18s		2	
TRIDONIC ATCO	PC 118 PRO lp	22185213	1	
	PC 218 PRO lp	22185216	2	
	PC 1X18-24W BASIC	22176000	1	*
	PC 1x18 T8 TOP sl	22185222	1	
	PC 3/4X18 TOP lp	22185219 / 22185228	3	
	PC 3/4X18 TOP lp	22185219 / 22185228	4	*
	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	
	PC 2/14-35/24/39 T5 PRO-M lp	22176185	2	
	PC 1x18 T8 TEC	87500113	1	**
	PC 2x18 T8 TEC	87500114	2	*
	PC 2x36/4x18 T8 TEC		4	**

CorePro LEDtube Universal T8 - 600 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 600mm HO 8W 8xx T8 Model number / (**Short**) EOC code: 9290024198D / 8718699**78277100** 9290024199D / 8718699**78279500** 9290024199D / 8720169**30946300** 9290024120D / 8718699**78281800** **AC (50 Hz) on HF Ballast Compatible**
VOSSLOH-SCHWABE	ELXc 136.200	188314	1	*
	ELXc 236.208		2	
	ELXc 424.379	188116	3	
	ELXc 424.379	188116	4	
	ELXc 418.204	188318	3	*
	ELXc 418.204	188318	4	*
	ELXc 136.207		1	*
	ELXc 118.520	188020	1	
BAG-HUECO	BCS18.1FX-11/220-240	10077588	1	
	BCS18.2FX-11/220-240	10077589	2	
	BCS18.3-4LR-01/220-240 3lamp	10050999	3	
	BCS18.3-4LR-01/220-240 4lamp	10050999	4	
Others	Direct mains			
	Electro Magnetic Ballast			

CoreProLEDtube Universal

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

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

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

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

CorePro LEDtube Universal T8 - 1200 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 1200mm HO 18W 8xx T8 Model number / (**Short**) EOC code: 9290018692E / 8718696**80166600** 9290018693E/ 8718696**80168000** 9290018693E / 8720169**30942500** 9290018694E / 8718696**80170300** **AC (50 Hz) on HF Ballast Compatible**	CorePro LEDtube UN 1200mm UO 15.5W 8xx T8 Model number / (**Short**) EOC code: 9290036481 / 8720169**19996500** 9290036482 / 8720169**19998900** 9290036483 / 8720169**20000500** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	EB-C 136 TL-D 220-240	913713199266	1		
	EB-S 236 TL-D 220-230	913713021666	2		
	HF-B 136 TLD 220-240	913700112266	1	**	**
	HF-B 136 TLD EII 220-240	913700192666	1	**	**
	HF-B 236 TL-D 220-240	913700112466	2	**	**
	HF-B 236 TLD EII 220-240	913700192866	2	*	*
	HF-E 136 TL-D II	913713041066	1		
	HF-E 236 TL-D II	913713039166	2		
	HF-K 136 TLD 220-240	913700147766	1	*	*
	HF-P 136 TL-D III IDC	913713031566	1	*	*
	HF-P 236 TL-D III IDC	913713031666	2	*	*
	HF-P 336 TL-D III IDC	913713031766	3		
	HF-P Xt 136 TLD EII 220-240	913700617766	1	**	**
	HF-P XT 236 TLD EII 220-240	913700617866	2		
	HF-P 136 TLD EII 220-240	913700191166	1	*	*
	HF-P 236 TLD 230-240	913700111266	2	**	**
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	913700624066	1		
	HF-R 136 TL-D EII	913700609266	1		
	HF-R 236 TL-D EII	913700609366	2		
	HF-R 136 TL-D 220-240V 50/60Hz	913700111766	1		
	HF-Ri TD 1 14/21/24/39TL5 E+	913700698366	1		
	HF-S 136 TL-D II	913713032166	1	**	**
	HF-S 236 TL-D II	913713032466	2		
	HF-S 336 TL-D II	913713032766	3		
	HF-P 118/136 TL-D III	913713031566	1		
	HF-S 118/136 TL-D II	913713032166	1	**	**
	HF-P 136 TLD 220-240	913700172766	1	*	*
	HF-P 138 TLD 220-240	913700122066	1		
	HF-P 218/236 TL-D III	913713031666	2	*	*
	HF-S 218/236 TL-D II	913713032466	2	*	*
	EL-B 236 TLD 220-240	444100085821	2		
	HF-P 236 TLD 220-240	913700118766	2		
	EB-Ci 1-2 36w/1-4 18W	913713043166	2	*	*
	EB-Ci 1-2 36w/1-4 18W	913713043166	1	*	*
OSRAM	QT-FIT8 1x36		1		
	QT-FIT8 2x36		2	*	*
	QTP8 1x36		1	**	**
	QTP8 2x36		2	*	*
	QTP-OPTIMAL 1x18-40		1	*	*
	QTP-OPTIMAL 2x18-40		2		
	QT-FIT 5/8 2x18-39		2		
	QTP-DL 1x36-40		1	**	**
	QT-FIT 5/8 1x18-39		1	*	*
	QTP-DL 2x36-40		2		
HELVAR	EL1x36/40/18S		1	*	*
	EL1x36HF		1		
	EL1x36ngn		1	**	**
	EL2x36/40s		2		
	EL2x36ngn		2		
	EL 1X36sc		1		
	EL 2X36sc		2		

CorePro LEDtube Universal T8 - 1200 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 1200mm HO 18W 8xx T8 Model number / (**Short**) EOC code: 9290018692E / 8718696**80166600** 9290018693E/ 8718696**80168000** 9290018693E / 8720169**30942500** 9290018694E / 8718696**80170300** **AC (50 Hz) on HF Ballast Compatible**	CorePro LEDtube UN 1200mm UO 15.5W 8xx T8 Model number / (**Short**) EOC code: 9290036481 / 8720169**19996500** 9290036482 / 8720169**19998900** 9290036483 / 8720169**20000500** **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	**	**
	PC 1/36 TCL PRO	87500507	1	**	**
	PC 2/36 TCL PRO	87500518	2	**	**
VOSSLOH-SCHWABE	ELXc 136.207	188708	1		
	ELXc 236.202	188316	2		
	ELXc 236.208	188705	2		
	ELXe 238.527	188137	2		
	ELXe 238.527	188137	1		
	ELXd 136.852		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		
TCI	BTL8 136		1		
Others	EM ballast		1		
	Direct Mains (only one single side supply)		1		

CoreProLEDtube Universal

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

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

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

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

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

CorePro LEDtube Universal T8 - 1500 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 1500mm HO 23W 8xx T8 Model number / (**Short**) EOC code: 9290018695E/ 8718696**80172700** 9290018696E/ 8718696**80174100** 9290018696E / 8720169**30944900** 9290018697E/ 8718696**80176500** **AC (50 Hz) on HF Ballast Compatible**	CorePro LEDtube UN 1500mm UO 23W 8xx T8 Model number / (**Short**) EOC code: 9290036484 / 8720169**20002900** 9290036485 / 8720169**20004300** 9290036486 / 8720169**20006700** **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	EI 158 TL-D 220-240	913700607566	1		
	HF-B 158 TLD 220-240	913700112366	1		
	HF-B 158 TLD EII 220-240	913700192766	1		
	HF-B 258 TLD 220-240	913700112566	2		
	HF-B 258 TL-D EII 220-240	913700192966	2		
	HF-E 158 TL-D	913713038966	1		
	HF-E 1/2 58 TL-D II	913713040966	2		
	HF-E 1/2 58 TL-D II	913713040966	1		
	HF-P 154/155 TL5 HO/PL-L III IDC	913713028266	1		
	HF-P 158 TLD EII 220-240	913700191266	1		
	HF-P 158 TL-D III IDC	913713031866	1		
	HF-P 258 TLD EII 220-240	913700191666	2		
	HF-P 258 TL-D III IDC	913713031966	2		
	HF-P Xt 158 TLD EII 220-240	913700617966	1		
	HF-P Xt 258 TL-D EII 220-240	913700618066	2		
	HF-P 158 TLD 220-240	913700118566	1		
	HF-P 258 TLD 230-240	913700111066	2		
	HF-R 258 TLD 220-240	913700111966	2		
	HF-R 158 TLD EII	9137006 09466	1		
	HF-R 258 TLD EII	913700609566	2		
	HF-R TD 258 TLD EII 220-240	913700607066	2		
	HF-RiTD 1 28/35/49/54TL5 E+	913700695666	1		
	HF-P 158 TLD 230-240	913700111166	1		
	HF-RiTD 2 28/35/49/54TL5 E+	913700695866	2		
	HF-S 158		1	*	*
	HF-S 158 TL-D II	913713032266	1		
	HF-S 258 TL-D II	913713032566	2		
	HF-S 258 TL-D II HT	913700689966	2		
	HF-S 158 TLD 220-240	913700631966	1		
	EB-P 258 TLD ICC 220-240	913713021066	2		
	HF-P 258 TLD 220-240	913700120666	2		
	HF-S 258 TLD 220-240	913700645266	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		
	QTP 1x58/230-240		1		
	QTP 2x58/230-240		2		
HELVAR	EL1x58ngn		1		
	EL1x58s		1		
	EL2x58es		2		
	EL2x58HF		2		
	EL2x58ngn		2		
	EL2x58s		2		

CorePro LEDtube Universal T8 - 1500 mm

Ballast compatibility

Key

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

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Universal with InstantFit™ technology

	Ballast type	12nc / Ref. no.	Lamps on ballast	CorePro LEDtube UN 1500mm HO 23W 8xx T8 Model number / (**Short**) EOC code: 9290018695E/ 8718696**80172700** 9290018696E/ 8718696**80174100** 9290018696E / 8720169**30944900** 9290018697E/ 8718696**80176500**	CorePro LEDtube UN 1500mm UO 23W 8xx T8 Model number / (**Short**) EOC code: 9290036484 / 8720169**20002900** 9290036485 / 8720169**20004300** 9290036486 / 8720169**20006700**
				AC (50 Hz) on HF Ballast Compatible	**AC (50 Hz) on HF Ballast Compatible**
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86458037	1	*	*
	PC 1/58 T8 PRO	22176094	1		
	PC 1x58 T8 PRO lp	22185215	1		
	PC 2/58 T8 INDUSTRY	86458038	2		
	PC 2x58 E011		2		
	PC 2x58 E011 IDC	22083174	2		
	PC 2x58 T8 PRO sl	22185218	2		
	PC 1x58 T8 TOP sl	22185224	1		
	PC 2x58 T8 TOP sl	22185227	2		
	PCA 1/58 excel one4all	22085286	1		
	PCA 2x58 EXCEL One4all lp	28000040	2		
	PCA 1x58 T8 EXCEL One4all lp	28000036	1		
	PCA 1x58 T8 BASIC lp	28000043	1		
	PCA 1x58 T8 Eco lp	28000037	1		
	PCA 2x58 T8 ECO lp	28000041	2		
	PC 1x58 T8 TEC	87500150	1		
	PC 1/58 T8 PRO	22176007	1		
	PC 2x58 T8 TEC	87500151	2		
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	10097145	1		
	BCS54.1FX-11/220-240		1		
	BCS58.1FX-11/220-240	10077592	1		
	BCS58.2FX-11/220-240	10077593	2		
	BCS58.2SX-01/220-240	10051003	2		
	BCS58.1SR-01/220-240	10051002	1		
	D 58.1-23021 E	166072	1		
	D 58.2-23021 E	166082	2		
	SCS58.2SR-11/220-240	166272	2		
	SCS58.1S-01/230-240	166352	1		
	ECS58.2SR-01/220-240	167172	2		
Trilux	D58.1-23021E	98432	1		
	DD58.1-23031E	98625	1		
	D58.2-23021E		2		
May + Christie	MCU 158		1		
	MCU 258		2		
LUD-WIG	ELXe 158.250	172762	1		
TCI	BTLT 254		2		
Others	Direct Mains (only one single side supply)				
	Electro Magnetic Ballast				

CoreProLEDtube Universal

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

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

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