LEDtube HF T5 HE - 600mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 600mm 7.1W Model number / **(Short)** EOC code: 9290037741 / 872069**30950000** 9290037742 / 872069**30952400** AC (50 Hz) on HF Ballast Compatible
PHILIPS	BLUE 114 LH TL/PLS/PLC	9137004217	1	**
	EB-C 114 TL5	9137131962	1	
	EB-Ci 1-2 14-28W	9137130432	1	**
	HF-E 114 TL5 II	9137130414	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	9137130310	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	9137130310	1	
	HF-R 114 TL5 220-240	9137001287	1	**
	HF-R Es 114-35 TL5	9137006616	1	**
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006708	1	
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1	
	HF-R 114-35 TL5 EII	9137006198	1	
	HF-S 114-35 TL5 II	9137130429	1	*
	HF-S 1 14-35 TL5 HE II	9137130420	1	*
	HF-P 1 14-35 TL5 HE EII 220-240	9137006129	1	
	EB-C 128 TL5 II	9137130404	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	EB-C 214 TL5	9137131969	2	
	EB-Ci 1-2 14-28W	9137130432	2	**
	HF-E 214 TL5 II	9137130415	2	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
	HF-S 2 14-35 TL5 HE II	9137130421	2	
	HF-R Es 214-35 TL5	9137006617	2	*
	HF-R DALI 214 TL5 220-240	9137001313	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	*
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006709	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
	HF-R 214-35 TL5 EII	9137006195	2	*
	HF-S 214-28 TL5 II	9137130430	2	*
	EB-C 314 TL5	9137131967	3	
	HF-E 3/414 TL5 II	9137130413	3	
	HF-S 3/414 TL5 II	9137130330	3	
	HF-R 3/414 TL5 220-240	9137001423	3	**(1)
	HF-R TD 314 TL5 EII	9137006291	3	**
	HF-Ri TD 3 14/24 TL5 E+	9137006790	3	
	HF-P 3/414 TL5 III IDC	9137130339	3	
	HF-R 314 TL5 EII	9137006294	3	
	HF-P 3/4 14 TL5 EII 220-240	9137006013	3	**
	EB-Ci 1-2 14-28W	9137130432	3x14	**
	HF-E 3/414 TL5 II	9137130413	4	
	HF-S 3/414 TL5 II	9137130330	4x14	
	HF-R 3/414 TL5 220-240	9137001423	4	**(1)
	HF-P 3/414 TL5 III IDC	9137130339	4	
	HF-R 414 TL5 EII	9137006144	4	
	HF-P 3/4 14 TL5 EII 220-240	9137006013	4	**
	HF-Ri TD 4 14/24 TL5 E+	9137006791	4	
	HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	3	
	HF-Pi 3/4 14/24 TL5/PLL EII	9137006576	4	
	HF-P 414 TL5 220-240	9137001562	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

LEDtube HF T5 HE - 600mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 600mm 7.1W Model number / **(Short)** EOC code: 9290037741 / 872069**30950000** 9290037742 / 872069**30952400**
				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

LEDtube HF T5 HE - 600mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 600mm 7.1W Model number / **(Short)** EOC code: 9290037741 / 872069**30950000** 9290037742 / 872069**30952400** 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	
	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	
	D14.3-23051E		1	
TCI	BTL 414		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

General note for 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 the product is only tested with HF ballast on AC operation. The performance of the product on HF ballasts with DC operation is not tested and is therefore not guaranteed.
The product 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 the product 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 dierent applications. This document focuses on the behaviour of above mentioned product.
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/documentation

LEDtube HF T5 HE - 900mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 900mm 11.5W Model number / **(Short)** EOC code: 9290035968 / 8720169**30962301** 9290035969 / 8720169**30964700** AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-MATCHBOX BLUE 121 LH TL5	9137004183	1	** / (1)
	HF-E 121 TL5 II	9137130416	1	**
	EB-Ci 1-2 14-28W	9137130432	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	9137130310	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	9137130310	1	
	HF-R Es 114-35 TL5	9137006616	1	Dim (4)
	HF-R 121 TL5 220-240	9137001288	1	**
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006708	1	Dim (3)
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1	Dim (3)
	HF-R 114-35 TL5 EII	9137006198	1	
	HF-S 114-35 TL5 II	9137130429	1	
	HF-S 1 14-35 TL5 HE II	9137130420	1	
	HF-P 1 14-35 TL5 HE EII 220-240	9137006129	1	*
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	EB-Ci 1-2 14-28W	9137130432	2	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	
	HF-S 2 14-35 TL5 HE II	9137130421	2	
	HF-R Es 214-35 TL5	9137006617	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	*
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006709	2	Dim (1) (3)
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	Dim (4)
	HF-R 214-35 TL5 EII	9137006195	2	Dim (3)
	HF-S 214-28 TL5 II	9137130430	2	
	HF-S 3/414 TL5 II	9137130330	3	*
	HF-Pi I 14/21/24/39 TL5 EII 220-240	9137006240	1	
	HF-S 114-21 TL5 II	9137130328	1	
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

LEDtube HF T5 HE - 900mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 900mm 11.5W Model number / **(Short)** EOC code: 9290035968 / 8720169**30962301** 9290035969 / 8720169**30964700**
				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

General note for LEDtube HF T5 HE - 900mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
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Dimming a LEDtube: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp

LEDtube HF T5 HE - 1200mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 1200mm 17.1W Model number / **(Short)** EOC code: 9290037744 / 8720169**30954800** 9290037745 / 8720169**30956200**
				AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-P 128 TL5 220-240	9137001366	1	
	EB-C 128 TL5 II	9137130404	1	
	EB-C 228 TL5 II	9137130406	2	
	HF-S 128-35 TL5 II	9137130332	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	*
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	
	EB-C 128 TL5	9137131964	1	
	EB-Ci 1-2 14-28W	9137130432	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	9137130310	1	
	HF-P 1 14-35 TL5 HE III IDC C2E	9137130310	1	
	HF-R Es 114-35 TL5	9137006616	1	
	HF-R 114-35 TL5 EII	9137006198	1	
	BLUE 128 LH TL5	9137004199	1	**
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	
	HF-S 114-35 TL5 II	9137130429	1	
	HF-S 1 14-35 TL5 HE II	9137130420	1	
	HF-P 1 14-35 TL5 HE EII 220-240	9137006129	1	**
	HF-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1	
	EB-C 128 TL5 II	9137130404	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	
	EB-C 228 TL5	9137131971	2	
	EB-Ci 1-2 14-28W	9137130432	2	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	*
	HF-S 2 14-35 TL5 HE II	9137130421	2	*
	HF-R Es 214-35 TL5	9137006617	2	
	HF-R T 228 TL5 220-240	9137001863	2	**
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	
	HF-R 214-35 TL5 EII	9137006195	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	
	HF-S 214-28 TL5 II	9137130430	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	
	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

LEDtube HF T5 HE - 1200mm

Ballast Compatibility List

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

HF
Works with
High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 1200mm 17.1W Model number / **(Short)** EOC code: 9290037744 / 8720169**30954800** 9290037745 / 8720169**30956200** 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	
GELEC	CDZ128LY10		1	**
THORN	GM128		1	
OTHERS	Direct mains			

(1) Do not use in closed luminaires

General note for 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 the product is only tested with HF ballast on AC operation. The performance of the product on HF ballasts with DC operation is not tested and is therefore not guaranteed.
The product 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 the product 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 dierent applications. This document focuses on the behaviour of above mentioned product.
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/documentation

LEDtube HF T5 HE - 1500mm

Ballast Compatibility List

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

HF
Works with
High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 1500mm 20.5W Model number / **(Short)** EOC code: 9290037747 / 872016930958600 9290037748 / 872016930960900 **AC (50 Hz) on HF Ballast Compatible**
PHILIPS	HF-S 128-35 TL5 II	9137130332	1	
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	
	HF-Ri TD 1 28/35/49/54 TL5 E+	9137006956	1	
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1	
	HF-Ri TD 1 35/49/80 TL5 E+	9137006957	1	
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	
	HF-P 1 14-35 TL5 HE III IDC 4CIC	9137130310	1	*
	HF-P 1 14-35 TL5 HE III IDC C2E	9137130310	1	*
	HF-R Es 114-35 TL5	9137006616	1	
	HF-R 114-35 TL5 EII	9137006198	1	
	HF-P 135 TL5 220-240	9137001367	1	
	HF-P 135 TL5 220-240	9137001726	1	
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	
	HF-S 114-35 TL5 II	9137130429	1	
	HF-S 1 14-35 TL5 HE II	9137130420	1	
	HF-P 1 14-35 TL5 HE EII 220-240	9137006129	1	**
	HF-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1	
	HF-P 235 TL5 220-240	9137001212	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	
	HF-Pi 2 28/35/49/80 TL5 EII	9137006526	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006958	2	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	**
	HF-S 2 14-35 TL5 HE II	9137130421	2	**
	HF-R Es 214-35 TL5	9137006617	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	
	HF-R 214-35 TL5 EII	9137006195	2	
	HF-Ri TD 2 28/35/49/54 TL5 E+	9137006561	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006709	2	
	HF-Ri TD 1 14/21/24/39 TL5 E+	913700608	1	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	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	

LEDtube HF T5 HE - 1500mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 HF 1500mm 20.5W Model number / **(Short)** EOC code: 9290037747 / 872016930958600 9290037748 / 872016930960900 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			

(1) Do not use in closed luminaires

General note for 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 the product is only tested with HF ballast on AC operation. The performance of the product on HF ballasts with DC operation is not tested and is therefore not guaranteed.
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Although Signify aims to provide the most accurate information and test results from controlled experiments the results may vary in dierent applications. This document focuses on the behaviour of above mentioned product.
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/documentation

LEDtube Universal T8 – 600mm

Ballast Compatibility List

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	10nc / Ref. no.	Lamps on ballast	LED T8 UN 600mm 8W Model number / **(Short)** EOC code: 9290024199C / 872016**30946300** AC (50Hz) on HF Ballast Compatible
PHILIPS	HF-P 118 TLD III IDC	9137130312	1	
	HF-P 218 TLD III IDC	9137130313	2	*
	HF-S 118 TLD II	9137130320	1	
	HF-S 218 TL-D II 220-240V 50/60Hz	9137130323	2	*
	HF-S 3/4x18 TLD II	9137130326	3	
	HF-S 3/4x18 TLD II	9137130326	4	*
	HF-Matchbox 1x18 Blue	9137004180 / 9137004179	1	
	HF-Matchbox 1x18 RED	9137004234	1	
	HF-P 3/4x18 TLD III IDC	9137130314	3	
	HF-P 3/4x18 TLD III IDC	9137130314	4	
	HF-S 118/136 TL-D II	9137130321	1	
	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1	
	EB-C 118 TLD 220	9137131990	1	
	EB-E 118 TLD 220	9137100604	1	
	HF-R 118 TLD EII	9137006203	1	
	HF-P 118 TLD EII 220-240	9137001910	1	
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	
	EB-Ci 1-2 36w/1-4 18W	9137130431	1	
	HF-P 218/236 TL-D III	9137130316	2	*
	HF-S 218/236 TL-D II	9137130324	2	
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
	EB-C 218 TLD 220	9137131991	2	
	EB-Ci 1-2 36w/1-4 18W	9137130431	2	
	HF-R 318 TL-D EII	9137006295	3	
	EB-C 318 TLD 220	9137131975	3	
	HF-R 418 TL-D EII	9137006146	4	
	EB-C 418 TLD 220	9137131973	4	
	EB-Ci 1-2 36w/1-4 18W	9137130431	3	
	EB-Ci 1-2 36w/1-4 18W	9137130431	4	*
	HF-P 3/4 18 TLD EII 220-240	9137001919	3	
	HF-P 3/4 18 TLD EII 220-240	9137001919	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	
	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	
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	

LEDtube Universal T8 - 600mm

Ballast Compatibility List

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.

				LED T8 UN 600mm 8W
				Model number / **(Short)** EOC code: 9290024199C / 872016**30946300**
	Ballast type	**10nc / Ref. no.**	**Lamps on ballast**	**AC (50Hz) on HF Ballast Compatible**
BAG-HUECO	BCS18.1FX-11/220-240	10077588	1	
	BCS18.2FX-11/220-240	10077589	2	
	BCS18.3-4LR-01/220-240 3lamp	10050999	3	
	BCS18.3-4LR-01/220-240 4lamp	10050999	4	
Others	Direct mains			
	Electro Magnetic Ballast			

General note Philips LEDtube Universal

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

For HF ballast connection: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes Universal T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes Universal T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. This document is for information purposes only and must be treated as recommendation. 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 HF 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/documentation

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

For EM ballasts connection: Please refer to the installation guide printed on package.

LEDtube Universal T8 – 1200mm

Ballast Compatibility List

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
	Ballast LEDtube combination not tested

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	LED T8 UN 1200mm 18W Model number / **(Short)** EOC code: 9290018693D / 872016930942500
				AC (50 Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1	
	EB-S 236 TL-D 220-230	9137130216	2	
	HF-B 136 TLD 220-240	9137001122	1	* *
	HF-B 136 TLD EII 220-240	9137001926	1	* *
	HF-B 236 TL-D 220-240	9137001124	2	* *
	HF-B 236 TLD EII 220-240	9137001928	2	*
	HF-E 136 TL-D II	9137130410	1	
	HF-E 236 TL-D	9137130391	2	
	HF-E 236 TL-D II	9137130411	2	
	HF-K 136 TLD 220-240	9137001477	1	*
	HF-P 136 TL-D III IDC	9137130315	1	*
	HF-P 236 TL-D III IDC	9137130316	2	*
	HF-P 336 TL-D III IDC	9137130317	3	
	HF-P Xt 136 TLD EII 220-240	9137006177	1	* *
	HF-P XT 236 TLD EII 220-240	9137006178	2	
	HF-P 136 TLD EII 220-240	9137001911	1	*
	HF-P 236 TLD 230-240	9137001112	2	* *
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	
	HF-R 136 TL-D EII	9137006092	1	
	HF-R 236 TL-D EII	9137006093	2	
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1	
	HF-Ri TD 1 14/21/24/39TL5 E+	9137006983	1	
	HF-S 136 TL-D II	9137130321	1	* *
	HF-S 236 TL-D II	9137130324	2	
	HF-S 336 TL-D II	9137130327	3	
	HF-P 118/136 TL-D III	9137130315	1	
	HF-S 118/136 TL-D II	9137130321	1	* *
	HF-P 136 TLD 220-240	9137001727	1	*
	HF-P 138 TLD 220-240	9137001220	1	
	HF-P 218/236 TL-D III	9137130316	2	*
	HF-S 218/236 TL-D II	9137130324	2	*
	EL-B 236 TLD 220-240	444100085821	2	
	HF-P 236 TLD 220-240	9137001187	2	
	EB-Ci 1-2 36w/1-4 18W	9137130431	2	*
	EB-Ci 1-2 36w/1-4 18W	9137130431	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	
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	* *

LEDtube Universal T8 – 1200mm

Ballast Compatibility List

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
	Ballast LEDtube combination not tested

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	LED T8 UN 1200mm 18W Model number / **(Short)** EOC code: 9290018693D / 872016930942500 **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		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	

General note Philips LEDtube Universal

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

For HF ballast connection: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes Universal T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes Universal T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. This document is for information purposes only and must be treated as recommendation. 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 HF 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/documentation

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

For EM ballasts connection: Please refer to the installation guide printed on package.

LEDtube Universal T8 – 1500mm

Ballast Compatibility List

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
	Ballast LEDtube combination not tested

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	LED T8 UN 1500mm 23W Model number / **(Short)** EOC code: 9290018696D / 872016**30944900**
				AC (50 Hz) on HF Ballast Compatible
PHILIPS	EI 158 TL-D 220-240	9137 006 075	1	
	HF-B 158 TLD 220-240	9137 001 123	1	
	HF-B 158 TLD EII 220-240	9137 001 927	1	
	HF-B 258 TLD 220-240	9137 001 125	2	
	HF-B 258 TL-D EII 220-240	9137 001 929	2	
	HF-E 158 TL-D	9137 130 389	1	
	HF-E 1/2 58 TL-D II	9137 130 409	2	
	HF-E 1/2 58 TL-D II	9137 130 409	1	
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1	
	HF-P 158 TLD EII 220-240	9137 001 912	1	
	HF-P 158 TL-D III IDC	9137 130 318	1	
	HF-P 258 TLD EII 220-240	9137 001 916	2	
	HF-P 258 TL-D III IDC	9137 130 319	2	
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	
	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	
	HF-P 158 TLD 220-240	9137 001 185	1	
	HF-P 258 TLD 230-240	9137 001 110	2	
	HF-R 258 TLD 220-240	9137 001 119	2	
	HF-R 158 TLD EII	9137 006 094	1	
	HF-R 258 TLD EII	9137 006 095	2	
	HF-R TD 258 TLD EII 220-240	9137 006 070	2	
	HF-RiTD 1 28/35/49/54TL5 E+	9137006956	1	
	HF-P 158 TLD 230-240	9137001111	1	
	HF-RiTD 2 28/35/49/54TL5 E+	9137006958	2	
	HF-S 158		1	*
	HF-S 158 TL-D II	9137 130 322	1	
	HF-S 258 TL-D II	9137 130 325	2	
	HF-S 258 TL-D II HT	9137 006 899	2	
	HF-S 158 TLD 220-240	9137 006 319	1	
	EB-P 258 TLD ICC 220-240	9137 130 210	2	
	HF-P 258 TLD 220-240	9137001206	2	
	HF-S 258 TLD 220-240	9137006452	2	
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1	
	QT Deluxe HF 2x58 230-240 Dim		2	
	QT-FIT8 1x58 - 70		1	
	QT-FIT8 2x58 - 70		2	
	QTP8 1x58		1	
	QTP8 2x58		2	
	QTP-OPTIMAL 1x54-58		1	
	QTP - OPTIMAL 2x54-58		2	
	QT 1X58 DIM		1	
	QT-FIT 5/8 1x54-58		1	
	QT-FIT 5/8 2x54-58		2	
	QT-FIT8 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	

LEDtube Universal T8 – 1500mm

Ballast Compatibility List

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
	Ballast LEDtube combination not tested

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Universal with InstantFit™ technology

	Ballast type	10nc / Ref. no.	Lamps on ballast	LED T8 UN 1500mm 23W Model number / **(Short)** EOC code: 9290018696D / 872016930944900 AC (50 Hz) on HF Ballast Compatible
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86 458 037	1	*
	PC 1/58 T8 PRO	22 176 094	1	
	PC 1x58 T8 PRO lp	22 185 215	1	
	PC 2/58 T8 INDUSTRY	86 458 038	2	
	PC 2x58 E011		2	
	PC 2x58 E011 IDC	22 083 174	2	
	PC 2x58 T8 PRO sl	22 185 218	2	
	PC 1x58 T8 TOP sl	22185224	1	
	PC 2x58 T8 TOP sl	22185227	2	
	PCA 1/58 excel one4all	22 085 286	1	
	PCA 2x58 EXCEL One4all lp	28 000 040	2	
	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	1009 7145	1	
	BCS58.1FX-11/220-240	1007 7592	1	
	BCS58.2FX-11/220-240	1007 7593	2	
	BCS58.2SX-01/220-240	1005 1003	2	
	BCS58.1SR-01/220-240	10051002	1	
	D 58.1-23021 E	166 072	1	
	D 58.2-23021 E	166 082	2	
	SCS58.2SR-11/220-240	166 272	2	
	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	
LUDWIG	ELXe 158.250	172762	1	
Others	Direct Mains (only one single side supply)			
	Electro Magnetic Ballast			

General note Philips LEDtube Universal

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

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

For EM ballasts connection: Please refer to the installation guide printed on package.

LEDtube HF T5 Mini 300mm

Ballast Compatibility List

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)

	Ballast type	12nc	Lamps on ballast	LED T5 mini HF 4W G5 Model number / **(Short)** EOC code: 9290042701 / 872110**306290100** 9290042702 / 872110**306292500** AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-MATCHBOX HF-M 114 TL/PLS/PLC LH		1	*
	HF-MATCHBOX BLUE 114 LH TL/PLS/PLC	9137004217	1	
	HF-S 114-21 TL5 II	9137130328	1	
	HF-P I 14-35 TL5 HE III IDC	9137130310	1	*
OSRAM	QT-ECO 1X4-16/220-240 S	A4896310255	1	*
	QT-ECO 1X4-16/220-240 L	A48977B00DG	1	*
	QT-FIT5 1x14-35	AA74715035501	1	
	QTP5 1x14-35	AA334230455	1	
	QT-ECO 1X4-16/220-240 S	A48978F0455	1	*
	QTP-D/E 1X10-13	A57059100DG	1	
HELVAR	EL1X14-35ngn5	4017001H28101572	1	
	EL1X14-35s	430600D42003573	1	
TRIDONIC ATCO	PCA 1X11/13 TC ECO	22185126	1	
	PC 1/14-35/24/39 T5 PRO-M Ip	22176182	1	
	PC 1/14-35/49/54 T5 PRO-M Ip	22176183	1	
	PC 1X5-16W BASIC	24138830	1	
	PC 1x5-16W BASIC sl	24138833	1	
	PC 1x4-13 W BASIC	24138831	1	
VOSSLOH-SCHWABE	ELXc 135.220	188921	1	
	LN13.313 220V 50Hz	163711	1	
	ELXs121.901	188663	1	*
	ELXs121.904	188664	1	
BAG-HUECO	BCS21.1-2QI-01/220-240	10095743	1	
	BCS21.1-2QI-01/220-240	10095743	2	
	EBS21.1M-01/220-240	10050994	1	*
	BCS35.1FX-11/220-240	10077579	1	
	BCD35.1F-01/220-240/1-10V	10097244	1	* *
TCI	BCC 121	137946HTC	1	
	BCC 121/2 SL	137944/21H	1	
	BCC 121 SL	137944B/21H	1	
	BCC 121 IP54	137969IP21MM	1	*
	MBQ 113/2	137968/113	1	
	MBQ 213/2	137968/213	2	
Others	Direct mains 220-240 ACV			

General note for LEDtube HF T5 Mini 300mm

General notes: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that the product is only tested with HF ballast on AC operation. The performance of the product on HF ballasts with DC operation is not tested and is therefore not guaranteed.
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Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

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LEDtube HF T5 Mini 530mm

Ballast Compatibility List

KEY

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

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HF
Works with
High Frequency ballast (HF)

	Ballast type	12nc	Lamps on ballast	LED T5 mini HF 7W G5 Model number / **(Short)** EOC code: 9290042703 / 872110**306294900** 9290042704 / 872110**306296300**
				AC (50 Hz) on HF Ballast Compatible
PHILIPS	HF-MATCHBOX HF-M 114 TL/PLS/PLC LH		1	
	HF-MATCHBOX BLUE 114 LH TL/PLS/PLC	9137004217	1	
	HF-S 114-21 TL5 II	9137130328	1	
	HF-P I 14-35 TL5 HE III IDC	9137130310	1	
OSRAM	QT-ECO 1X4-16/220-240 S	A4896310255	1	
	QT-ECO 1X4-16/220-240 L	A48977B00DG	1	
	QT-FIT5 1x14-35	AA74715035501	1	
	QTP5 1x14-35	AA334230455	1	
	QT-ECO 1X4-16/220-240 S	A48978F0455	1	
	QTP-D/E 1X10-13	A57059100DG	1	
HELVAR	EL1X14-35ngn5	4017001H28101572	1	
	EL1X14-35s	430600D42003573	1	*
TRIDONIC ATCO	PCA 1X11/13 TC ECO	22185126	1	
	PC 1X5-16W BASIC	24138830	1	
	PC 1x5-16W BASIC sl	24138833	1	
	PC 1/14-35/24/39 T5 PRO-M lp	22176182	1	
	PC 1x4-13 W BASIC	24138831	1	
	PC 1/14-35/49/54 T5 PRO-M lp	22176183	1	
VOSSLOH-SCHWABE	ELXs121.901	188663	1	
	ELXs121.904	188664	1	
	ELXc 135.220	188921	1	
	LN13.313 220V 50Hz	163711	1	
BAG-HUECO	BCS21.1-2QI-01/220-240	10095743	1	
	BCS21.1-2QI-01/220-240	10095743	2	
	EBS21.1M-01/220-240	10050994	1	
	BCS35.1FX-11/220-240	10077579	1	*
	BCD35.1F-01/220-240/1-10V	10097244	1	*
TCI	BCC 121	137946HTC	1	
	BCC 121/2 SL	137944/21H	1	
	BCC 121 SL	137944B/21H	1	
	BCC 121 IP54	137969IP21MM	1	*
	MBQ 113/2	137968/113	1	
	MBQ 213/2	137968/213	2	
Others				

General note for LEDtube HF T5 Mini 530mm

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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