

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

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			LED T5 HF 1200mm 16.5W
			Model number / EOC code: 9290013910B / 872016925456500 9290013911B / 872016925458900
			AC (50Hz) on HF Ballast Compatible
PHILIPS	Ballast type	12nc	Lamps on ballast
	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 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 28/35/49/80 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
	HF-R Es 114-35 TL5	9137006616	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
	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	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



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	Ballast type	12nc	Lamps on ballast
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
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
	ELXd 154.603	188332	1
	ELXc 254.636	188949	2
	ELXd 254.612	188341	2
ELXd 254.604z	188333	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
	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
ELT	BE - 214-35 - T5		2
GELEC	CDZ128LY10		1
Others	Direct mains		

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LED T5 HF 1200mm 16.5W

Model number / EOC code:
9290013910B / 872016925456500
9290013911B / 872016925458900

AC (50Hz) on HF Ballast Compatible

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**** (1)**

*** (1)

** / Dim (1) (3)

Dim (3)

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- (1) Do not use in closed luminaires
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- (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 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 different 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

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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Ballast type		12nc	Lamps on ballast
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-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-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-Ri TD 1 28-35-49-54 TL5 E+	9137006560	1
	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 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+	9137006708	1
HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983	1	
HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	
HF-P 135 TL5 220-240	9137001726	1	
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 DALI 2x35/49 Dim		2
	Qti 2x35/49/80 Dim		2
	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 Ip	22185080	1
	PC 2x35 T5 TOP Ip (28000047)	28000047	2
	PC 2x35 T5 TOP Ip (87500292)	87500292	2
	PCA 2x35 T5 BASIC Ip	22185081	2
	PC 2/35 T5 INDUSTRY	86459172	2
	PC 1x14-35 T5 TOP Ip	22185157	1
	PC 1/14-21-28-35 T5 PRO Ip	22087725	1
	PC 1/14-21-28-35 T5 PRO Ip	22176096	1
	PC 2x14-35 T5 PRO Ip	22185148	2
	PCA 1x35/49/80 T5 ECO Ip	22185096	1
	PCA 1x35/49/80 T5 EXCEL one4all Ip	22185105	1
	PCA 1x35/49/80 T5 EXCEL one4all Ip	22176172	1
	PCA 2x35/49 T5 EXCEL one4all Ip	22185106	2
	PCA 2x35/49 T5 ECO Ip	22185097	2
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1

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- (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 - 1500 mm

Ballast Compatibility



KEY

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			LED T5 HF 1500mm 20W
			Model number / EOC code: 9290013913B / 872016925460200 9290013914B / 872016925462600
			AC (50Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	Ballast type	12nc	Lamps on ballast
	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
	ELXc 280.637	188950	2
	ELXd 249.606	188335	2
	ELXd 280.630	188604	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
	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
	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		

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