



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
Dim	Ballast is not compatible

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	Ballast type	12nc	Lamps on ballast
PHILIPS	HF-MATCHBOX BLUE 121 LH TL5	9137004183	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
	HF-R 121 TL5 220-240	9137001288	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
	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
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	
HF-S 3/414 TL5 II	9137130330	3	
HF-PI 1 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
	QTI DALI 1x21/39 Dim		1
	QTI 2x21/39 Dim		2
	QTI DALI 2x21/39 Dim		2
HELLVAR	EL1x14-35ngn5		1
	EL2x14-35ngn5		2
	EL2x14-35iDim		2
	EL2x14-35s		2
TRIDONIC ATCO	PC 1x21 T5 TEC Ip	87500217	1
	PC 1x14-35 T5 TOP Ip	22185157	1
	PC 1x14-35 T5 PRO Ip	22185147	1
	PC 1x14-21W BASIC sI	22176001	1
	PC 1/14-21-28-35 T5 PRO Ip	22087725	1
	PC 1/14-21-28-35 T5 PRO Ip	22176096	1
	PC 2x14-28 T5 TOP Ip	22185158	2
	PC 2x14-35 T5 PRO Ip	22185148	2
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2
	PCA 1x21/39 T5 ECO IP	22185101	1
	PCA 1x21/39 T5 EXCEL one4aII Ip	22185110	1
	PC 2/14-21/24/39 T5 PRO-M Ip	22176185	2

[illegible]

- (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



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	Ballast type	12nc	Lamps on ballast
VOSSLON-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
	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
TCL	BTL 414	137999/414L	3
ELT	BE - 214-35 - T5		2
Others	Direct mains		

[illegible]

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General notes Philips Master LEDtube HF InstantFit HE T5

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

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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