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# MASTER LEDtube HF InstantFit T5 UO - 1500 mm



## Ballast Compatibility

### KEY

<span style="background-color: #92d050; border: 1px solid black; padding: 2px;"> </span>	Ballast is compatible
<span style="background-color: #ffff99; border: 1px solid black; padding: 2px;"> </span>	Ballast is compatible, light output may differ >10% compared to specifications
<span style="background-color: #92d050; border: 1px solid black; padding: 2px;">*</span>	Ballast is compatible and conditional released for dimming
<span style="background-color: #800000; border: 1px solid black; padding: 2px;"> </span>	Ballast is not compatible
<span style="background-color: #d3d3d3; border: 1px solid black; padding: 2px;"> </span>	Ballast LEDtube combination not tested

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



	Ballast type	10nc / Ref. no.	Lamps on ballast
PHILIPS	HF-P 2 80 TL5/PL-L III IDC	9137 130 343	2
	HF-P I 80 TL5/PL-L III IDC	9137 130 342	1
	HF-P Xt 180 TL5 EII 220-240	9137 006 301	1
	HF-P Xt 280 TL5 EII 220-240	9137 006 302	2
	HF-R 180 TL5/PLL EII	9137 006 090	1
	HF-R 280 TL5/PLL EII 220-240	9137 006 091	2
	HF-R TD 180 TL5/PLL 220-240	9137 006 066	1
	HF-R TD 280 TL5/PL-L EII	9137 006 096	2
HF-S 2 80 TL5/PL-L II	9137 130 423	2	
OSRAM	QT-FQ 1x80/230-240		1
	QT-FQ 2x80		2
	QTP5 1x80		1
HELVAR	EL1x80iDim		1
	EL1x80sc		1
	EL2x80iDim		2
TRIDONIC-ATCO	PC 1/80 T5 INDUSTRY	89800460	1
	PC 1x80 T5 PRO Ip	22185209	1
	PC 2/80 T5 INDUSTRY	89800461	2
	PC 2x80 T5 PRO Ip	22185210	2
	PCA 1x80 T5 BASIC Ip	22185084	1
	PCA 2x80 T5 BASIC Ip	22185085	2
	PCA 2x80 T5 ECO Ip	22185098	2
	PCA 2x80 T5 EXCEL one4all Ip	22185107	2
VOSSLOH-SCHWABE	ELXc 180.866	188144	1
	ELXc 280.538	188619	2
BAG-HUECO	BCS80.1FX-11/220-240	10077587	1
	BCS80.2FX-11/220-240	10095407	2
Others	Direct mains		

MAS LEDtube HF 1500mm UO 36W 8x T5	
Model number: 9290013461 9290013462 9290013463	
AC (50 Hz) on HF Ballast Compatible	
	*
	* / Dim
	* / Dim

### General note Philips Master LEDtube HF InstantFit T5 UO

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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



# MASTER LEDtube HF InstantFit HE T5 - 1200mm



## Ballast Compatibility

### KEY

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

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



	Ballast type	12nc	Lamps on ballast
PHILIPS	EB-C 128 TL5	9137131964	1
	EB-C 228 TL5	9137131971	2
	EB-Ci 1-2 14-28W	9137130432	1
	EB-Ci 1-2 14-28W	9137130432	2
	HF-P 1 14-35 TL5 HE III IDC	9137130310	1
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2
	HF-S 2 14-35 TL5 HE II	9137130421	2
	HF-R Es 114-35 TL5	9137006616	1
	HF-R Es 214-35 TL5	9137006617	2
	HF-R T 228 TL5 220-240	9137001863	2
OSRAM	QT-FIT5 1x14-35		1
	QT-FIT5 2x14-35		2
	QTP5 1x14-35		1
	QTP5 2x14-35		2
	EZ-T5 1x28/220		1
	EZP5 1x28/220-230		1
	EZP5 2x28/220-230		2
HELVAR	EL1x14-35ngn5		1
TRIDONIC-ATCO	PC 1x14-35 T5 TOP Ip	22185157	1
	PC 2x14-28 T5 TOP Ip	22185158	2
	PC 1x14-35 T5 PRO Ip	22185147	1
	PC 2x14-35 T5 PRO Ip	22185148	2
VOSSLOH-SCHWABE	ELXc 135.220	188921	1
BAG-HUECO	BCS35.1FX-11/220-240	10077579	1
Others	Direct mains		

MAS LEDtube HF 1200mm HE 16.5W 8xx T5
Model number: 9290013910 9290013911 9290013912
AC (50 Hz) on HF Ballast Compatible
*
*
*
Dim
Dim
Dim
*
*
*
(1)
*

(1) Tridonic PC 1x14-35 T5 PRO Ip 22185147 versions released / luminaires installed after 2014: compatible  
Tridonic PC 1x14-35 T5 PRO Ip 22185147 versions released / luminaires installed until 2014: not compatible

### General note Philips Master LEDtube HF InstantFit HE T5

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

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

# MASTER LEDtube HF InstantFit HE T5 - 1500mm



## Ballast Compatibility

### KEY

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

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	Ballast type	12nc	Lamps on ballast
<b>PHILIPS</b>	HF-P 1 14-35 TL5 HE III IDC	9137130310	1
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2
	HF-S 2 14-35 TL5 HE II	9137130421	2
	HF-R Es 114-35 TL5	9137006616	1
	HF-R Es 214-35 TL5	9137006617	2
<b>OSRAM</b>	QT-FIT5 1x14-35		1
	QT-FIT5 2x14-35		2
	QTP5 1x14-35		1
	QTP5 2x14-35		2
<b>HELVAR</b>	EL1x14-35ngn5		1
<b>TRIDONIC ATCO</b>	PC 1x14-35 T5 TOP Ip	22185157	1
	PC 2x35 T5 TOP Ip	28000047	2
	PC 1x14-35 T5 PRO	22185147	1
	PC 2x14-35 T5 PRO Ip	22185148	2
<b>VOSSLOH-SCHWABE</b>	ELXc 135.220	188921	1
<b>BAG-HUECO</b>	BCS35.1FX-11/220-240	10077579	1
<b>Others</b>	Direct mains		

<b>MAS LEDtube HF 1500mm HE 20W 8x T5</b>
<b>Model number: 9290013913 9290013914 9290013915</b>
<b>AC (50 Hz) on HF Ballast Compatible</b>
* / Dim
* / Dim
*
(1)
*

(1) Tridonic PC 1x14-35 T5 PRO Ip 22185147 versions released / luminaires installed after 2014: compatible  
Tridonic PC 1x14-35 T5 PRO Ip 22185147 versions released / luminaires installed until 2014: not compatible

### General note Philips Master LEDtube HF InstantFit HE T5

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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





# MASTER LEDtube HF InstantFit T8 - 1200 mm



## Ballast Compatibility

### KEY

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

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	Ballast type	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HO, InstantFit T8 2100 lm	MASTER LEDtube 1200mm HF UO, InstantFit T8 2500 lm
				Model number: 9290012263	Model number: 9290012843A 9290012841A 9290012842A	Model number: 9290013002A 9290013000A 9290013001A
				AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EB-C 136 TL-D 220-240	9137131992	1			
	HF-B 136 TLD 220-240	9137001122	1		*	*
	HF-B 136 TLD EII 220-240	9137001926	1		*	*
	HF-B 236 TL-D 220-240	9137001124	2		*	*
	HF-B 236 TLD EII 220-240	9137001928	2		*	*
	HF-E 136 TL-D II	9137130410	1			
	HF-E 236 TL-D	9137130391	2			
	HF-E 236 TL-D II	9137130411	2			
	HF-K 136 TLD 220-240	9137001477	1		*	*
	HF-P 136 TL-D III IDC	9137130315	1			
	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 114/21/24/39 TL5 EII 220-240	9137006240	1			
	HF-R 136 TL-D EII	9137006092	1		Dim	Dim
	HF-R 236 TL-D EII	9137006093	2			
	HF-R 136 TL-D 220-240V 50/60Hz	9137001117	1			
	HF-Ri TD 114/21/24/39TL5 E+	9137006983	1			
	HF-Ri TD 214/21/24/39TL5 E+	9137006984	2			
HF-S 136 TL-D II	9137130321	1		*	*	
HF-S 236 TL-D II	9137130324	2		*	*	
HF-S 336 TL-D II	9137130327	3		*	*	
HF-P 118/136 TL-D III	9137130315	1				
HF-S 118/136 TL-D II	9137130321	1		*	*	
HF-P 218/236 TL-D III	9137130316	2				
HF-S 218/236 TL-D II	9137130324	2				
OSRAM	QT-FIT8 1x36		1		*	*
	QT-FIT8 2x36		2		*	*
	QTP8 1x36		1		*	*
	QTP8 2x36		2		*	*
	QTP-OPTIMAL 1x18-40		1		*	*
	QTP-OPTIMAL 2x18-40		2		*	*
	QT-FIT 5/8 2x18-39		2		*	*
HELVAR	EL1x36/40/18S		1		*	*
	EL1x36HF		1			
	EL1x36ngn		1		*	*
	EL2x36/40s		2		*	*
	EL2x36ngn		2			

# MASTER LEDtube HF InstantFit T8 - 1200 mm



## Ballast Compatibility

### KEY

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

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			MASTER LEDtube HF 1200mm 16.5W 833 T8 MEAT	MASTER LEDtube 1200mm HF HO, InstantFit T8 2100 lm	MASTER LEDtube 1200mm HF UO, InstantFit T8 2500 lm
			Model number: 9290012263	Model number: 9290012843A 9290012841A 9290012842A	Model number: 9290013002A 9290013000A 9290013001A
			AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
Ballast type	10nc / Ref. no.	Lamps on ballast			
<b>TRIDONIC ATCO</b>	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		
<b>VOSSLÖH-SCHWABE</b>	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		
<b>BAG-HUECO</b>	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		
<b>Trilux</b>	D36.2-23021 E		2		
	D58.1-23021E		1		
	DD58.1-23031E		1		
<b>Others</b>	EM ballast		1		
	Direct Mains		1		

### General note Philips Master LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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

# MASTER LEDtube HF InstantFit T8 - 1500 mm



## Ballast Compatibility

### KEY

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

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	Ballast type	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube 1500mm HF HO, Instant Fit T8 3100 lm		MASTER LEDtube 1500mm HF UO, Instant Fit T8 3700 lm	
				Model number: 9290012846A 9290012844A 9290012845A	Model number: 9290013005A 9290013003A 9290013004A	AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
PHILIPS	EI 158 TL-D 220-240	9137 006 075	1				
	HF-B 158 TLD 220-240	9137 001 123	1				
	HF-B 158 TLD EII 220-240	9137 001 927	1	*	*	*	*
	HF-B 258 TLD 220-240	9137 001 125	2	*	*	*	*
	HF-B 258 TL-D EII 220-240	9137 001 929	2	*	*	*	*
	HF-E 158 TL-D	9137 130 389	1				
	HF-E 1/2 58 TL-D II	9137 130 409	2				
	HF-E 1/2 58 TL-D II	9137 130 409	1	*	*	*	*
	HF-P 154/155 TL5 HO/PL-L III IDC	9137 130 282	1				
	HF-P 158 TLD EII 220-240	9137 001 912	1	*	*	*	*
	HF-P 158 TL-D III IDC	9137 130 318	1				
	HF-P 258 TLD EII 220-240	9137 001 916	2	*	*	*	*
	HF-P 258 TL-D III IDC	9137 130 319	2				
	HF-P Xt 158 TLD EII 220-240	9137 006 179	1	*	*	*	*
	HF-P Xt 258 TL-D EII 220-240	9137 006 180	2	*	*	*	*
	HF-P 158 TLD 220-240	9137 001 185	1				
	HF-P 258 TLD 220-240	9137 001 110	2	*	*	*	*
	HF-R 258 TLD 220-240	9137 001 119	2				
	HF-R 158 TLD EII	9137 006 094	1	Dim/**	Dim	Dim	Dim
	HF-R 258 TLD EII	9137 006 095	2	Dim	Dim	Dim	Dim
	HF-RITD 1 28/35/49/54TL5 E+	9137006956	1				
	HF-RITD 2 28/35/49/54TL5 E+	9137006958	2				
	HF-S 158		1	*	*	*	*
	HF-S 158 TL-D II	9137 130 322	1				
HF-S 258 TL-D II	9137 130 325	2					
HF-S 258 TL-D II HT	9137 006 899	2					
HF-S 158 TLD 220-240	9137 006 319	1					
EB-P 258 TLD ICC 220-240	9137 130 210	2	*	*	*	*	
HF-P 258 TLD 220-240	9137001206	2					
OSRAM	QT Deluxe HF 1x58 230-240 DIM		1				
	QT Deluxe HF 2x58 230-240 Dim		2				
	QT-FIT8 1x58 - 70		1				
	QT-FIT8 2x58 - 70		2				
	QTP8 1x58		1	*	*	*	*
	QTP8 2x58		2	*	*	*	*
	QTP-OPTIMAL 1x54-58		1				
	QTP-OPTIMAL 2x54-58		2				
	QT 1X58 DIM		1				
	QT-FIT 5/8 1x54-58		1				
	QT-FIT 5/8 2x54-58		2				
QT-FIT8 2x58		2					
HELVAR	EL1x58ngn		1				
	EL1x58s		1				
	EL2x58es		2	*	*	*	*
	EL2x58HF		2				
	EL2x58ngn		2				
	EL2x58s		2				
TRIDONIC ATCO	PC 1/58 T8 INDUSTRY	86 458 037	1	*	*	*	*
	PC 1/58 T8 PRO	22 176 094	1	*	*	*	*
	PC 1x58 T8 PRO lp	22 185 215	1				
	PC 2/58 T8 INDUSTRY	86 458 038	2	*	*	*	*
	PC 2x58 E011		2	*	*	*	*
	PC 2x58 E011 IDC	22 083 174	2				
	PC 2x58 T8 PRO sl	22 185 218	2	*	*	*	*
	PC 1x58 T8 TOP sl	22 185 224	1				
	PC 2x58 T8 TOP sl	22 185 227	2	*	*	*	*
	PCA 1/58 excel one4all	22 085 286	1				
	PCA 2x58 EXCEL One4all lp	28 000 040	2				

# MASTER LEDtube HF InstantFit T8 - 1500 mm



## Ballast Compatibility

### KEY

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

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	Ballast type	10nc / Ref. no.	Lamps on ballast	MASTER LEDtube 1500mm HF HO, Instant Fit T8 3100 lm	MASTER LEDtube 1500mm HF UO, Instant Fit T8 3700 lm
				Model number: 9290012846A 9290012844A 9290012845A	Model number: 9290013005A 9290013003A 9290013004A
				AC (50 Hz) on HF Ballast Compatible	AC (50 Hz) on HF Ballast Compatible
VOSSLOH-SCHWABE	ELXc 158.201	188315	1		
	ELXc 158.209	188706	1		
	ELXc 158.218	188870	1		
	ELXc 258.203	188317	2		
	ELXc 258.210	188707	2		
	ELXc 258.219	188871	2		
	ELXe 258.222	188130	2		
	ELXe 258.222	188130	1		
	ELXe 158.524	188024	1		
BAG-HUECO	BCD58.1F-01/220-240/1-10V	1009 7145	1		
	BCS58.1FX-11/220-240	1007 7592	1		
	BCS58.2FX-11/220-240	1007 7593	2		
	BCS58.2SX-01/220-240	1005 1003	2		
	D 58.1-23021 E	166 072	1		
	D 58.2-23021 E	166 082	2		
	SCS58.2SR-11/220-240	166 272	2		
Trilux	D58.1-23021E		1		
	DD58.1-23031E		1		
May + Christie	MCU 158		1		
	MCU 258		2		
Others	Direct mains				
	Electro Magnetic Ballast				

### General note Philips Master LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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



# MASTER LEDtube Universal T8 - 1200 mm



## Ballast Compatibility

### KEY

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

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



	Ballast type	10nc	Lamps on ballast
<b>VOSSLOH-SCHWABE</b>	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
<b>BAG-HUECO</b>	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
<b>Trilux</b>	D36.2-23021 E		2
	D58.1-23021E		1
	DD58.1-23031E		1
<b>Others</b>	EM ballast		1
	Direct Mains (only one single side supply)		1

<b>MASTER LEDtube 1200mm Universal, Instant Fit 2500lm</b>
<b>Model number: 9290013361 9290013362 9290013360</b>
<b>AC (50Hz) on HF Ballast Compatible</b>

### General note Philips Master LEDtube Universal T8

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

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

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

**Dimming a LEDtube:** Philips MASTER LEDtubes Universal 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.

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



# MASTER LEDtube Universal T8 - 1500 mm



## Ballast Compatibility

KEY

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

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



	Ballast type	10nc	Lamps on ballast
VOSSLOH-SCHWABE	ELXc 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		1
	D 58.1-23021 E	166 072	1
	D 58.2-23021 E	166 082	2
Trilux	D58.1-23021E		1
	DD58.1-23031E		1
	DD58.2-23021E		2
May + Christie	MCU 158		1
	MCU 258		2
Others	Direct Mains (only one single side supply)		
	Electro Magnetic Ballast		

MASTER LEDtube 1500mm Universal, Instant Fit 3700lm
Model number: 9290013364 9290013365 9290013363
AC (50Hz) on HF Ballast Compatible

### General note Philips Master LEDtube Universal T8

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

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

Dimming a LEDtube: Philips MASTER LEDtubes Universal 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.

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









# CorePro LEDtube HF InstantFit T8 - 1200mm



## Ballast Compatibility

### KEY

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

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



	Ballast type	10nc / Ref. no.	Lamps on ballast
VOSSLOH-SCHWABE	ELXc 136.207	188708	1
	ELXc 236.202	188316	2
	ELXc 236.208	188705	2
	ELXe 238.527	188137	2
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1
	BCS36.2FX-11/220-240	10077591	2
	D36.2-23021 E	166132	2
	D 58.1-23021 E	166072	1
	ECS36.2SR-01/220-240	167032	2
Trilux	D58.1-23021E		1
	DD58.1-23031E		1
Others	EM ballast		1
	Direct Mains		1

<b>Corepro LEDtube HF, Instant Fit 1200mm T8 1600lm</b>
<b>Model number: 9290012499 9290011365</b>
<b>AC (50Hz) on HF Ballast Compatible</b>

### General note Philips CorePro LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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

# CorePro LEDtube HF InstantFit T8 - 1500mm



## Ballast Compatibility

### KEY

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

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



Ballast type	10nc / Ref. no.	Lamps on ballast	
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 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 258 TLD 220-240	9137 001 110	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		2
OSRAM	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-FIT 5/8 1x54-58		1
	QT-FIT 5/8 2x54-58		2
HELVAR	EL1x58ngn		1
	EL1x58s		1
	EL2x58es		2
	EL2x58HF		2
	EL2x58ngn		2
	EL2x58s		2
TRIDONIC	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	22 185 224	1
	PC 2x58 T8 TOP sl	22 185 227	2
	PCA 1/58 excel one4all	22 085 286	1
	PCA 2x58 EXCEL One4all lp	28 000 040	2

Corepro LEDtube HF, Instant Fit 1500mm T8 2000lm	
Model number: 9290012497 9290012498	
AC (50Hz) on HF Ballast Compatible	

# CorePro LEDtube HF InstantFit T8 - 1500mm



## Ballast Compatibility

### KEY

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

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



	Ballast type	10nc / Ref. no.	Lamps on ballast
VOSSLOH-SCHWABE	ELXc 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	BCS58.1FX-11/220-240	1007 7592	1
	BCS58.2FX-11/220-240	1007 7593	2
	BCS58.2SX-01/220-240	1005 1003	2
	D 58.1-23021 E	166 072	1
	D 58.2-23021 E	166 082	2
	SCS58.2SR-11/220-240	166 272	2
Trilux	D58.1-23021E		1
	DD58.1-23031E		1
May + Christie	MCU 158		1
	MCU 258		2
Others	Direct mains		
	Electro Magnetic Ballast		

<b>Corepro LEDtube HF, Instant Fit 1500mm T8 2000lm</b>	
<b>Model number: 9290012497 9290012498</b>	
<b>AC (50Hz) on HF Ballast Compatible</b>	
	•
	•
	•
	•
	•
	•
	•

### General note Philips CorePro LEDtube HF InstantFit T8

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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

# CorePro LEDtube Universal HO - 1200mm

## Ballast Compatibility



### KEY

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

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



<b>Corepro LEDtube UN, 1200mm HO 18W8xx T8</b>
<b>Model number: 9290018692 9290018693 9290018694</b>

	Ballast type	10nc / Ref. no.	Lamps on ballast		
<b>PHILIPS</b>	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		
	<b>OSRAM</b>	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		
<b>HELVAR</b>	EL1x36/40/18S		1		
	EL1x36HF		1	•	
	EL1x36ngn		1		
	EL2x36/40s		2		
	EL2x36ngn		2		
<b>TRIDONIC</b>	PC 1/36 T8 INDUSTRY	86458035	1		
	PC 1/36 T8 PRO	22176217	1		
	PC 1x36 T8 PRO lp	22185214	1		
	PC2/36 T8 INDUSTRY	86458036	2	•	
	PC2x36 T8 PRO sl	22185217	2		
	PC 2x36 T8 TOP sl	22185226	2		
	PC 1x36 T8 TOP sl	22185223	1		
	PCI/36 T8 PRO sc	89800008	1		
	PC 3/36 T8 PRO	22176231	3		

# CorePro LEDtube Universal HO - 1200mm

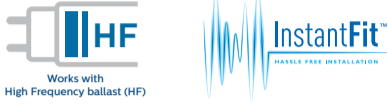


## Ballast Compatibility

### KEY

<span style="background-color: #92d050; border: 1px solid black; padding: 2px;"></span>	Ballast is compatible
<span style="background-color: #92d050; border: 1px solid black; padding: 2px;">•</span>	Ballast is compatible, light output may differ >10% compared to specifications
<span style="background-color: #c00000; border: 1px solid black; padding: 2px;"></span>	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*



<b>Corepro LEDtube UN, 1200mm HO 18W8xx T8</b>
<b>Model number: 9290018692 9290018693 9290018694</b>
<b>AC (50Hz) on HF Ballast Compatible</b>

	Ballast type	10nc / Ref. no.	Lamps on ballast
VOSSLOH-SCHWABE	ELXc 136.207	188708	1
	ELXc 236.202	188316	2
	ELXc 236.208	188705	2
	ELXe 238.527	188137	2
	ELXe 238.527	188137	1
BAG-HUECO	BCS36.1FX-11/220-240	10077590	1
	BCS36.2FX-11/220-240	10077591	2
	D36.2-23021 E	166132	2
	D 58.1-23021 E	166072	1
	ECS36.2SR-01/220-240	167032	2
Trilux	D36.2-23021 E		2
	D58.1-23021E		1
	DD58.1-23031E		1
Others	EM ballast		1
	Direct Mains (only one single side supply)		1

### General note Philips CorePro LEDtube Universal HO

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

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

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

Always check the latest update of the compatibility list on [www.philips.com/ledtube](http://www.philips.com/ledtube)

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

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









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05/2019  
Data subject to change.

[www.philips.com/LEDtube](http://www.philips.com/LEDtube)