

PHILIPS

PL LED Lamps



**Switch to CorePro
PL LED lamps**

**REAL
PROs**
**REAL
QUALITY**

PL Lamps

Core	 Product Positioning	 Value proposition	 Key specs	 Innovation
	PL-L lamps  16.5W 36W replacement 3000K, 4000K 4 pins 	• Energy Efficient light • Long lifetime • Classic look and feel • Great value for money	• 110lm/w • 30,000 hrs lifetime	• Eye comfort optics
	PL-S lamps  5W 9W replacement 3000K, 4000K 2 pins PL-T lamps  18.5W 42W replacement 3000K, 4000K 4 pins 	• Energy Efficient light • Long lifetime • Classic look and feel • Great value for money	• 110lm/w • PLT lamps have Rotatable End Caps • 30,000 hrs lifetime	• Eye comfort optics
	PL-C lamps  6.9W, 8.9W 18W, 26W replacements 3000K, 4000K PL-C 2 pins 6.9W, 9.5W 18W, 26W replacements 3000K, 4000K PL-C 4 pins 	• Energy Efficient light • Long lifetime • Classic look and feel • Great value for money	• 110lm/w • Rotatable End Caps • 30,000 hrs lifetime	• Eye comfort optics

LED PL-C Lamps

CorePro LED PLC integrate an LED light source into a traditional fluorescent form factor. This product is an ideal solution for retrofit in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly. This retrofit solution does not require you to override an existing fluorescent driver.

- LED PLC lamps have rotatable end caps for easier installation
- 4 pin versions operate on HF (high frequency or electronic ballast)
- 2 pin versions operate on EM (electromagnetic or wire wound ballast)



Product Image	Signify product code	Description	Consumption	Brightness	Lifetime	Colour Temperature	Base Cap	Pins	Lamp Width	Lamp Height	Lamp Shape	Dimmable	Customer Order Code
	12NC		W	lm	hrs	K			mm	mm			
4	929003757802	CorePro LED PLC 6.9W 830 4P G24q-2	6.9	700	30,000	3000	G24q-2	4	34	144	PLC	No	LEDPLC6.9W3K4P
	929003757902	CorePro LED PLC 6.9W 840 4P G24q-2	6.9	770	30,000	4000	G24q-2	4	34	144	PLC	No	LEDPLC6.9W4K4P
2	929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	9.5	990	30,000	3000	G24q-3	4	34	164	PLC	No	LEDPLC9.5W3K4P
	929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	9.5	1100	30,000	4000	G24q-3	4	34	164	PLC	No	LEDPLC9.5W4K4P
3	929003757208	LED PLC 6.9W 830 2P G24d-2	6.9	700	30,000	3000	G24d-2	2	34	148	PLC	No	LEDPLC6.9W3K2P
	929003757308	LED PLC 6.9W 840 2P G24d-2	6.9	770	30,000	4000	G24d-2	2	34	148	PLC	No	LEDPLC6.9W4K2P
1	929003757408	LED PLC 8.9W 830 2P G24d-3	8.9	990	30,000	3000	G24d-3	2	34	171	PLC	No	LEDPLC8.9W3K2P
	929003757508	LED PLC 8.9W 840 2P G24d-3	8.9	1100	30,000	4000	G24d-3	2	34	171	PLC	No	LEDPLC8.9W4K2P

LED PL-S Lamps

CorePro LED PL-S integrates a LED light source into a traditional fluorescent form factor. This product is an ideal solution for retrofit in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly. This retrofit solution does not require you to override an existing fluorescent driver.

- PL-S lamps run on electromagnetic ballast (wire wound ballast)



Product Image	Signify product code	Description	Consumption	Brightness	Lifetime	Colour Temperature	Base Cap	Pins	Lamp Width	Lamp Height	Lamp Shape	Dimmable	Customer Order Code
	12NC		W	lm	hrs	K			mm	mm			
	929003756802	CorePro LED PLS 5W 830 2P G23	5	520	30,000	3000	G23	2	33	167	PLS	No	LEDPLS5W3K2P
	929003756902	CorePro LED PLS 5W 840 2P G23	5	550	30,000	4000	G23	2	33	167	PLS	No	LEDPLS5W4K2P

LED PL-L Lamps

CorePro LED PLC integrates a LED light source into a traditional fluorescent form factor. This product is an ideal solution for retrofit in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly. This retrofit solution does not require you to override an existing fluorescent driver.

- PL-L lamps run on High Frequency (electronic ballast)



Product Image	Signify product code	Description	Consumption	Brightness	Lifetime	Colour Temperature	Base Cap	Pins	Lamp Width	Lamp Height	Lamp Shape	Dimmable	Customer Order Code
	12NC		W	lm	hrs	K			mm	mm			
1	929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	16.5	2000	30,000	3000	2G11	4	43	410	PLL	No	LEDPLL16.5W3K4P
	929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	16.5	2100	30,000	4000	2G11	4	43	410	PLL	No	LEDPLL16.5W4K4P

LED PL-T Lamps

CorePro LED PLC integrates a LED light source into a traditional fluorescent form factor. This product is an ideal solution for retrofit in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly. This retrofit solution does not require you to override an existing fluorescent driver.

PL-T lamps have rotatable end caps

PL-T lamps run on High Frequency (electronic ballast)



Product Image	Signify product code	Description	Consumption	Brightness	Lifetime	Colour Temperature	Base Cap	Pins	Lamp Width	Lamp Height	Lamp Shape	Dimmable	Customer Order Code
	12NC		W	lm	hrs	K			mm	mm			
1 	929003576902	CorePro LED PLT HF 18.5W 830 4P G24q-4	18.5	2100	30,000	3000	G24q-4	4	42	155	PLT	No	LEDPLT18.5W3K4P
	929003577002	CorePro LED PLT HF 18.5W 840 4P G24q-4	18.5	2250	30,000	4000	G24q-4	4	42	155	PLT	No	LEDPLT18.5W4K4P

Ballast Compatibility



CorePro LED PLC 6.9W 4P G24q-2 Compatibility

Ballast Type	Order code	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
HF-P 118 PL-T/C III	9137006485	1	
HF-P1/218 PL-T/C III	9137006486	1	
HF-P 218 PL-T/C III 220-240V 50/60Hz	9137006486	2	
HF-M RED 118 SH PLC/PL-T 230-240V	9137004234	1	**
HF-S 218 PL-T/C II SR	9137130358	2	
HF-S 1/218 PL-T/C II SR 220-240V 50/60Hz	9137130358	1	
HF-S 118 PL-T/C II SR 220-240V 50/60Hz	9137130359	1	
HF-P 218 PL-T/C 220-240	9137001553	2	
HF-P 118 PL-T/C EII	9137006309	1	
HF-P 218 PL-T/C EII	9137006310	2	
EB-C 118 PL-T/C 220-240	9137131986	1	
EB-C 218 PL-T/C 220	9137131987	2	
HF-R 218 PL-T/C EII	9137006801	2	
HF-R 118 PL-T/C EII	9137006800	1	
HF-R TD 218 PL-T/C EII 220-240V 50/60Hz	9137006259	2	
HF-R TD 118 PL-T/C EII 220-240V 50/60Hz	9137006260	1	
HF-R 118 PL-T/C 220-240	9137001260	1	
HF-P1/218 PL-T/C III	9137006486	2	
HF-P 118 PL-T/C 220-240	9137001104	1	
HF-R 218 PL-T/C 220-240	9137006050	2	
EB-S 218 PLT/C 220-240	9137100653	2	
HF-S 1/218 PL-T/C II SR 220-240V 50/60Hz	9137130358	2	

Philips

Key

- Ballast is compatible
- (1) Do not use in closed luminaires
- * 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

Ballast Type	Order code	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
QTP-T/E 1X18, 2X18	A72031900DG	1	
QTP-T/E 1X18, 2X18	A72031900DG	2	
QT-ECO T/E 2X18/220-240	A72924F00DG	2	
QTP-T/E 2x18	A57063200DG	2	
QT-D/E 1x18/230-240		1	
EZ-T/E 1x18/220-240	AA403390155	1	
EZ-T/E 2x18/220-240	AA403450155	2	
QT-ECO 1X18-21/220-240s	A4896310255	2	
Qti-T/E 2x18-42 DIM	AA3945305BS	1	
PC 1/2x18 TC PRO sr	22176416	1	*
PC 1/2x18 TC PRO sr	22176416	2	*
PC 1x18 TC TOP	28000073	1	
PC 2x18 TC TOP	28000074	2	
PC 1/2x18 TC PRO	22176407	1	*
PC 1/2x18 TC PRO	22176407	2	*
PC PRO 18 FSQ b101	22082606	1	**
PC 1X18-24W BASIC sl	22176000	1	
PC 2X18 TC TOP sr	28000078	2	
MBQ 118/2	137968/118	1	
MBQ 218/2	137968/218	2	
BCC 121	137946HTC	1	

Osram

Tridonic

TCI



CorePro LED PL-C 6.9 W 2P G24d-2
CorePro LED PL-C 8.9 W 2P G24d-3

Compatibility list is not provided for 2PIN versions, because it is compatible with any electromagnetic ballast

Ballast Compatibility



CorePro LED PLC 9.5W 4P G24q-3 Compatibility

Key

- Ballast is compatible
- (1) Do not use in closed luminaires
- * 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

	Ballast Type	Order code	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
Philips	HF-P 226 PL-T/C III	9137006488	2	*
	HF-P 126 PL-T/C III	9137006487	1	*
	HF-P122-42 PL-T/C/L/T5C EII	9137006307	1	
	HF-P 2 22-42 PL-T/C/L/TLSC EII	9137006308	2	(1)
	HF-S 226 PL-T/C II SR	9137130356	2	
	HF-S 226 PL-T/C/L/TLSC II SR	9137130356	2	
	HF-S 126 PL-T/C/L/TLSC II SR	9137130357	1	
	HF-P 226-42 PL-T/C 220-240	9137001950	2	
	EB-C 126 PL-T/C 220-240V 50/60Hz	9137131988	1	
	EB-C 226 PL-T/C 220	9137131989	2	
	HF-P 1/226 PL-T/C III 220-240V 50/60Hz	9137006488	1	
	HF-P 1/226 PL-T/C III 220-240V 50/60Hz	9137006488	2	
	HF-S 1/2 26 PL-T/C II SR 220-240V 50/60Hz	9137130356	1	
	HF-S 1/2 26 PL-T/C II SR 220-240V 50/60Hz	9137130356	2	
	HF-R126-42 PL-T/C EII	9137006266	1	
	HF-Ri TD 226-42 PL-T/CE+	9137006848	2	
	HF-Ri TD 126-42 PL-T/CE+	9137006847	1	
	HF-R TD 126-42 PL-T/C EII 220-240	9137006258	1	
	HF-P 126 PL-T/C 220-240	9137001100	1	
	HFP 226	441134730331	2	
Osram	EB-P 126 PLT/C ICC 220-240V 50/60Hz	9137100654	1	*
	HF-P126-42 PL-T/C	9137001932	1	
Osram	QTP-M 1X26-42	A6979600455	1	
	QTP-M 2x26-32	A6979950455 69799500DG	2	
	QTP-M 2x26-32	A6979950455 A69799500DG	1	

	Ballast Type	Order code	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
Osram	QT-M 2x26-42/220-240 S	A52675500DG	2	
	QTP-T/E 1X26-42,2X26	A72032500DG	2	
	QTP-T/E 1x26-42, 2x26	A72032500DG	1	
	QT-ECO T/E 2X26/220-240	A53702300DG	2	
	QT-ECO 1X26/220...240 S	A48946102DG	1	
	QT-T/E 2x26/230-240		2	
	QT-M 1x26-42/220-240 S	A48989E00DG	1	
	EZ-T/E 1X26/220-240	AA403410155	1	
	Qti-T/E 2x18-42 DIM	AA3945305BS	2	
	QT DALI-T/E 2x26-42/230-240 DIM		2	
Tridonic	PC 1/2x26 TC PRO sr	22176417	1	*
	PC 1/2x26 TC PRO sr	22176417	2	**
	PC 1/2 x 26-42 TC PRO	22176408	1	*
	PC 1/2 x 26-42 TC PRO	22176408	2	*
	PC 2x26-42 TC PRO	22176410	2	*
	PC 1x26-42 TC TOP	28000075	1	
	PC 2x26 TC TOP	28000076	2	(1)
TCI	MBQ 226/2	137968/226	2	
	MBQ 142/2	137968/142	1	** (1)
	MBQ 242/2	137962/242	1	** (1)
	MBQ 242/2	137962/242	2	
	BCC 126.	137949HTC	1	
	MB226/2	137989Tc	2	(1)

Ballast Compatibility



CorePro LED PLL HF 16.5W 4P 2G11 Compatibility

Key

- Ballast is compatible
- (1) Do not use in closed luminaires
- * 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

	Ballast Type	Order code	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
Philips	HF-P 136 TL-D III 220-240V 50/60Hz IDC	913713031566	1	
	HF-P 236 TL-D III 220-240V 50/60Hz IDC	913713031666	2	
	HF-S 136 TL-D II 220-240V 50/60Hz	913713032166	1	
	HF-S 236 TL-D II 220-240V 50/60Hz	913713032466	2	
	HF-E 136 TL-D II 220-240 50/60Hz	913713041066	1	
	HF-E 236 TL-D II 220-240 50/60Hz	913713041166	2	
	HF-S 336 TL-D II 220-240V 50/60Hz	913713032766	3	
	HF-Pi114/21/24/39 TL5 EII 220-240V	913700624066	1	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240V	913700624266	2	
	HF-P 136 PLL EII 220-240V 50/60Hz	913700192066	1	
	HF-P 236 PLL EII 220-240V 50/60Hz	913700192366	2	
	HF-P 136 PLL III 220-240V 50/60Hz	913713028466	1	
	HF-P 236 PLL III 220-240V 50/60Hz	913713028566	2	
	HF-P 136 PLL 220-240	9137001145	1	
	HF-R 236 TL-D EII 220-240V 50/60Hz	913700609366	2	*
	HF-Regulator 236 PLL EII 220-240V 50/60Hz	913700620066	2	*
	HF-R 136 PLL 220-240	9137001156	1	*
	HF-R 236 PLL 220-240	9137001157	2	*
	HF-Ri TDI 14/21/24/39 TL5 E+	9137006983	1	*
	HF-B 136 TLD 220-240	9137001122	1	
	HF-B 136 TLD EII 220-240	9137001926	1	
	HF-B 236 TLD EII 220-240	9137001928	2	

	Ballast Type	Order code	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
Osram	Qti 1x14/24/21/39 GII		1	
	Qti 2x14/24/21/39 GII		2	
	QT-M 2x26-42/220-240 S		2	
	QTP-DL 1x36-40		1	
	QTP-DL 2x36-40		2	
	QTP-M 1x26-42		1	
	QTP-M 2x26-32		2	
	QTP-OPTIMAL 2x18-40		2	
	Quictronic QT 1x36/230		1	
	QT-M 1x26-42/230-240 S		1	
	QT-M 2x26-32/230-240 S		2	
Tridonic	PC 1/36 TCL PRO	22176141	1	
	PC 2/36 TCL PRO	22176170	2	
	PC 3/36 T8 PRO	22176231	3	
	PC 1/14-35/24/39 T5 PRO-M Ip	22176182	1	
	PC 2/14-21/24/39 T5 PRO-M Ip	22176185	2	
	PC 1x36 T8 TEC	87500258	1	
	PC 2x36 T8 TEC	87500259	2	
	PC 2x36/4x18 T8 TEC	87500260	2	
	PCA 2/36 TCL ECO	22085516	2	

Ballast Compatibility



CorePro LED PLT HF 18.5W Compatibility

Key

- Ballast is compatible
- (1) Do not use in closed luminaires
- * 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

	Ballast Type	Order code	Lamps on ballast	AC (50Hz) on HF Ballast Compatible
Philips	HF-P 1 22-42 PL-T/C/L/T5C EI	9137006307	1	
	HF-P 1 26-42 PL-T/C	9137001932	1	
	HF-P 2 22-42 PL-T/C/L/TL5C EII	9137006308	2	
	HF-P 2 26-42 PL-T/C 220-240	9137001950	2	**
Osram	QTP-M 1X26-42	A6979600455	1	
	QTP-M 2x26-32	A6979950455	2	
	QTP-T/E 1x26-42, 2x26	A69799500DG	1	
	QT-M 2x26-42/220-240 S	A72032500DG	2	
Tridonic Atco	PC 1/2x26 TC PRO sr	22176417	1	
	PC 1/2 x 26-42 TC PRO	22176408	1	
	PC 1x26-42 TC TOP	28000075	1	
	PC 2x26-42 TC PRO	22176410	2	
TCI	MBQ 142/2	137968/142	1	
	MBQ 242/2	137962/242	1	
	MBQ 242/2	137962/242	2	



CorePro LED PL-S 5W 2P G23

Compatibility list is not provided for PL-S models, because it is compatible with any electromagnetic ballast

General notes

Philips CorePro LED are only tested with HF ballasts on AC operation. The performance of Philips CorePro LED 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 CorePro LED 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.

