



Den nya generationens energisnåla LED PLL-lysrörsbelysning

CorePro LED PLL

Philips CorePro LED PLL är den perfekta uppgraderingslösningen för downlights och armaturer för en rad olika allmänbelysningar. Den integrerar en LED-ljuskälla i en traditionell lysrörsdesign för att ge avsevärda energibesparingar under hela livslängden, som är dubbelt så lång än som för vanliga lysrör.

Fördelar

- Minskade driftskostnader tack vare lägre energiförbrukning jämfört med konventionella PLL-ljuskällor, samt lägre underhållskostnader tack vare 2–3 gånger längre livslängd än konventionella ljuskällor
- Enkelt 1-1-utbyte och återanvändning av befintliga armaturer med liknande PLL-formfaktor utan större justeringar
- Snabb och enkel lösning för att uppgradera en befintlig armatur till LED

Funktioner

- Hög ljus kvalitet, inget flimmer eller stroboskopeffekter
- Tänds direkt till 100 %
- Finns i 3 000 K, 4 000 K och 6 500 K

Användning

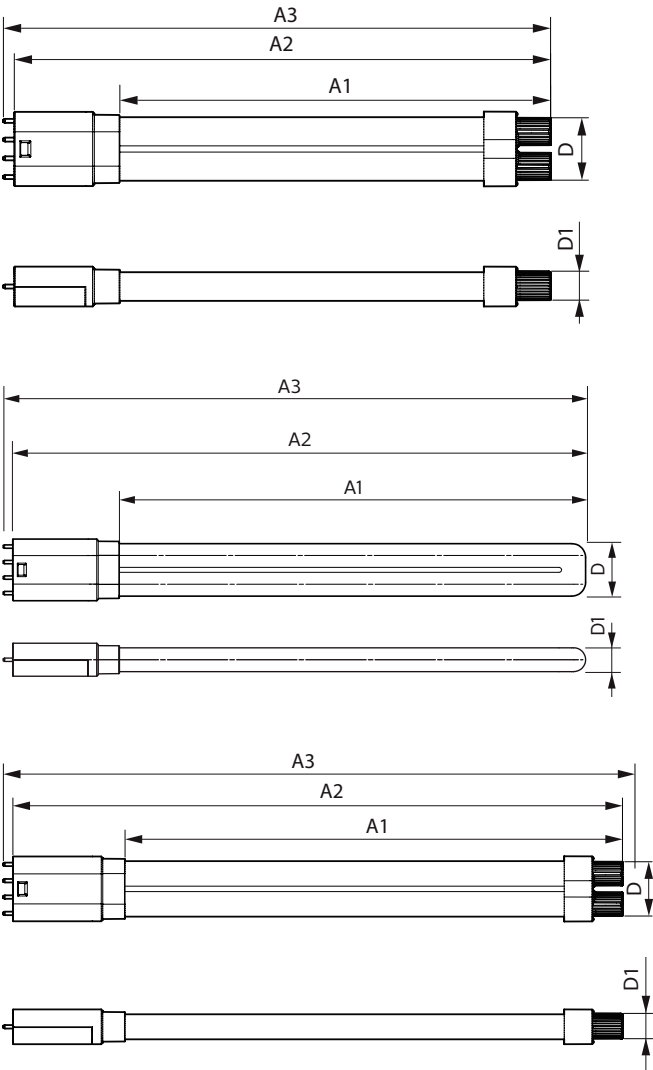
- Hotell och restaurang
- Butik
- Kontor (trappuppgångar, korridorer)
- Industriområden

CorePro LED PLL

Versions



Måttskiss



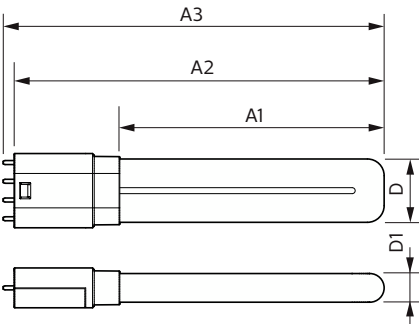
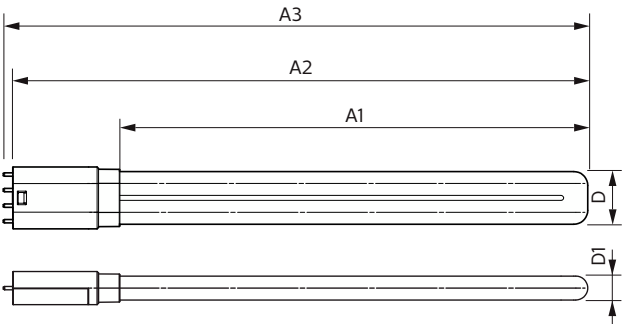
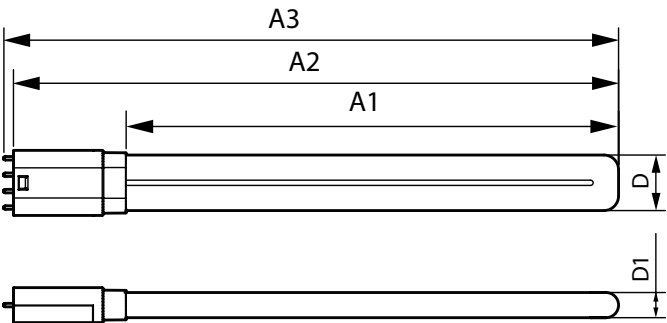
Product	D1	D2	A1	A2	A3
CorePro LED Urban PLL Mains 13W 830	17 mm	37 mm	253 mm	315 mm	321 mm
CorePro LED Urban PLL Mains 13W 840	17 mm	37 mm	253 mm	315 mm	321 mm

Product	D1	D2	A1	A2	A3
CorePro LED PLL EM/Mains 16.5W 830 4P	17 mm	38 mm	330 mm	405 mm	412 mm
CorePro LED PLL EM/Mains 16.5W 840 4P	17 mm	38 mm	330 mm	405 mm	412 mm

Product	D1	D2	A1	A2	A3
CorePro LED Urban PLL Mains 18W 830	17 mm	37 mm	335 mm	410 mm	416 mm
CorePro LED Urban PLL Mains 18W 840	17 mm	37 mm	335 mm	410 mm	416 mm

CorePro LED PLL

Måttskiss



Product	D1	D	A1	A2	A3
CorePro LED PLL HF 16.5W 830 4P 2G11	17 mm	38 mm	330 mm	405 mm	412 mm
CorePro LED PLL HF 16.5W 840 4P 2G11	17 mm	38 mm	330 mm	405 mm	412 mm
CorePro LED PLL HF 16.5W 865 4P 2G11	17 mm	38 mm	330 mm	405 mm	412 mm

Product	D1	D2	A1	A2	A3
CorePro LED PLL EM/Mains 12W 830 4P	17 mm	38 mm	250 mm	312 mm	319 mm
CorePro LED PLL EM/Mains 12W 840 4P	17 mm	38 mm	250 mm	312 mm	319 mm
CorePro LED PLL HF 12W 830 4P 2G11	17 mm	38 mm	250 mm	312 mm	319 mm
CorePro LED PLL HF 12W 840 4P 2G11	17 mm	38 mm	250 mm	312 mm	319 mm
CorePro LED PLL HF 24W 830 4P 2G11	17 mm	38 mm	453 mm	528 mm	535 mm
CorePro LED PLL HF 24W 840 4P 2G11	17 mm	38 mm	453 mm	528 mm	535 mm
CorePro LED PLL HF 24W 865 4P 2G11	17 mm	38 mm	453 mm	528 mm	535 mm
CorePro LED PLL Mains 24W 830 4P	17 mm	38 mm	453 mm	528 mm	535 mm
CorePro LED PLL Mains 24W 840 4P	17 mm	38 mm	453 mm	528 mm	535 mm

Product	D1	D2	A1	A2	A3
CorePro LED PLL EM/Mains 8W 830 4P	17 mm	38 mm	156 mm	218 mm	224 mm
CorePro LED PLL EM/Mains 8W 840 4P	17 mm	38 mm	156 mm	218 mm	224 mm
CorePro LED PLL HF 8W 830 4P 2G11	17 mm	38 mm	155 mm	217 mm	224 mm
CorePro LED PLL HF 8W 840 4P 2G11	17 mm	38 mm	155 mm	217 mm	224 mm

CorePro LED PLL

Allmän information	
Sockel	2G11
Nominell livslängd	30 000 h
Ljusteknik	
LLMF vid slutet av nominell livslängd (nom)	70 %
Drift och elektricitet	
Tändningstid (nom)	0,5 s
Styrenheter och dimring	
Dimbar	Nej
Mekanik och armaturhus	
Lampform	PL-L

Allmän information

Order Code	Full Product Name	Driftcykel	Order Code	Full Product Name	Driftcykel
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	50 000	929003758302	CorePro LED Urban PLL Mains 13W 840	200 000
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	50 000	929003579002	CorePro LED PLL HF 12W 830 4P 2G11	50 000
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	50 000	929003579102	CorePro LED PLL HF 12W 840 4P 2G11	50 000
929003592602	CorePro LED PLL EM/Mains 16.5W 830 4P	200 000	929003592402	CorePro LED PLL EM/Mains 12W 830 4P	200 000
929003592702	CorePro LED PLL EM/Mains 16.5W 840 4P	200 000	929003592502	CorePro LED PLL EM/Mains 12W 840 4P	200 000
929001920402	CorePro LED PLL HF 24W 830 4P 2G11	50 000	929003578802	CorePro LED PLL HF 8W 830 4P 2G11	50 000
929001920502	CorePro LED PLL HF 24W 840 4P 2G11	50 000	929003578902	CorePro LED PLL HF 8W 840 4P 2G11	50 000
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	50 000	929003592202	CorePro LED PLL EM/Mains 8W 830 4P	200 000
929003592802	CorePro LED PLL Mains 24W 830 4P	200 000	929003592302	CorePro LED PLL EM/Mains 8W 840 4P	200 000
929003592902	CorePro LED PLL Mains 24W 840 4P	200 000	929003758402	CorePro LED Urban PLL Mains 18W 830	200 000
929003758202	CorePro LED Urban PLL Mains 13W 830	200 000	929003758502	CorePro LED Urban PLL Mains 18W 840	200 000

Ljusteknik

Order Code	Full Product Name	Spridningsvinkel (nom)	Korrelerad färgtemperatur (Nom)	Färgåtergivningsindex	Färgkod	Ljusflöde
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	160 °	3000 K	83	830	2 000 lm
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	160 °	4000 K	83	840	2 100 lm
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	160 °	6500 K	83	865	2 100 lm
929003592602	CorePro LED PLL EM/Mains 16.5W 830 4P	160 °	3000 K	80	830	2 000 lm
929003592702	CorePro LED PLL EM/Mains 16.5W 840 4P	160 °	4000 K	80	840	2 100 lm
929001920402	CorePro LED PLL HF 24W 830 4P 2G11	160 °	3000 K	83	830	3 200 lm
929001920502	CorePro LED PLL HF 24W 840 4P 2G11	160 °	4000 K	83	840	3 400 lm
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	160 °	6500 K	83	865	3 400 lm
929003592802	CorePro LED PLL Mains 24W 830 4P	160 °	3000 K	80	830	3 200 lm
929003592902	CorePro LED PLL Mains 24W 840 4P	160 °	4000 K	80	840	3 400 lm
929003758202	CorePro LED Urban PLL Mains 13W 830	360 °	3000 K	80	830	1 520 lm
929003758302	CorePro LED Urban PLL Mains 13W 840	360 °	4000 K	80	840	1 600 lm
929003579002	CorePro LED PLL HF 12W 830 4P 2G11	160 °	3000 K	80	830	1 440 lm
929003579102	CorePro LED PLL HF 12W 840 4P 2G11	160 °	4000 K	80	840	1 500 lm
929003592402	CorePro LED PLL EM/Mains 12W 830 4P	160 °	3000 K	80	830	1 440 lm
929003592502	CorePro LED PLL EM/Mains 12W 840 4P	160 °	4000 K	80	840	1 500 lm
929003578802	CorePro LED PLL HF 8W 830 4P 2G11	160 °	3000 K	80	830	960 lm

Order Code	Full Product Name	Spridningsvinkel (nom)	Korrelerad färgtemperatur (Nom)	Färgåtergivningindex	Färgkod	Ljusflöde
929003578902	CorePro LED PLL HF 8W 840 4P 2G11	160 °	4000 K	80	840	1 000 lm
929003592202	CorePro LED PLL EM/Mains 8W 830 4P	160 °	3000 K	80	830	960 lm
929003592302	CorePro LED PLL EM/Mains 8W 840 4P	160 °	4000 K	80	840	1 000 lm
929003758402	CorePro LED Urban PLL Mains 18W 830	360 °	3000 K	80	830	2 100 lm
929003758502	CorePro LED Urban PLL Mains 18W 840	360 °	4000 K	80	840	2 300 lm

Drift och elektricitet

Full Product					Full Product				
Order Code	Name	Ingångsfrekvens	Line Frequency	Effektförbrukning	Order Code	Name	Ingångsfrekvens	Line Frequency	Effektförbrukning
929001381502	CorePro LED	39000-71000 Hz	39000-71000	16,5 W	929003579002	Mains 13W			
	PLL HF 16.5W		Hz			840			
	830 4P 2G11								
929001381602	CorePro LED	39000-71000 Hz	39000-71000	16,5 W		CorePro LED	20-80 K Hz	20K-80K Hz	12 W
	PLL HF 16.5W		Hz			PLL HF 12W			
	840 4P 2G11					830 4P 2G11			
929001381702	CorePro LED	39000-71000 Hz	39000-71000	16,5 W		CorePro LED	20-80 K Hz	20K-80K Hz	12 W
	PLL HF 16.5W		Hz			PLL HF 12W			
	865 4P 2G11					840 4P 2G11			
929003592602	CorePro LED	50-60 Hz	50 to 60 Hz	16,5 W		CorePro LED	50-60 Hz	50 to 60 Hz	12 W
	PLL EM/					PLL EM/			
	Mains 16.5W					Mains 12W			
929003592702	CorePro LED	50-60 Hz	50 to 60 Hz	16,5 W		830 4P			
	PLL EM/					CorePro LED	50-60 Hz	50 to 60 Hz	12 W
	Mains 16.5W					PLL EM/			
929001920402	CorePro LED	20000-70000 Hz	20000-70000	24 W		840 4P			
	PLL HF 24W		Hz			CorePro LED	20-80 K Hz	20K-80K Hz	8 W
	830 4P 2G11					PLL HF 8W			
929001920502	CorePro LED	20000-70000 Hz	20000-70000	24 W		830 4P 2G11			
	PLL HF 24W		Hz			CorePro LED	20-80 K Hz	20K-80K Hz	8 W
	840 4P 2G11					PLL HF 8W			
929001920602	CorePro LED	20000-70000 Hz	20000-70000	24 W		840 4P 2G11			
	PLL HF 24W		Hz			CorePro LED	50-60 Hz	50 to 60 Hz	8 W
	865 4P 2G11					PLL EM/			
929003592802	CorePro LED	50-60 Hz	50 to 60 Hz	24 W		Mains 8W			
	PLL Mains					830 4P			
	24W 830 4P					CorePro LED	50-60 Hz	50 to 60 Hz	8 W
929003592902	CorePro LED	50-60 Hz	50 to 60 Hz	24 W		PLL EM/			
	PLL Mains					Mains 8W			
	24W 840 4P					840 4P			
929003758202	CorePro LED	50-60 Hz	-	13 W		CorePro LED	50-60 Hz	-	18 W
	Urban PLL					Urban PLL			
	Mains 13W					Mains 18W			
929003758302	CorePro LED	50-60 Hz	-	13 W		830			
	Urban PLL					CorePro LED	50-60 Hz	-	18 W
	Urban PLL					Urban PLL			
						Mains 18W			
						840			

Temperatur

CorePro LED PLL

Order Code	Full Product Name	T-Case max. (nom)
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	70 °C
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	70 °C
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	70 °C
929003592602	CorePro LED PLL EM/Mains 16.5W 830 4P	70 °C
929003592702	CorePro LED PLL EM/Mains 16.5W 840 4P	70 °C
929001920402	CorePro LED PLL HF 24W 830 4P 2G11	70 °C
929001920502	CorePro LED PLL HF 24W 840 4P 2G11	70 °C
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	70 °C
929003592802	CorePro LED PLL Mains 24W 830 4P	75 °C
929003592902	CorePro LED PLL Mains 24W 840 4P	75 °C
929003758202	CorePro LED Urban PLL Mains 13W 830	60 °C

Order Code	Full Product Name	T-Case max. (nom)
929003758302	CorePro LED Urban PLL Mains 13W 840	60 °C
929003579002	CorePro LED PLL HF 12W 830 4P 2G11	70 °C
929003579102	CorePro LED PLL HF 12W 840 4P 2G11	70 °C
929003592402	CorePro LED PLL EM/Mains 12W 830 4P	70 °C
929003592502	CorePro LED PLL EM/Mains 12W 840 4P	70 °C
929003578802	CorePro LED PLL HF 8W 830 4P 2G11	70 °C
929003578902	CorePro LED PLL HF 8W 840 4P 2G11	70 °C
929003592202	CorePro LED PLL EM/Mains 8W 830 4P	70 °C
929003592302	CorePro LED PLL EM/Mains 8W 840 4P	70 °C
929003758402	CorePro LED Urban PLL Mains 18W 830	55 °C
929003758502	CorePro LED Urban PLL Mains 18W 840	55 °C

Mekanik och armaturhus

Order Code	Full Product Name	Ljuskällans ytbehandling
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	-
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	-
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	-
929003592602	CorePro LED PLL EM/Mains 16.5W 830 4P	Frostad
929003592702	CorePro LED PLL EM/Mains 16.5W 840 4P	Frostad
929001920402	CorePro LED PLL HF 24W 830 4P 2G11	-
929001920502	CorePro LED PLL HF 24W 840 4P 2G11	-
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	-
929003592802	CorePro LED PLL Mains 24W 830 4P	Frostad
929003592902	CorePro LED PLL Mains 24W 840 4P	Frostad
929003758202	CorePro LED Urban PLL Mains 13W 830	Klar

Order Code	Full Product Name	Ljuskällans ytbehandling
929003758302	CorePro LED Urban PLL Mains 13W 840	Klar
929003579002	CorePro LED PLL HF 12W 830 4P 2G11	Frostad
929003579102	CorePro LED PLL HF 12W 840 4P 2G11	Frostad
929003592402	CorePro LED PLL EM/Mains 12W 830 4P	Frostad
929003592502	CorePro LED PLL EM/Mains 12W 840 4P	Frostad
929003578802	CorePro LED PLL HF 8W 830 4P 2G11	Frostad
929003578902	CorePro LED PLL HF 8W 840 4P 2G11	Frostad
929003592202	CorePro LED PLL EM/Mains 8W 830 4P	Frostad
929003592302	CorePro LED PLL EM/Mains 8W 840 4P	Frostad
929003758402	CorePro LED Urban PLL Mains 18W 830	Klar
929003758502	CorePro LED Urban PLL Mains 18W 840	Klar

Användning och godkännande

Order Code	Full Product Name	Omgivningstemperatur	Energiförbrukning kWh/1 000 tim
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	-20 °C till +45 °C	17 kWh
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	-20 °C till +45 °C	17 kWh
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	-20 °C till +45 °C	17 kWh
929003592602	CorePro LED PLL EM/ Mains 16.5W 830 4P	-20 °C till +45 °C	17 kWh
929003592702	CorePro LED PLL EM/ Mains 16.5W 840 4P	-20 °C till +45 °C	17 kWh
929001920402	CorePro LED PLL HF 24W 830 4P 2G11	-20 °C till +45 °C	24 kWh
929001920502	CorePro LED PLL HF 24W 840 4P 2G11	-20 °C till +45 °C	24 kWh
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	-20 °C till +45 °C	24 kWh
929003592802	CorePro LED PLL Mains 24W 830 4P	-20 °C till +45 °C	24 kWh
929003592902	CorePro LED PLL Mains 24W 840 4P	-20 °C till +45 °C	24 kWh

Order Code	Full Product Name	Omgivningstemperatur	Energiförbrukning kWh/1 000 tim
929003758202	CorePro LED Urban PLL Mains 13W 830	-30 till +45 °C	13 kWh
929003758302	CorePro LED Urban PLL Mains 13W 840	-30 till +45 °C	13 kWh
929003579002	CorePro LED PLL HF 12W 830 4P 2G11	-20 °C till +45 °C	12 kWh
929003579102	CorePro LED PLL HF 12W 840 4P 2G11	-20 °C till +45 °C	12 kWh
929003592402	CorePro LED PLL EM/ Mains 12W 830 4P	-20 °C till +45 °C	12 kWh
929003592502	CorePro LED PLL EM/ Mains 12W 840 4P	-20 °C till +45 °C	12 kWh
929003578802	CorePro LED PLL HF 8W 830 4P 2G11	-20 °C till +45 °C	8 kWh
929003578902	CorePro LED PLL HF 8W 840 4P 2G11	-20 °C till +45 °C	8 kWh
929003592202	CorePro LED PLL EM/ Mains 8W 830 4P	-20 °C till +45 °C	8 kWh
929003592302	CorePro LED PLL EM/ Mains 8W 840 4P	-20 °C till +45 °C	8 kWh

Order Code	Full Product Name	Omgivningstemperatur	Energiförbrukning
			kWh/1 000 tim
929003758402	CorePro LED Urban PLL Mains 18W 830	–30 till +45 °C	18 kWh
929003758502	CorePro LED Urban PLL Mains 18W 840	–30 till +45 °C	18 kWh

