



# De nieuwe generatie energiebesparende LED PLL-TLverlichting.

## CorePro LED PLL

Philips CorePro LED PLL is de ideale oplossing voor het opwaarderen van downlights en armaturen in diverse algemene verlichtingstoepassingen. Deze oplossing integreert een LED-lichtbron in de vormgeving van een traditionele fluorescentielamp en levert zo een aanzienlijke energiebesparing met een levensduur die twee keer zo lang is als alternatieve fluorescentielampen.

### Voordelen

- Lagere gebruikskosten dankzij een lager energieverbruik dan conventionele PLL-lampen en lagere onderhoudskosten dankzij een levensduur die 2 tot 3 keer langer is dan conventionele lampen
- Eenvoudige vervanging van afzonderlijke lampen met hergebruik van de bestaande armatuur zonder grote aanpassingen, dankzij dezelfde PLL-vormgeving
- Snelste en eenvoudigste manier om een bestaande armatuur op te waarderen naar LED-technologie

### Kenmerken

- Hoogwaardig licht, geen knipperend of stroboscopisch effect.
- Direct licht op volle sterkte.
- Keuze uit 3000 K, 4000 K en 6500 K.

# CorePro LED PLL

## Toepassing

- Gastvrijheidsbranche
- Detailhandel
- Kantoren (trappenhuizen, gangen)
- Industrieretritten

## Versions



CorePro LED PLC 400mm 17W  
2G11 830 2000lm



LEDtube PLL HF 24W 2G11 830 4P  
24D ND



LEDtube COR PLL EU 12W 2G11

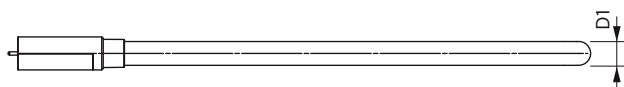
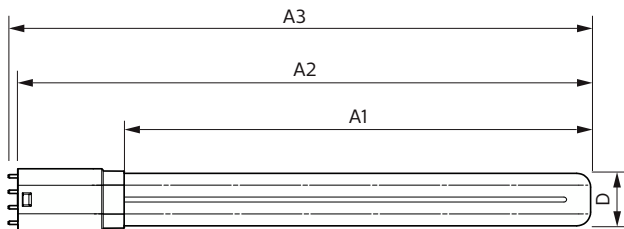
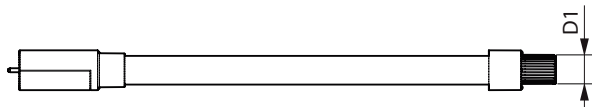
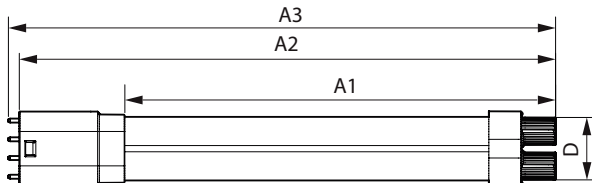


LEDtube COR PLL EU 8W 2G11



CorePro-LED-Urban-PLL-  
Mains-18W

## Maatschets

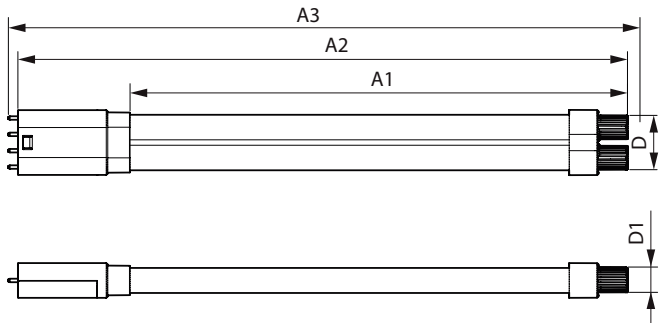


Product	D1	D2	A1	A2	A3
CorePro LED Urban PLL Mains 13W 830	17 mm	37 mm	253 mm	315 mm	321 mm
CorePro LED Urban PLL Mains 13W 840	17 mm	37 mm	253 mm	315 mm	321 mm

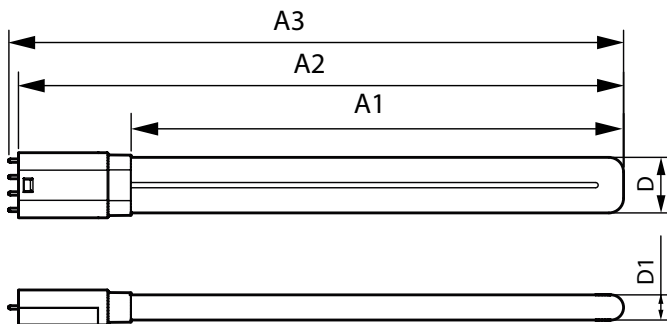
Product	D1	D2	A1	A2	A3
CorePro LED PLL EM/Mains 16.5W 830 4P	17 mm	38 mm	330 mm	405 mm	412 mm
CorePro LED PLL EM/Mains 16.5W 840 4P	17 mm	38 mm	330 mm	405 mm	412 mm

# CorePro LED PLL

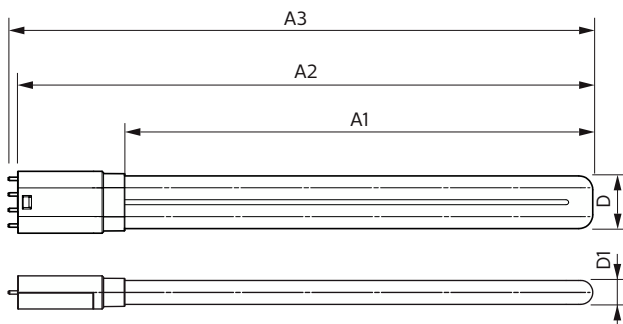
## Maatschets



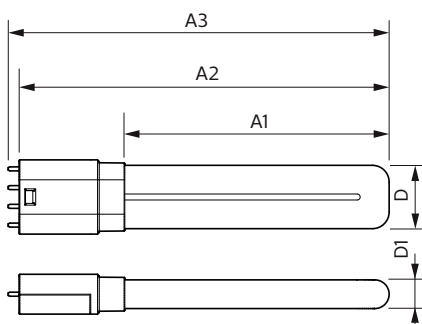
Product	D1	D2	A1	A2	A3
CorePro LED Urban PLL Mains 18W 830	17 mm	37 mm	335 mm	410 mm	416 mm
CorePro LED Urban PLL Mains 18W 840	17 mm	37 mm	335 mm	410 mm	416 mm



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

Algemene informatie	
Lampvoet	2G11
Nominale levensduur	30.000 hr
Gegevens lichttechniek	
LLMF bij einde nominale levensduur (nom.)	70 %
Bedrijfs- en elektrische gegevens	
Opstarttijd (nom.)	0,5 s
Dimbaarheid en regelsystemen	
Dimbaar	Nee
Eigenschappen behuizing en afmetingen	
Lampvorm	PL-L

## Algemene informatie

Order Code	Full Product Name	Schakelcyclus	Order Code	Full Product Name	Schakelcyclus
8718696739662	CorePro LED PLL HF 16.5W 830 4P 2G11	50.000	8720169287181	CorePro LED Urban PLL Mains 13W 840	200.000
8718696739747	CorePro LED PLL HF 16.5W 840 4P 2G11	50.000	8719514486805	CorePro LED PLL HF 12W 830 4P 2G11	50.000
8718696739761	CorePro LED PLL HF 16.5W 865 4P 2G11	50.000	8719514486829	CorePro LED PLL HF 12W 840 4P 2G11	50.000
8720169157071	CorePro LED PLL EM/Mains 16.5W 830 4P	200.000	8720169157033	CorePro LED PLL EM/Mains 12W 830 4P	200.000
8720169157095	CorePro LED PLL EM/Mains 16.5W 840 4P	200.000	8720169157057	CorePro LED PLL EM/Mains 12W 840 4P	200.000
8718696828397	CorePro LED PLL HF 24W 830 4P 2G11	50.000	8719514486768	CorePro LED PLL HF 8W 830 4P 2G11	50.000
8718696828410	CorePro LED PLL HF 24W 840 4P 2G11	50.000	8719514486782	CorePro LED PLL HF 8W 840 4P 2G11	50.000
8718696828434	CorePro LED PLL HF 24W 865 4P 2G11	50.000	8720169156999	CorePro LED PLL EM/Mains 8W 830 4P	200.000
8720169157118	CorePro LED PLL Mains 24W 830 4P	200.000	8720169157019	CorePro LED PLL EM/Mains 8W 840 4P	200.000
8720169157132	CorePro LED PLL Mains 24W 840 4P	200.000	8720169287204	CorePro LED Urban PLL Mains 18W 830	200.000
8720169287167	CorePro LED Urban PLL Mains 13W 830	200.000	8720169287228	CorePro LED Urban PLL Mains 18W 840	200.000

## Gegevens lichttechniek

Order Code	Full Product Name	Bundelhoek (nom.)	Gecorreleerde kleurtemperatuur (nom.)	Kleurweergave-index (CRI)	Kleurcode	Lichtstroom
8718696739662	CorePro LED PLL HF 16.5W 830 4P 2G11	160 graden	3000 K	83	830	2.000 lm
8718696739747	CorePro LED PLL HF 16.5W 840 4P 2G11	160 graden	4000 K	83	840	2.100 lm
8718696739761	CorePro LED PLL HF 16.5W 865 4P 2G11	160 graden	6500 K	83	865	2.100 lm
8720169157071	CorePro LED PLL EM/Mains 16.5W 830 4P	160 graden	3000 K	80	830	2.000 lm
8720169157095	CorePro LED PLL EM/Mains 16.5W 840 4P	160 graden	4000 K	80	840	2.100 lm
8718696828397	CorePro LED PLL HF 24W 830 4P 2G11	160 graden	3000 K	83	830	3.200 lm
8718696828410	CorePro LED PLL HF 24W 840 4P 2G11	160 graden	4000 K	83	840	3.400 lm
8718696828434	CorePro LED PLL HF 24W 865 4P 2G11	160 graden	6500 K	83	865	3.400 lm
8720169157118	CorePro LED PLL Mains 24W 830 4P	160 graden	3000 K	80	830	3.200 lm
8720169157132	CorePro LED PLL Mains 24W 840 4P	160 graden	4000 K	80	840	3.400 lm
8720169287167	CorePro LED Urban PLL Mains 13W 830	360 graden	3000 K	80	830	1.520 lm
8720169287181	CorePro LED Urban PLL Mains 13W 840	360 graden	4000 K	80	840	1.600 lm
8719514486805	CorePro LED PLL HF 12W 830 4P 2G11	160 graden	3000 K	80	830	1.440 lm
8719514486829	CorePro LED PLL HF 12W 840 4P 2G11	160 graden	4000 K	80	840	1.500 lm
8720169157033	CorePro LED PLL EM/Mains 12W 830 4P	160 graden	3000 K	80	830	1.440 lm
8720169157057	CorePro LED PLL EM/Mains 12W 840 4P	160 graden	4000 K	80	840	1.500 lm
8719514486768	CorePro LED PLL HF 8W 830 4P 2G11	160 graden	3000 K	80	830	960 lm

## CorePro LED PLL

Order Code	Full Product Name	Bundelhoek (nom.)	Gecorreleerde kleurtemperatuur (nom.)	Kleurweergave-index (CRI)	Kleurcode	Lichtstroom
8719514486782	CorePro LED PLL HF 8W 840 4P 2G11	160 graden	4000 K	80	840	1.000 lm
8720169156999	CorePro LED PLL EM/Mains 8W 830 4P	160 graden	3000 K	80	830	960 lm
8720169157019	CorePro LED PLL EM/Mains 8W 840 4P	160 graden	4000 K	80	840	1.000 lm
8720169287204	CorePro LED Urban PLL Mains 18W 830	360 graden	3000 K	80	830	2.100 lm
8720169287228	CorePro LED Urban PLL Mains 18W 840	360 graden	4000 K	80	840	2.300 lm

### Bedrijfs- en elektrische gegevens

Order Code	Full Product Name	Ingangsfrequentie	Ingangsfrequentie	Energieverbruik	Order Code	Full Product Name	Ingangsfrequentie	Ingangsfrequentie	Energieverbruik
8718696739662	CorePro LED PLL HF 16.5W 830 4P 2G11	39000-71000 Hz	39000-71000 Hz	16,5 W	8719514486805	CorePro LED PLL HF 12W 830 4P 2G11	20 K tot 80 K Hz	20K-80K Hz	12 W
8718696739747	CorePro LED PLL HF 16.5W 840 4P 2G11	39000-71000 Hz	39000-71000 Hz	16,5 W	8719514486829	CorePro LED PLL HF 12W 840 4P 2G11	20 K tot 80 K Hz	20K-80K Hz	12 W
8718696739761	CorePro LED PLL HF 16.5W 865 4P 2G11	39000-71000 Hz	39000-71000 Hz	16,5 W	8720169157033	CorePro LED PLL EM/ Mains 12W 830 4P	50 tot 60 Hz	50 to 60 Hz	12 W
8720169157071	CorePro LED PLL EM/ Mains 16.5W 830 4P	50 tot 60 Hz	50 to 60 Hz	16,5 W	8720169157057	CorePro LED PLL EM/ Mains 12W 840 4P	50 tot 60 Hz	50 to 60 Hz	12 W
8720169157095	CorePro LED PLL EM/ Mains 16.5W 840 4P	50 tot 60 Hz	50 to 60 Hz	16,5 W	8719514486768	CorePro LED PLL HF 8W 830 4P 2G11	20 K tot 80 K Hz	20K-80K Hz	8 W
8718696828397	CorePro LED PLL HF 24W 830 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W	8719514486782	CorePro LED PLL HF 8W 840 4P 2G11	20 K tot 80 K Hz	20K-80K Hz	8 W
8718696828410	CorePro LED PLL HF 24W 840 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W	8720169156999	CorePro LED PLL EM/ Mains 8W 830 4P	50 tot 60 Hz	50 to 60 Hz	8 W
8718696828434	CorePro LED PLL HF 24W 865 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W	8720169157019	CorePro LED PLL EM/ Mains 8W 840 4P	50 tot 60 Hz	50 to 60 Hz	8 W
8720169157118	CorePro LED PLL Mains 24W 830 4P	50 tot 60 Hz	50 to 60 Hz	24 W	8720169287204	CorePro LED Urban PLL Mains 18W 830	50 tot 60 Hz	-	18 W
8720169157132	CorePro LED PLL Mains 24W 840 4P	50 tot 60 Hz	50 to 60 Hz	24 W	8720169287228	CorePro LED Urban PLL Mains 18W 840	50 tot 60 Hz	-	18 W
8720169287167	CorePro LED Urban PLL Mains 13W 830	50 tot 60 Hz	-	13 W					
8720169287181	CorePro LED Urban PLL	50 tot 60 Hz	-	13 W					

## Operationele temperatuur

Order Code	Full Product Name	T-behuizing maximaal (nom.)
8718696739662	CorePro LED PLL HF 16.5W 830 4P 2G11	70 °C
8718696739747	CorePro LED PLL HF 16.5W 840 4P 2G11	70 °C
8718696739761	CorePro LED PLL HF 16.5W 865 4P 2G11	70 °C
8720169157071	CorePro LED PLL EM/Mains 16.5W 830 4P	70 °C
8720169157095	CorePro LED PLL EM/Mains 16.5W 840 4P	70 °C
8718696828397	CorePro LED PLL HF 24W 830 4P 2G11	70 °C
8718696828410	CorePro LED PLL HF 24W 840 4P 2G11	70 °C
8718696828434	CorePro LED PLL HF 24W 865 4P 2G11	70 °C
8720169157118	CorePro LED PLL Mains 24W 830 4P	75 °C
8720169157132	CorePro LED PLL Mains 24W 840 4P	75 °C
8720169287167	CorePro LED Urban PLL Mains 13W 830	60 °C

Order Code	Full Product Name	T-behuizing maximaal (nom.)
8720169287181	CorePro LED Urban PLL Mains 13W 840	60 °C
8719514486805	CorePro LED PLL HF 12W 830 4P 2G11	70 °C
8719514486829	CorePro LED PLL HF 12W 840 4P 2G11	70 °C
8720169157033	CorePro LED PLL EM/Mains 12W 830 4P	70 °C
8720169157057	CorePro LED PLL EM/Mains 12W 840 4P	70 °C
8719514486768	CorePro LED PLL HF 8W 830 4P 2G11	70 °C
8719514486782	CorePro LED PLL HF 8W 840 4P 2G11	70 °C
8720169156999	CorePro LED PLL EM/Mains 8W 830 4P	70 °C
8720169157019	CorePro LED PLL EM/Mains 8W 840 4P	70 °C
8720169287204	CorePro LED Urban PLL Mains 18W 830	55 °C
8720169287228	CorePro LED Urban PLL Mains 18W 840	55 °C

## Eigenschappen behuizing en afmetingen

Order Code	Full Product Name	Lampafwerking
8718696739662	CorePro LED PLL HF 16.5W 830 4P 2G11	Mat
8718696739747	CorePro LED PLL HF 16.5W 840 4P 2G11	Mat
8718696739761	CorePro LED PLL HF 16.5W 865 4P 2G11	Mat
8720169157071	CorePro LED PLL EM/Mains 16.5W 830 4P	Mat
8720169157095	CorePro LED PLL EM/Mains 16.5W 840 4P	Mat
8718696828397	CorePro LED PLL HF 24W 830 4P 2G11	Mat
8718696828410	CorePro LED PLL HF 24W 840 4P 2G11	Mat
8718696828434	CorePro LED PLL HF 24W 865 4P 2G11	Mat
8720169157118	CorePro LED PLL Mains 24W 830 4P	Mat
8720169157132	CorePro LED PLL Mains 24W 840 4P	Mat
8720169287167	CorePro LED Urban PLL Mains 13W 830	Helder

Order Code	Full Product Name	Lampafwerking
8720169287181	CorePro LED Urban PLL Mains 13W 840	Helder
8719514486805	CorePro LED PLL HF 12W 830 4P 2G11	Mat
8719514486829	CorePro LED PLL HF 12W 840 4P 2G11	Mat
8720169157033	CorePro LED PLL EM/Mains 12W 830 4P	Mat
8720169157057	CorePro LED PLL EM/Mains 12W 840 4P	Mat
8719514486768	CorePro LED PLL HF 8W 830 4P 2G11	Mat
8719514486782	CorePro LED PLL HF 8W 840 4P 2G11	Mat
8720169156999	CorePro LED PLL EM/Mains 8W 830 4P	Mat
8720169157019	CorePro LED PLL EM/Mains 8W 840 4P	Mat
8720169287204	CorePro LED Urban PLL Mains 18W 830	Helder
8720169287228	CorePro LED Urban PLL Mains 18W 840	Helder

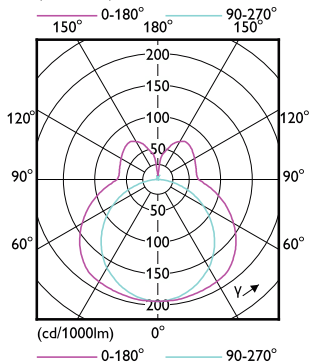
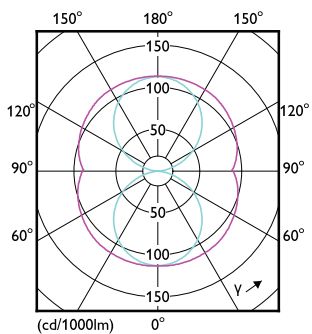
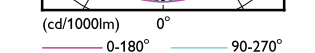
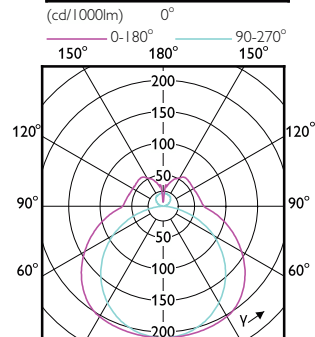
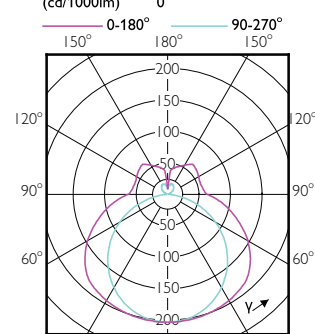
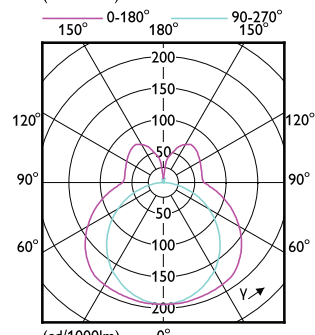
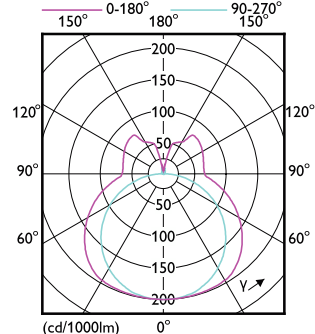
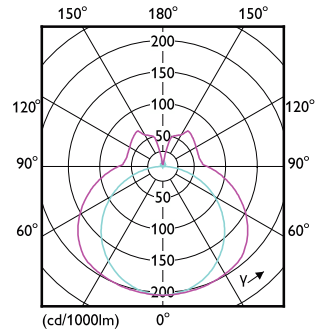
## Keurmerken en classificaties

Order Code	Full Product Name	Bereik omgevingstemperatuur	Energieverbruik kWh/1.000 uur
8718696739662	CorePro LED PLL HF 16.5W 830 4P 2G11	-20 °C t/m 45 °C	17 kWh
8718696739747	CorePro LED PLL HF 16.5W 840 4P 2G11	-20 °C t/m 45 °C	17 kWh
8718696739761	CorePro LED PLL HF 16.5W 865 4P 2G11	-20 °C t/m 45 °C	17 kWh
8720169157071	CorePro LED PLL EM/Mains 16.5W 830 4P	-20 °C t/m 45 °C	17 kWh
8720169157095	CorePro LED PLL EM/Mains 16.5W 840 4P	-20 °C t/m 45 °C	17 kWh
8718696828397	CorePro LED PLL HF 24W 830 4P 2G11	-20 °C t/m 45 °C	24 kWh

Order Code	Full Product Name	Bereik omgevingstemperatuur	Energieverbruik kWh/1.000 uur
8718696828410	CorePro LED PLL HF 24W 840 4P 2G11	-20 °C t/m 45 °C	24 kWh
8718696828434	CorePro LED PLL HF 24W 865 4P 2G11	-20 °C t/m 45 °C	24 kWh
8720169157118	CorePro LED PLL Mains 24W 830 4P	-20 °C t/m 45 °C	24 kWh
8720169157132	CorePro LED PLL Mains 24W 840 4P	-20 °C t/m 45 °C	24 kWh
8720169287167	CorePro LED Urban PLL Mains 13W 830	-30 tot +45 °C	13 kWh
8720169287181	CorePro LED Urban PLL Mains 13W 840	-30 tot +45 °C	13 kWh

# CorePro LED PLL

Order Code	Full Product Name	Bereik omgevingstemperatuur	Energieverbruik kWh/1.000 uur
8719514486805	CorePro LED PLL HF 12W 830 4P 2G11	-20 °C t/m 45 °C	12 kWh
8719514486829	CorePro LED PLL HF 12W 840 4P 2G11	-20 °C t/m 45 °C	12 kWh
8720169157033	CorePro LED PLL EM/Mains 12W 830 4P	-20 °C t/m 45 °C	12 kWh
8720169157057	CorePro LED PLL EM/Mains 12W 840 4P	-20 °C t/m 45 °C	12 kWh
8719514486768	CorePro LED PLL HF 8W 830 4P 2G11	-20 °C t/m 45 °C	8 kWh
8719514486782	CorePro LED PLL HF 8W 840 4P 2G11	-20 °C t/m 45 °C	8 kWh
8720169156999	CorePro LED PLL EM/Mains 8W 830 4P	-20 °C t/m 45 °C	8 kWh
8720169157019	CorePro LED PLL EM/Mains 8W 840 4P	-20 °C t/m 45 °C	8 kWh
8720169287204	CorePro LED Urban PLL Mains 18W 830	-30 tot +45 °C	18 kWh
8720169287228	CorePro LED Urban PLL Mains 18W 840	-30 tot +45 °C	18 kWh





## CorePro LED PLL

