



A nova geração de iluminação com tubos LED PLL para poupança de energia

CorePro LED PLL

As lâmpadas Philips CorePro LED PLL são a solução de atualização de lâmpadas ideal para downlights e luminárias numa vasta gama de aplicações de iluminação geral. Integra uma fonte de luz LED num fator de formato fluorescente tradicional para possibilitar excelentes poupanças de energia durante uma vida útil que é o dobro das alternativas fluorescentes.

Benefícios

- Redução do custo operacional graças a um menor consumo de energia do que as lâmpadas PLL convencionais, bem como um custo de manutenção mais baixo graças a uma vida útil 2-3 vezes superior à das lâmpadas convencionais
- Substituição lâmpada a lâmpada simples, reutilização do equipamento existente sem grandes modificações, utilizando um formato semelhante a PLC
- O modo mais rápido e fácil de atualizar as luminárias existentes para a tecnologia LED

Características

- Luz de alta qualidade, sem efeito de cintilação nem estroboscópico
- Luz 100% instantânea
- Opção de 3000 K, 4000 K e 6500 K

CorePro LED PLL

Aplicação

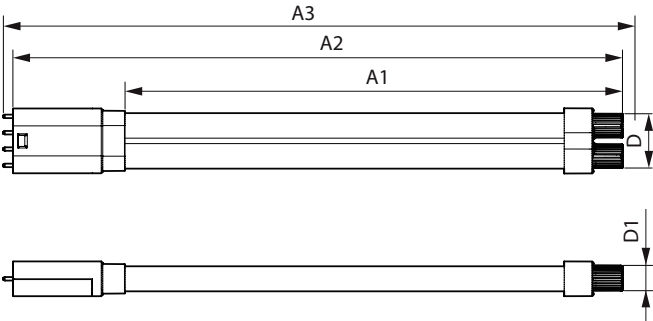
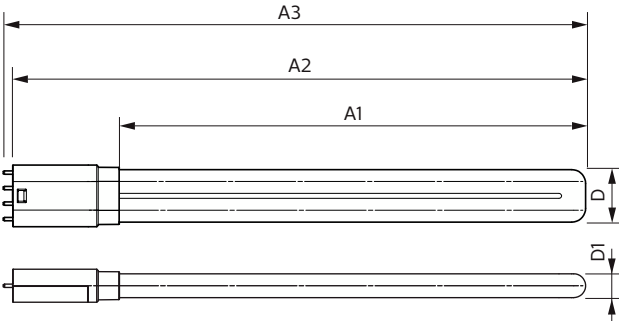
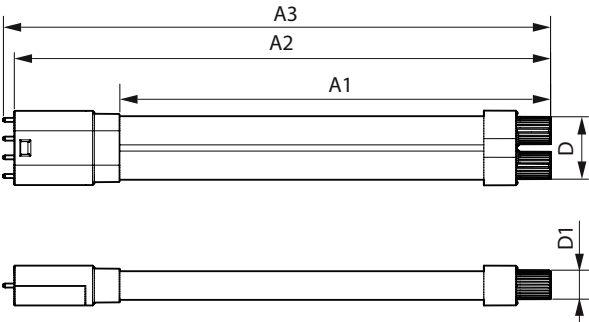
- Hotéis
- Retalho
- Escritório (escadas, corredores)
- Áreas industriais

Versions



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

Desenho dimensional

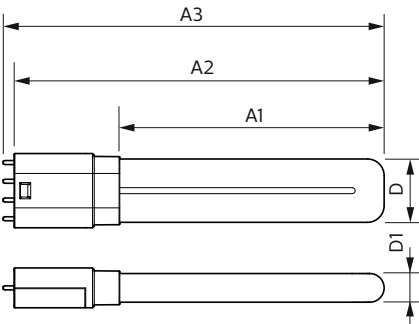
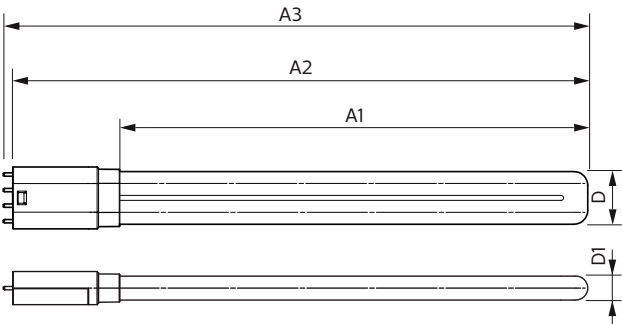
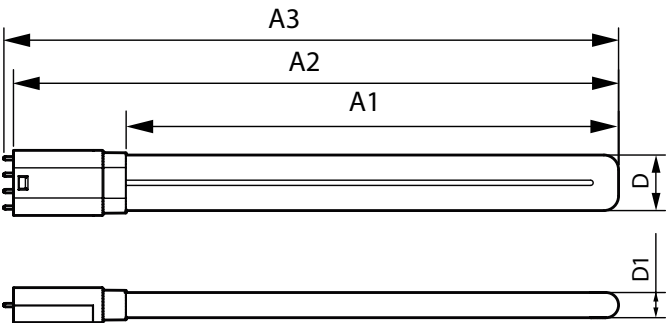


Product	D1	D2	A1	A2	A3
CorePro LED Urban PLL Mains 13W 830	17 mm	37 mm	253 mm	315 mm	321 mm
CorePro LED Urban PLL Mains 13W 840	17 mm	37 mm	253 mm	315 mm	321 mm

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

Desenho dimensional



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

Informações gerais	
Casquilho	2G11
Vida útil nominal	30.000 h
Caraterísticas técnicas da luz	
LLMF no final da vida útil nominal (Nom.)	70 %
Funcionamento e caraterísticas elétricas	
Tempo de arranque (Nom.)	0,5 s
Controlos e regulação	
Regulável	Não
Características mecânicas e compartimento	
Formato da lâmpada	PL-L

Informações gerais

Order Code	Full Product Name	Ciclo de comutação	Order Code	Full Product Name	Ciclo de comutação
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	50.000	28718100	CorePro LED Urban PLL Mains 13W 840	200.000
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	50.000	48680500	CorePro LED PLL HF 12W 830 4P 2G11	50.000
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	50.000	48682900	CorePro LED PLL HF 12W 840 4P 2G11	50.000
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	200.000	15703300	CorePro LED PLL EM/Mains 12W 830 4P	200.000
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	200.000	15705700	CorePro LED PLL EM/Mains 12W 840 4P	200.000
82839700	CorePro LED PLL HF 24W 830 4P 2G11	50.000	48676800	CorePro LED PLL HF 8W 830 4P 2G11	50.000
82841000	CorePro LED PLL HF 24W 840 4P 2G11	50.000	48678200	CorePro LED PLL HF 8W 840 4P 2G11	50.000
82843400	CorePro LED PLL HF 24W 865 4P 2G11	50.000	15699900	CorePro LED PLL EM/Mains 8W 830 4P	200.000
15711800	CorePro LED PLL Mains 24W 830 4P	200.000	15701900	CorePro LED PLL EM/Mains 8W 840 4P	200.000
15713200	CorePro LED PLL Mains 24W 840 4P	200.000	28720400	CorePro LED Urban PLL Mains 18W 830	200.000
28716700	CorePro LED Urban PLL Mains 13W 830	200.000	28722800	CorePro LED Urban PLL Mains 18W 840	200.000

Caraterísticas técnicas da luz

Order Code	Full Product Name	Ângulo do feixe (Nom.)	Temperatura de cor correlacionada	Índice de Restituição		
			(Nom.)	Cromática (IRC)	Código da cor	Fluxo Luminoso
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	160 °	3000 K	83	830	2.000 lm
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	160 °	4000 K	83	840	2.100 lm
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	160 °	6500 K	83	865	2.100 lm
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	160 °	3000 K	80	830	2.000 lm
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	160 °	4000 K	80	840	2.100 lm
82839700	CorePro LED PLL HF 24W 830 4P 2G11	160 °	3000 K	83	830	3.200 lm
82841000	CorePro LED PLL HF 24W 840 4P 2G11	160 °	4000 K	83	840	3.400 lm
82843400	CorePro LED PLL HF 24W 865 4P 2G11	160 °	6500 K	83	865	3.400 lm
15711800	CorePro LED PLL Mains 24W 830 4P	160 °	3000 K	80	830	3.200 lm
15713200	CorePro LED PLL Mains 24W 840 4P	160 °	4000 K	80	840	3.400 lm
28716700	CorePro LED Urban PLL Mains 13W 830	360 °	3000 K	80	830	1.520 lm
28718100	CorePro LED Urban PLL Mains 13W 840	360 °	4000 K	80	840	1.600 lm
48680500	CorePro LED PLL HF 12W 830 4P 2G11	160 °	3000 K	80	830	1.440 lm
48682900	CorePro LED PLL HF 12W 840 4P 2G11	160 °	4000 K	80	840	1.500 lm
15703300	CorePro LED PLL EM/Mains 12W 830 4P	160 °	3000 K	80	830	1.440 lm
15705700	CorePro LED PLL EM/Mains 12W 840 4P	160 °	4000 K	80	840	1.500 lm

Order Code	Full Product Name	Ângulo do feixe (Nom.)	Temperatura de cor correlacionada	Índice de Restituição		
			(Nom.)	Cromática (IRC)	Código da cor	Fluxo Luminoso
48676800	CorePro LED PLL HF 8W 830 4P 2G11	160 °	3000 K	80	830	960 lm
48678200	CorePro LED PLL HF 8W 840 4P 2G11	160 °	4000 K	80	840	1.000 lm
15699900	CorePro LED PLL EM/Mains 8W 830 4P	160 °	3000 K	80	830	960 lm
15701900	CorePro LED PLL EM/Mains 8W 840 4P	160 °	4000 K	80	840	1.000 lm
28720400	CorePro LED Urban PLL Mains 18W 830	360 °	3000 K	80	830	2.100 lm
28722800	CorePro LED Urban PLL Mains 18W 840	360 °	4000 K	80	840	2.300 lm

Funcionamento e características elétricas

Order Code	Full Product Name	Frequência de entrada	Frequência de linha	Consumo de Energia
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	39000-71000 Hz	39000-71000 Hz	16,5 W
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	39000-71000 Hz	39000-71000 Hz	16,5 W
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	39000-71000 Hz	39000-71000 Hz	16,5 W
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	50 a 60 Hz	50 to 60 Hz	16,5 W
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	50 a 60 Hz	50 to 60 Hz	16,5 W
82839700	CorePro LED PLL HF 24W 830 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W
82841000	CorePro LED PLL HF 24W 840 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W
82843400	CorePro LED PLL HF 24W 865 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W
15711800	CorePro LED PLL Mains 24W 830 4P	50 a 60 Hz	50 to 60 Hz	24 W
15713200	CorePro LED PLL Mains 24W 840 4P	50 a 60 Hz	50 to 60 Hz	24 W
28716700	CorePro LED Urban PLL Mains 13W 830	50 a 60 Hz	-	13 W

Order Code	Full Product Name	Frequência de entrada	Frequência de linha	Consumo de Energia
28718100	CorePro LED Urban PLL Mains 13W 840	50 a 60 Hz	-	13 W
48680500	CorePro LED PLL HF 12W 830 4P 2G11	20 K-80 K Hz	20K-80K Hz	12 W
48682900	CorePro LED PLL HF 12W 840 4P 2G11	20 K-80 K Hz	20K-80K Hz	12 W
15703300	CorePro LED PLL EM/Mains 12W 830 4P	50 a 60 Hz	50 to 60 Hz	12 W
15705700	CorePro LED PLL EM/Mains 12W 840 4P	50 a 60 Hz	50 to 60 Hz	12 W
48676800	CorePro LED PLL HF 8W 830 4P 2G11	20 K-80 K Hz	20K-80K Hz	8 W
48678200	CorePro LED PLL HF 8W 840 4P 2G11	20 K-80 K Hz	20K-80K Hz	8 W
15699900	CorePro LED PLL EM/Mains 8W 830 4P	50 a 60 Hz	50 to 60 Hz	8 W
15701900	CorePro LED PLL EM/Mains 8W 840 4P	50 a 60 Hz	50 to 60 Hz	8 W
28720400	CorePro LED Urban PLL Mains 18W 830	50 a 60 Hz	-	18 W
28722800	CorePro LED Urban PLL Mains 18W 840	50 a 60 Hz	-	18 W

Temperatura

Order Code	Full Product Name	T-máxima na caixa (Nom)
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	70 °C
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	70 °C
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	70 °C
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	70 °C
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	70 °C

Order Code	Full Product Name	T-máxima na caixa (Nom)
82839700	CorePro LED PLL HF 24W 830 4P 2G11	70 °C
82841000	CorePro LED PLL HF 24W 840 4P 2G11	70 °C
82843400	CorePro LED PLL HF 24W 865 4P 2G11	70 °C
15711800	CorePro LED PLL Mains 24W 830 4P	75 °C
15713200	CorePro LED PLL Mains 24W 840 4P	75 °C

CorePro LED PLL

Order Code	Full Product Name	T-máxima na caixa (Nom)
28716700	CorePro LED Urban PLL Mains 13W 830	60 °C
28718100	CorePro LED Urban PLL Mains 13W 840	60 °C
48680500	CorePro LED PLL HF 12W 830 4P 2G11	70 °C
48682900	CorePro LED PLL HF 12W 840 4P 2G11	70 °C
15703300	CorePro LED PLL EM/Mains 12W 830 4P	70 °C
15705700	CorePro LED PLL EM/Mains 12W 840 4P	70 °C

Order Code	Full Product Name	T-máxima na caixa (Nom)
48676800	CorePro LED PLL HF 8W 830 4P 2G11	70 °C
48678200	CorePro LED PLL HF 8W 840 4P 2G11	70 °C
15699900	CorePro LED PLL EM/Mains 8W 830 4P	70 °C
15701900	CorePro LED PLL EM/Mains 8W 840 4P	70 °C
28720400	CorePro LED Urban PLL Mains 18W 830	55 °C
28722800	CorePro LED Urban PLL Mains 18W 840	55 °C

Características mecânicas e compartimento

Order Code	Full Product Name	Acabamento da lâmpada
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	-
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	-
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	-
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	Fosca
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	Fosca
82839700	CorePro LED PLL HF 24W 830 4P 2G11	-
82841000	CorePro LED PLL HF 24W 840 4P 2G11	-
82843400	CorePro LED PLL HF 24W 865 4P 2G11	-
15711800	CorePro LED PLL Mains 24W 830 4P	Fosca
15713200	CorePro LED PLL Mains 24W 840 4P	Fosca
28716700	CorePro LED Urban PLL Mains 13W 830	Transparente

Order Code	Full Product Name	Acabamento da lâmpada
28718100	CorePro LED Urban PLL Mains 13W 840	Transparente
48680500	CorePro LED PLL HF 12W 830 4P 2G11	Fosca
48682900	CorePro LED PLL HF 12W 840 4P 2G11	Fosca
15703300	CorePro LED PLL EM/Mains 12W 830 4P	Fosca
15705700	CorePro LED PLL EM/Mains 12W 840 4P	Fosca
48676800	CorePro LED PLL HF 8W 830 4P 2G11	Fosca
48678200	CorePro LED PLL HF 8W 840 4P 2G11	Fosca
15699900	CorePro LED PLL EM/Mains 8W 830 4P	Fosca
15701900	CorePro LED PLL EM/Mains 8W 840 4P	Fosca
28720400	CorePro LED Urban PLL Mains 18W 830	Transparente
28722800	CorePro LED Urban PLL Mains 18W 840	Transparente

Aprovação e aplicação

Order Code	Full Product Name	Intervalo de temperatura ambiente	Consumo de energia kWh/1000 h
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	-20 °C a 45 °C	17 kWh
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	-20 °C a 45 °C	17 kWh
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	-20 °C a 45 °C	17 kWh
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	-20 °C a 45 °C	17 kWh
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	-20 °C a 45 °C	17 kWh
82839700	CorePro LED PLL HF 24W 830 4P 2G11	-20 °C a 45 °C	24 kWh
82841000	CorePro LED PLL HF 24W 840 4P 2G11	-20 °C a 45 °C	24 kWh
82843400	CorePro LED PLL HF 24W 865 4P 2G11	-20 °C a 45 °C	24 kWh
15711800	CorePro LED PLL Mains 24W 830 4P	-20 °C a 45 °C	24 kWh
15713200	CorePro LED PLL Mains 24W 840 4P	-20 °C a 45 °C	24 kWh
28716700	CorePro LED Urban PLL Mains 13W 830	-30 a +45 °C	13 kWh
28718100	CorePro LED Urban PLL Mains 13W 840	-30 a +45 °C	13 kWh

Order Code	Full Product Name	Intervalo de temperatura ambiente	Consumo de energia kWh/1000 h
48680500	CorePro LED PLL HF 12W 830 4P 2G11	-20 °C a 45 °C	12 kWh
48682900	CorePro LED PLL HF 12W 840 4P 2G11	-20 °C a 45 °C	12 kWh
15703300	CorePro LED PLL EM/Mains 12W 830 4P	-20 °C a 45 °C	12 kWh
15705700	CorePro LED PLL EM/Mains 12W 840 4P	-20 °C a 45 °C	12 kWh
48676800	CorePro LED PLL HF 8W 830 4P 2G11	-20 °C a 45 °C	8 kWh
48678200	CorePro LED PLL HF 8W 840 4P 2G11	-20 °C a 45 °C	8 kWh
15699900	CorePro LED PLL EM/Mains 8W 830 4P	-20 °C a 45 °C	8 kWh
15701900	CorePro LED PLL EM/Mains 8W 840 4P	-20 °C a 45 °C	8 kWh
28720400	CorePro LED Urban PLL Mains 18W 830	-30 a +45 °C	18 kWh
28722800	CorePro LED Urban PLL Mains 18W 840	-30 a +45 °C	18 kWh

