La nuova gamma di lampade PLL LED a risparmio energetico

CorePro LED PLL

Philips CorePro LED PLL è la soluzione di rinnovamento delle lampade ideale per i downlight e gli apparecchi d'illuminazione in un'ampia gamma di applicazioni d'illuminazione generale. Integra una sorgente luminosa LED in un fattore di forma fluorescente tradizionale per offrire un incredibile risparmio energetico e una durata doppia rispetto alle alternative fluorescenti.

Vantaggi

- Costi operativi ridotti grazie a un minor consumo energetico rispetto alle lampade PLL convenzionali e costi di manutenzione ridotti grazie a una durata doppia/tripla rispetto alle lampade convenzionali
- Semplice sostituzione 1:1, possibilità di riutilizzare l'apparecchio esistente senza particolari modifiche grazie alla forma e dimensione simile alle tradionali PLL. Compatibile con reattori elettronici, disponibile una differente versione compatibile con elettromagnetico e tensione di rete (EM/Mains)
- Il modo più rapido e semplice per aggiornare gli apparecchi d'illuminazione esistenti con la tecnologia LED

Caratteristiche

- Luce di alta qualità senza sfarfallio o effetto stroboscopico
- Accensione immediata al 100%
- A scelta tra: 3000 K, 4000 K e 6500 K

Applicazione

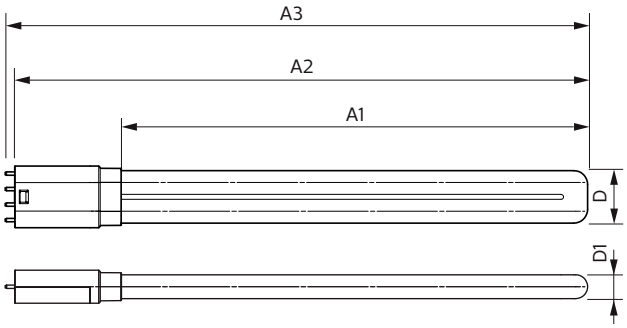
- Hotel, ristoranti e bar
- Vendita al dettaglio
- Uffici (scale, corridoi)
- Zone industriali

CorePro LED PLL

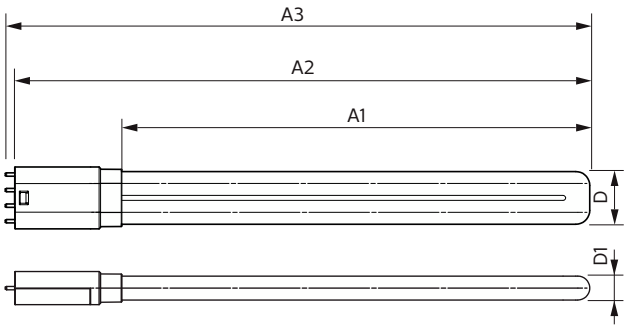
Versions

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

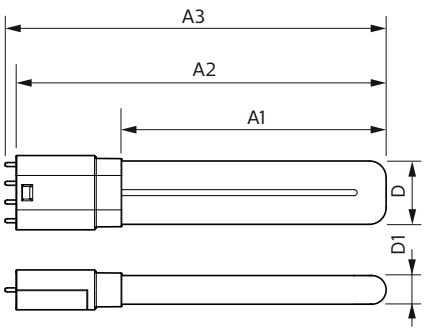
Disegno tecnico



Product	D1	D2	A1	A2	A3
CorePro LED PLL EM/Mains 16.5W 830 4P	17 mm		330 mm	405 mm	412 mm
CorePro LED PLL EM/Mains 16.5W 840 4P	17 mm		330 mm	405 mm	412 mm
CorePro LED PLL HF 16.5W 830 4P 2G11	43,6 mm	23,4 mm	329,5 mm	405 mm	411,6 mm
CorePro LED PLL HF 16.5W 840 4P 2G11	43,6 mm	23,4 mm	329,5 mm	405 mm	411,6 mm
CorePro LED PLL HF 16.5W 865 4P 2G11	43,6 mm	23,4 mm	329,5 mm	405 mm	411,6 mm



Product	D	D1	A1	A2	A3
CorePro LED PLL EM/Mains 12W 830 4P	17 mm		250 mm	312 mm	319 mm
CorePro LED PLL EM/Mains 12W 840 4P	17 mm		250 mm	312 mm	319 mm
CorePro LED PLL HF 12W 830 4P 2G11	17 mm		250 mm	312 mm	319 mm
CorePro LED PLL HF 12W 840 4P 2G11	17 mm		250 mm	312 mm	319 mm
CorePro LED PLL HF 24W 830 4P 2G11	37,6 mm	17 mm	453 mm	528,5 mm	535,1 mm
CorePro LED PLL HF 24W 840 4P 2G11	37,6 mm	17 mm	453 mm	528,5 mm	535,1 mm
CorePro LED PLL HF 24W 865 4P 2G11	37,6 mm	17 mm	453 mm	528,5 mm	535,1 mm
CorePro LED PLL Mains 24W 830 4P	17 mm		453 mm	528 mm	535 mm
CorePro LED PLL Mains 24W 840 4P	17 mm		453 mm	528 mm	535 mm



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

CorePro LED PLL

Informazioni generali	
Attacco	2G11
Durata nominale	30.000 ore
Dati tecnici di illuminazione	
Angolo del fascio (Nom)	160 °
LLMF a fine durata vita nominale (Nom)	70 %
Funzionamento e parte elettrica	
Tempo di avvio (Nom)	0,5 s
Temperatura	
Range temperatura ambiente	Da -20 °C a 45 °C
Controlli e dimmerazione	
Dimmerabile	No
Meccanica e corpo	
Forma lampadina	PL-L

Informazioni generali

Order Code	Full Product Name	Ciclo di commutazione on/off
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	50.000
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	50.000
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	50.000
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	200.000
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	200.000
82839700	CorePro LED PLL HF 24W 830 4P 2G11	50.000
82841000	CorePro LED PLL HF 24W 840 4P 2G11	50.000
82843400	CorePro LED PLL HF 24W 865 4P 2G11	50.000
15711800	CorePro LED PLL Mains 24W 830 4P	200.000
15713200	CorePro LED PLL Mains 24W 840 4P	200.000
48680500	CorePro LED PLL HF 12W 830 4P 2G11	50.000
48682900	CorePro LED PLL HF 12W 840 4P 2G11	50.000
15703300	CorePro LED PLL EM/Mains 12W 830 4P	200.000
15705700	CorePro LED PLL EM/Mains 12W 840 4P	200.000
48676800	CorePro LED PLL HF 8W 830 4P 2G11	50.000
48678200	CorePro LED PLL HF 8W 840 4P 2G11	50.000
15699900	CorePro LED PLL EM/Mains 8W 830 4P	200.000
15701900	CorePro LED PLL EM/Mains 8W 840 4P	200.000

Dati tecnici di illuminazione

Order Code	Full Product Name	Temperatura del colore correlata	Indice di resa cromatica (CRI)	Codice colore	Flusso luminoso
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	3000 K	83	830	2.000 lm
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	4000 K	83	840	2.100 lm
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	6500 K	83	865	2.100 lm
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	3000 K	80	830	2.000 lm
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	4000 K	80	840	2.100 lm
82839700	CorePro LED PLL HF 24W 830 4P 2G11	3000 K	83	830	3.200 lm
82841000	CorePro LED PLL HF 24W 840 4P 2G11	4000 K	83	840	3.400 lm
82843400	CorePro LED PLL HF 24W 865 4P 2G11	6500 K	83	865	3.400 lm
15711800	CorePro LED PLL Mains 24W 830 4P	3000 K	80	830	3.200 lm
15713200	CorePro LED PLL Mains 24W 840 4P	4000 K	80	840	3.400 lm
48680500	CorePro LED PLL HF 12W 830 4P 2G11	3000 K	80	830	1.440 lm
48682900	CorePro LED PLL HF 12W 840 4P 2G11	4000 K	80	840	1.500 lm
15703300	CorePro LED PLL EM/Mains 12W 830 4P	3000 K	80	830	1.440 lm
15705700	CorePro LED PLL EM/Mains 12W 840 4P	4000 K	80	840	1.500 lm
48676800	CorePro LED PLL HF 8W 830 4P 2G11	3000 K	80	830	960 lm
48678200	CorePro LED PLL HF 8W 840 4P 2G11	4000 K	80	840	1.000 lm
15699900	CorePro LED PLL EM/Mains 8W 830 4P	3000 K	80	830	960 lm
15701900	CorePro LED PLL EM/Mains 8W 840 4P	4000 K	80	840	1.000 lm

CorePro LED PLL

Funzionamento e parte elettrica

Order Code	Full Product Name	Frequenza di ingresso	Frequenza di linea	Consumo energetico
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	Da 50 a 60 Hz	50 to 60 Hz	16,5 W
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	Da 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	Da 50 a 60 Hz	50 to 60 Hz	24 W

Order Code	Full Product Name	Frequenza di ingresso	Frequenza di linea	Consumo energetico
15713200	CorePro LED PLL Mains 24W 840 4P	Da 50 a 60 Hz	50 to 60 Hz	24 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	Da 50 a 60 Hz	50 to 60 Hz	12 W
15705700	CorePro LED PLL EM/Mains 12W 840 4P	Da 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	Da 50 a 60 Hz	50 to 60 Hz	8 W
15701900	CorePro LED PLL EM/Mains 8W 840 4P	Da 50 a 60 Hz	50 to 60 Hz	8 W

Temperatura

Order Code	Full Product Name	Temp. massima involucro (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
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

Order Code	Full Product Name	Temp. massima involucro (Nom)
15713200	CorePro LED PLL Mains 24W 840 4P	75 °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
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

Meccanica e corpo

Order Code	Full Product Name	Finitura lampadina
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	Smerigliata

Order Code	Full Product Name	Finitura lampadina
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	Smerigliata
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	-

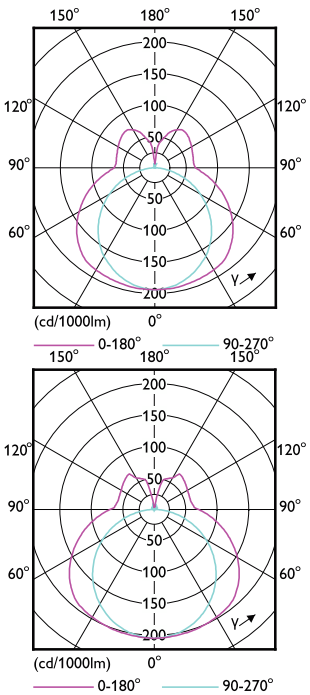
CorePro LED PLL

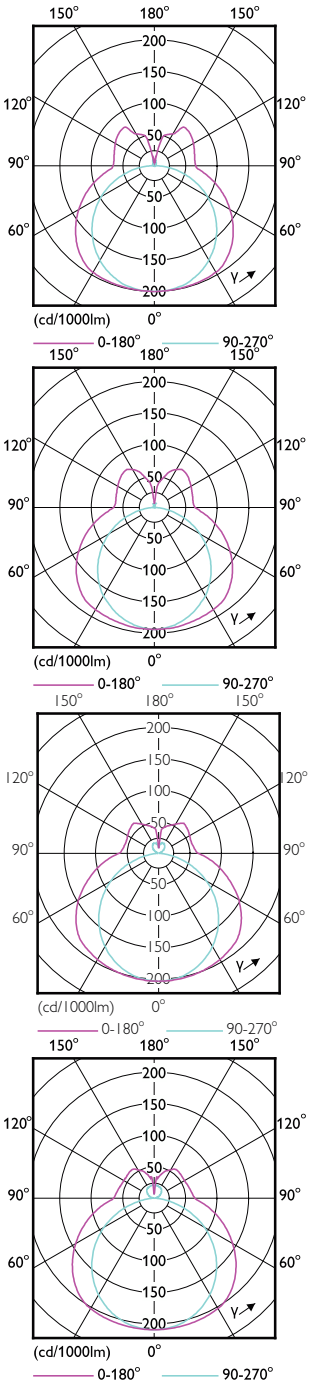
Order Code	Full Product Name	Finitura lampadina
15711800	CorePro LED PLL Mains 24W 830 4P	Smerigliata
15713200	CorePro LED PLL Mains 24W 840 4P	Smerigliata
48680500	CorePro LED PLL HF 12W 830 4P 2G11	Smerigliata
48682900	CorePro LED PLL HF 12W 840 4P 2G11	Smerigliata
15703300	CorePro LED PLL EM/Mains 12W 830 4P	Smerigliata

Order Code	Full Product Name	Finitura lampadina
15705700	CorePro LED PLL EM/Mains 12W 840 4P	Smerigliata
48676800	CorePro LED PLL HF 8W 830 4P 2G11	Smerigliata
48678200	CorePro LED PLL HF 8W 840 4P 2G11	Smerigliata
15699900	CorePro LED PLL EM/Mains 8W 830 4P	Smerigliata
15701900	CorePro LED PLL EM/Mains 8W 840 4P	Smerigliata

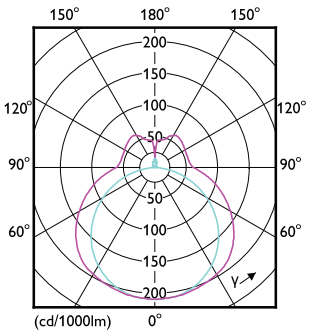
Approvazione e applicazione

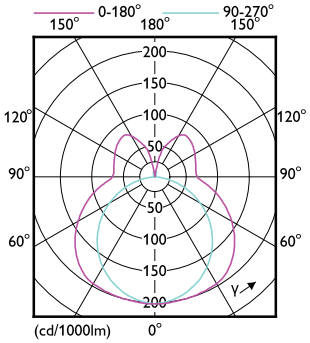
Order Code	Full Product Name	Consumo energetico kWh/ 1000 h
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	17 kWh
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	17 kWh
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	17 kWh
15707100	CorePro LED PLL EM/Mains 16.5W 830 4P	17 kWh
15709500	CorePro LED PLL EM/Mains 16.5W 840 4P	17 kWh
82839700	CorePro LED PLL HF 24W 830 4P 2G11	24 kWh
82841000	CorePro LED PLL HF 24W 840 4P 2G11	24 kWh
82843400	CorePro LED PLL HF 24W 865 4P 2G11	24 kWh
15711800	CorePro LED PLL Mains 24W 830 4P	24 kWh
15713200	CorePro LED PLL Mains 24W 840 4P	24 kWh
48680500	CorePro LED PLL HF 12W 830 4P 2G11	12 kWh
48682900	CorePro LED PLL HF 12W 840 4P 2G11	12 kWh
15703300	CorePro LED PLL EM/Mains 12W 830 4P	12 kWh
15705700	CorePro LED PLL EM/Mains 12W 840 4P	12 kWh
48676800	CorePro LED PLL HF 8W 830 4P 2G11	8 kWh
48678200	CorePro LED PLL HF 8W 840 4P 2G11	8 kWh
15699900	CorePro LED PLL EM/Mains 8W 830 4P	8 kWh
15701900	CorePro LED PLL EM/Mains 8W 840 4P	8 kWh

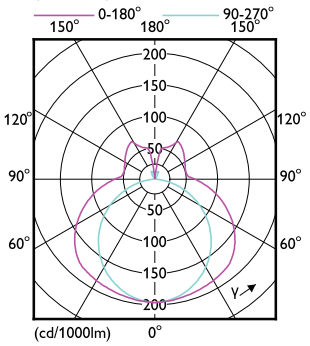


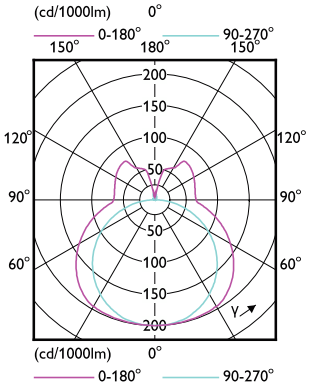


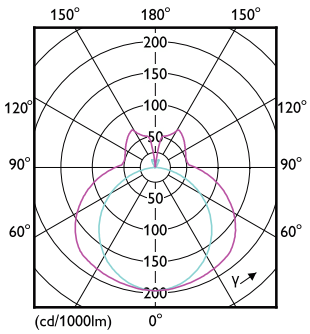
CorePro LED PLL

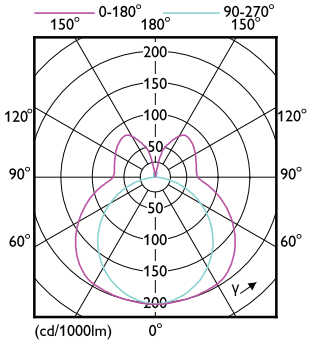


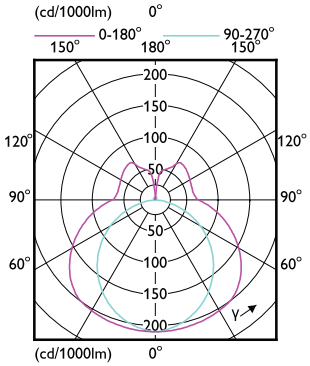


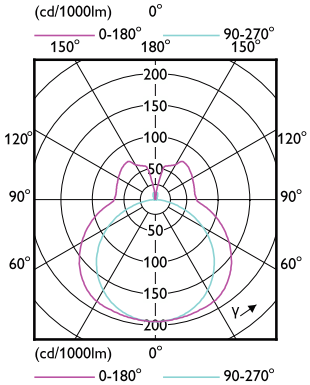












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