



# The new generation of energy-saving LED PLC 4P tube lighting

## CorePro LED PLC 4P

The CorePro LED PLC 4P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

### Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology
- Completely safe product and installation process

### Features

- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

### Application

- Hospitality, retail, office, industrial and home applications

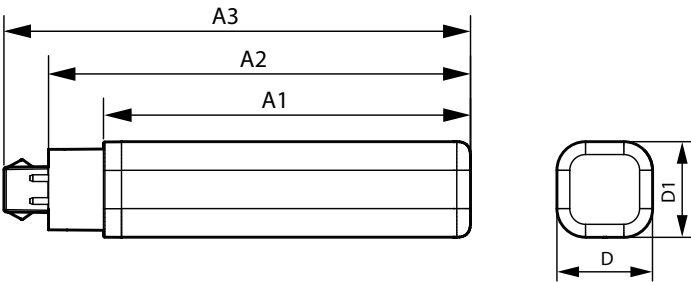
CorePro LED PLC 4P

Versions

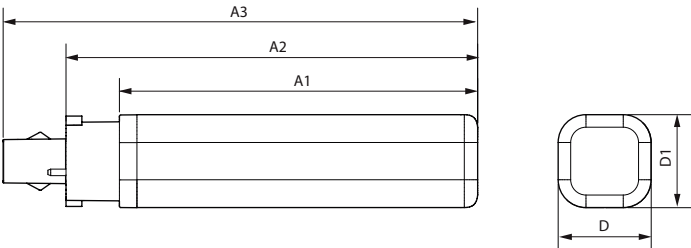


SPPR\_MLEDGA\_0028-Product photo

Dimensional drawing



Product	D1	D	A1	A2	A3
CorePro LED PLC 4.5W 830 4P G24q-1	34 mm	34 mm	95 mm	115 mm	131 mm
CorePro LED PLC 4.5W 840 4P G24q-1	34 mm	34 mm	95 mm	115 mm	131 mm
CorePro LED PLC 6.5W 830 4P G24q-2	34 mm	34 mm	105 mm	125 mm	141 mm
CorePro LED PLC 6.5W 840 4P G24q-2	34 mm	34 mm	105 mm	125 mm	141 mm
CorePro LED PLC 9W 830 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm
CorePro LED PLC 9W 840 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm



Product	D1	D2	A1	A2	A3
CorePro LED PLC 5.5W 830 4P G24q-1	34 mm	34 mm	109 mm	128 mm	144 mm
CorePro LED PLC 5.5W 840 4P G24q-1	34 mm	34 mm	109 mm	128 mm	144 mm
CorePro LED PLC 6.5W 830 4P G24q-2	34 mm	34 mm	109 mm	128 mm	144 mm
CorePro LED PLC 6.5W 840 4P G24q-2	34 mm	34 mm	109 mm	128 mm	144 mm
CorePro LED PLC 9.5W 830 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm
CorePro LED PLC 9.5W 840 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

CorePro LED PLC 4P

General Information	
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	120 degree(s)
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PL-C

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	G24q-1	50,000
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	G24q-1	50,000
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	G24q-2	50,000
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	G24q-2	50,000
929001200802	CorePro LED PLC 9W 830 4P G24q-3	G24q-3	50,000
929001200902	CorePro LED PLC 9W 840 4P G24q-3	G24q-3	50,000

Order Code	Full Product Name	Cap-Base	Switching Cycle
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	G24q-1 ROT	200,000
929003757702	CorePro LED PLC 5.5W 840 4P G24q-1	G24q-1 ROT	200,000
929003757802	CorePro LED PLC 6.5W 830 4P G24q-2	G24q-2 ROT	200,000
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	G24q-2 ROT	200,000
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	G24q-3 ROT	200,000
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	G24q-3 ROT	200,000

Light Technical

Order Code	Full Product Name	Correlated			
		Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	3000 K	83	830	475 lm
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	4000 K	83	840	500 lm
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	3000 K	83	830	650 lm
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	4000 K	83	840	700 lm
929001200802	CorePro LED PLC 9W 830 4P G24q-3	3000 K	83	830	950 lm
929001200902	CorePro LED PLC 9W 840 4P G24q-3	4000 K	83	840	1,000 lm

Order Code	Full Product Name	Correlated			
		Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	3000 K	82	830	600 lm
929003757702	CorePro LED PLC 5.5W 840 4P G24q-1	4000 K	82	840	660 lm
929003757802	CorePro LED PLC 6.5W 830 4P G24q-2	3000 K	82	830	700 lm
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	4000 K	82	840	770 lm
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	3000 K	82	830	990 lm
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	4000 K	82	840	1,100 lm

Operating and Electrical

CorePro LED PLC 4P

Full Product				Power
Order Code	Name	Input Frequency	Line Frequency	Consumption
929001351002	CorePro LED	30000-80000 Hz	30000-80000	4.5 W
	PLC 4.5W 830		Hz	
	4P G24q-1			
929001351102	CorePro LED	30000-80000 Hz	30000-80000	4.5 W
	PLC 4.5W 840		Hz	
	4P G24q-1			
929001201002	CorePro LED	30000-80000 Hz	30000-80000	6.5 W
	PLC 6.5W 830		Hz	
	4P G24q-2			
929001201102	CorePro LED	30000-80000 Hz	30000-80000	6.5 W
	PLC 6.5W 840		Hz	
	4P G24q-2			
929001200802	CorePro LED	30000-80000 Hz	30000-80000	9 W
	PLC 9W 830 4P		Hz	
	G24q-3			
929001200902	CorePro LED	30000-80000 Hz	30000-80000	9 W
	PLC 9W 840 4P		Hz	
	G24q-3			

Full Product				Power
Order Code	Name	Input Frequency	Line Frequency	Consumption
929003757602	CorePro LED	50 to 60 Hz	-	5.5 W
	PLC 5.5W 830			
	4P G24q-1			
929003757702	CorePro LED	50 to 60 Hz	-	5.5 W
	PLC 5.5W 840			
	4P G24q-1			
929003757802	CorePro LED	50 to 60 Hz	-	6.5 W
	PLC 6.5W 830			
	4P G24q-2			
929003757902	CorePro LED	50 to 60 Hz	-	6.5 W
	PLC 6.5W 840			
	4P G24q-2			
929003758002	CorePro LED	50 to 60 Hz	-	9.5 W
	PLC 9.5W 830			
	4P G24q-3			
929003758102	CorePro LED	50 to 60 Hz	-	9.5 W
	PLC 9.5W 840			
	4P G24q-3			

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	60 °C
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	60 °C
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	66 °C
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	66 °C
929001200802	CorePro LED PLC 9W 830 4P G24q-3	76 °C
929001200902	CorePro LED PLC 9W 840 4P G24q-3	76 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	70 °C
929003757702	CorePro LED PLC 5.5W 840 4P G24q-1	70 °C
929003757802	CorePro LED PLC 6.5W 830 4P G24q-2	70 °C
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	70 °C
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	75 °C
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	75 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	-
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	-
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	-
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	-
929001200802	CorePro LED PLC 9W 830 4P G24q-3	-
929001200902	CorePro LED PLC 9W 840 4P G24q-3	-

Order Code	Full Product Name	Bulb Finish
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	Frosted
929003757702	CorePro LED PLC 5.5W 840 4P G24q-1	Frosted
929003757802	CorePro LED PLC 6.5W 830 4P G24q-2	Frosted
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	Frosted
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	Frosted
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	Frosted

Approval and Application

			Energy
Order Code	Full Product Name	Ambient temperature range	Consumption kWh/1000 h
929001351002	CorePro LED PLC 4.5W	-20 °C to 35 °C	5 kWh
	830 4P G24q-1		
929001351102	CorePro LED PLC 4.5W	-20 °C to 35 °C	5 kWh
	840 4P G24q-1		
929001201002	CorePro LED PLC 6.5W	-20 °C to 35 °C	7 kWh
	830 4P G24q-2		

			Energy
Order Code	Full Product Name	Ambient temperature range	Consumption kWh/1000 h
929001201102	CorePro LED PLC 6.5W	-20 °C to 35 °C	7 kWh
	840 4P G24q-2		
929001200802	CorePro LED PLC 9W	-20 °C to 35 °C	9 kWh
	830 4P G24q-3		
929001200902	CorePro LED PLC 9W	-20 °C to 35 °C	9 kWh
	840 4P G24q-3		

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Order Code	Full Product Name	Ambient temperature range	Energy
			Consumption kWh/1000 h
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	-20 to +45 °C	6 kWh
929003757702	CorePro LED PLC 5.5W 840 4P G24q-1	-20 to +45 °C	6 kWh
929003757802	CorePro LED PLC 6.5W 830 4P G24q-2	-20 to +45 °C	7 kWh
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	-20 to +45 °C	7 kWh
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	-20 to +45 °C	10 kWh
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	-20 to +45 °C	10 kWh

