PHILIPS Lighting



Mains-voltage LED specialty product with huge energy saving and high light output

CorePro LEDcapsule MV

The LED specialties deliver a high quality light to make themselves to be a true replacement of halogen specialty lamp (such as G9 and R7S). It is particularly suit for task lighting in hotel and restaurants, and ideal for decorative and ambient application. LEDspecialty products deliver huge energy saving and minimize maintenance costs, without any compromise on light quality.

Benefits

- \cdot Up to 90% energy saving compared with halogen lamps
- \cdot Lower maintenance costs
- Broad compatibility with transformers

Features

- Easy retrofit
- Lifetime of 15,000 hours
- \cdot UV- and IR-free light
- \cdot Free of mercury and hazardous materials RoHS compliant

Application

• Hotels, museums, shops, washrooms, reception areas, exhibitions, display cabinets

Versions







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Product

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LED 25W G9 WW 230V Dim SRT6

LED 25W G9 WW ND 3PF 6 DISC

LEDcapsule CorePro ND 4,8 60W G9 827

CorePro LEDcapsule 1.9-25W ND G9 830

CorePro LEDcapsuleMV 2.7-25W G9 827 D

CorePro LEDcapsuleMV 4-40W G9 827 D

LED 40W G9 WW 230V Dim SRT6

D

14 mm

16 mm

18 mm

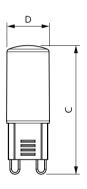
с

43 mm

52 mm

59 mm

Dimensional drawing



General Information	
Cap-Base	G9
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
Light Technical	
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

Light Technical

			Correlated						Correlated		
		Beam	Color					Beam	Color		
		Angle	Temperature	Color	Luminous			Angle	Temperature	Color	Luminous
Order Code	Full Product Name	(Nom)	(Nom)	Code	Flux	Order Code	Full Product Name	(Nom)	(Nom)	Code	Flux
929003791102	CorePro	320	2700 K	827	300 lm	929003790602	CorePro	320	3000 K	830	220 lm
	LEDcapsuleMV	degree(s)					LEDcapsule	degree(s)			
	2.7-25W G9 827 D						1.9-25W ND G9 830				

			Correlated						Correlated		
		Beam	Color					Beam	Color		
		Angle	Temperature	Color	Luminous			Angle	Temperature	Color	
Order Code	Full Product Name	(Nom)	(Nom)	Code	Flux	Order Code	Full Product Name	(Nom)	(Nom)	Code	I
929002059802	CorePro	-	3000 K	830	570 lm	929003791202	CorePro	320	2700 K	827	4
	LEDcapsule ND						LEDcapsuleMV	degree(s)			
	4.8-60W G9 830						4-40W G9 827 D				

Operating and Electrical

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
929003791102	CorePro	-	2.7 W	25 W
	LEDcapsuleMV			
	2.7-25W G9 827 D			
929003790602	CorePro LEDcapsule	-	1.9 W	25 W
	1.9-25W ND G9 830			

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
929002059802	CorePro LEDcapsule	50 to 60 Hz	4.8 W	60 W
	ND 4.8-60W G9 830			
929003791202	CorePro	-	4 W	40 W
	LEDcapsuleMV 4-40W			
	G9 827 D			

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929003791102	CorePro LEDcapsuleMV 2.7-25W G9 827 D	88 °C
929003790602	CorePro LEDcapsule 1.9-25W ND G9 830	92 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002059802	CorePro LEDcapsule ND 4.8-60W G9 830	99 °C
929003791202	CorePro LEDcapsuleMV 4-40W G9 827 D	93 ℃

Controls and Dimming

Order Code	Full Product Name	Dimmable
929003791102	CorePro LEDcapsuleMV 2.7-25W G9 827 D	Only with specific dimmers
929003790602	CorePro LEDcapsule 1.9-25W ND G9 830	No

Order Code	Full Product Name	Dimmable
929002059802	CorePro LEDcapsule ND 4.8-60W G9 830	No
929003791202	CorePro LEDcapsuleMV 4-40W G9 827 D	Only with specific dimmers

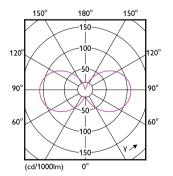
Mechanical and Housing

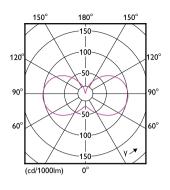
Order Code	Full Product Name	Bulb Finish	Bulb Shape
929003791102	CorePro LEDcapsuleMV 2.7-25W G9 827 D	Frosted	G9
929003790602	CorePro LEDcapsule 1.9-25W ND G9 830	Frosted	G9

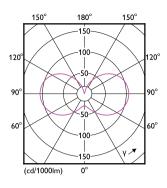
Order Code	Full Product Name	Bulb Finish	Bulb Shape
929002059802	CorePro LEDcapsule ND 4.8-60W G9 830	-	Capsule
929003791202	CorePro LEDcapsuleMV 4-40W G9 827 D	Frosted	G9

Approval and Application

			Energy
		Ambient	Consumption kWh/
Order Code	Full Product Name	temperature range	1000 h
929003791102	CorePro LEDcapsuleMV	-20 to +45 °C	3 kWh
	2.7-25W G9 827 D		
929003790602	CorePro LEDcapsule	-20 to +45 °C	2 kWh
	1.9-25W ND G9 830		
929002059802	CorePro LEDcapsule ND	-	5 kWh
	4.8-60W G9 830		
929003791202	CorePro LEDcapsuleMV	-20 to +45 °C	4 kWh
	4-40W G9 827 D		









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