

PHILIPS

LED

CorePro Plastic
PAR20 lamps



The perfect LED accent light with a **sleek design for a seamless look**

PAR20 lamps offering instant energy savings and unbeatable Philips quality

Benefits

- Saves 86% energy when compared to a 50W halogen PAR20[†]
- Long life lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- Suitable for use in enclosed fixtures where ambient temperature is between -4°F (-20°C) and 113°F (45°C)

Features

- Available in black and white casing
- 25,000-hour rated average life for Energy Star[®] qualified lamps¹
- 3-year limited warranty depending upon operating hours[‡]

Philips CorePro plastic PAR20 lamps

Ordering, electrical and technical data (Subject to change without notice)

Product	Model Number	Order Code	Nom. Watts	Replacement Watts	Volts	Energy Star	Base	LED Lifetime ¹ (hrs.)	Approx Lumens	MBCP ² (Cd)	Color Temp (K)	CRI	Dim ³
547661	929002091904	7PAR20/COR/827/F40/DIM/120V 6/1FB	7	50	120	Yes	PAR20	25000	525	593	2700	80	Yes
547679	929002092004	7PAR20/COR/827/F40/DIM/120V B 6/1FB	7	50	120	Yes	PAR20	25000	525	593	2700	80	Yes

Energy saving solution

Estimated lighting costs using a standard 50W PAR20 halide lamp		
Present Wattage	50	W
× Annual operating hours	4,000	hrs
=	200,000	Watt-Hours
÷ 1,000	200	kWh per year
× kWh rate of \$0.11	\$22.00	per year
× 100 lamps	\$2,200.00	annual energy cost per space
Philips 6W PAR20 LED replacement lamp		
Present Wattage	7	W
× Annual operating hours	4,000	hrs
=	28,000	Watt-Hours
÷ 1,000	28	kWh per year
× kWh rate of \$0.11	\$3.08	per year
× 100 lamps	\$308.00	annual energy cost per space
Total estimated annual savings⁹	\$1,892.00	

† Based on 100 lamps per space operating at 4,000 hours per year at 11¢/kWh.
Cost depends on rates and use.

This example shows an application of 100 7W LED PAR20 replacement lamps operating 4,000 hours per year at a cost of \$0.11 per kWh. Replacing 100 standard 50W PAR20 halogen lamps with the Philips LED replacement lamps can provide significant energy cost savings of \$1,892.00 per year. Your actual savings may vary depending on the energy costs in your geographic location.

WARNINGS AND CAUTIONS

- Suitable for use in damp locations.
- Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

CAUTION: Risk of electric shock— do not use where directly exposed to water.

NOTES: This device complies with Part 15 of the FCC rule. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class B digital apparatus complies with Canadian ICES-005. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This Class B complies with Canadian ICES-005.

Footnotes:

1. Early initial qualification for Energy Star allows for directional lamp life claims of 25,000 hours (L70) with 3,000 hour actual test data, LM80 data and in-situ temperature measurements. As the lamps pass Energy Star requirements, manufacturers may increase the lifetime of a product as dictated by Energy Star guidelines. See http://www.energystar.gov/index.cfm?fuseaction=products_for_partners.showLightbulbs for further details. Based on average usage of 3 hrs/day, 7 days/week.
2. Based on photometric testing consistent with IES LM-79. Maximum Beam Candlepower.
3. Dimmable when using leading and trailing edge dimmers. (See <http://www.philips.com/ledtechguide> for compatible dimmers.)
- † Light output comparison based upon the ENERGY STAR® Integral LED Lamp Center Beam Intensity Benchmark tool which can be found at EnergyStar.gov/LEDbulbs, LED.
- ‡ For details, please visit <http://www.usa.lighting.philips.com/support/support/warranty>.



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