

PHILIPS

LED

PAR20 Dimmable



Create a seamless look with this sleek design.

High efficacy dimmable LED reflector lamp

- 8W PAR20 saves 42 watts of energy when compared to a 50W halogen PAR20¹
- 45,000-hour average rated life²
- Smooth dimming to 10% of full light levels³
- Excellent color rendering of 84 CRI
- Instant-on light
- Emits virtually no UV/IR light in the beam
- Contains no mercury

Easy to experience

- Lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- 5-year limited warranty depending upon operating hours

Philips LED PAR20 Dimmable Lamps



Ordering, Electrical and Technical Data (Subject to change without notice)

Prod. No.	Model Number	Ordering Code	Nom. Watts	Volts	Description	Base	CRI	Rated Average Life (hrs) ²	Approx. Lumens	Approx. MBCP ⁴	Est. Energy Cost ⁵	Color Temp. (K)	MOL (in.)	Key
42612-2	9290002330	8PAR20/END/F25 2700 DIM	8	120	Dimmable PAR20 25' 2700K	PAR20	84	45,000	450	2300	\$0.96	2700	3.5	A
45341-5	9290011226	8PAR20/F25 2700 DIM B	8	120	Dimmable PAR20 25' 2700K	PAR20	84	45,000	450	2300	\$0.96	2700	3.5	B
42613-0	9290002331	8PAR20/END/F25 3000 DIM	8	120	Dimmable PAR20 25' 3000K	PAR20	84	45,000	470	2400	\$0.96	3000	3.5	A
45342-3	9290011227	8PAR20/F25 3000 DIM B	8	120	Dimmable PAR20 25' 3000K	PAR20	84	45,000	470	2400	\$0.96	3000	3.5	B
42614-8	9290002332	8PAR20/END/F25 4000 DIM	8	120	Dimmable PAR20 25' 4000K	PAR20	84	45,000	470	2400	\$0.96	4000	3.5	A
42615-5	9290002333	8PAR20/END/F36 2700 DIM	8	120	Dimmable PAR20 36' 2700K	PAR20	84	45,000	450	1100	\$0.96	2700	3.5	A
42616-3	9290002334	8PAR20/END/F36 3000 DIM	8	120	Dimmable PAR20 36' 3000K	PAR20	84	45,000	470	1100	\$0.96	3000	3.5	A
42617-1	9290002335	8PAR20/END/F36 4000 DIM	8	120	Dimmable PAR20 36' 3000K	PAR20	84	45,000	470	1200	\$0.96	3000	3.5	A

ENERGY STAR® Certified LED Lamp.

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty	Weight (lbs.)	Cube (cu. ft.)	Pallet Qty.	Per Layer	Layers High	SKU Dimensions (W x D x H)(in.)	Case Dimensions (W x D x H)(in.)	Pallet Dimensions (W x D x H)(in.)
42612-2	42612-5	42612-0	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
45341-5	45341-1	45341-6	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
42613-0	42613-2	42613-7	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
45342-3	45342-8	45342-3	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
42614-8	42614-9	42614-4	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
42615-5	42615-6	42615-1	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
42616-3	42616-3	42616-8	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
42617-1	42617-0	42617-5	6	1.3	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2

Energy Saving Solution

Estimated Lighting Costs Using a Standard 50W Halogen PAR20

Present Wattage	50	W
x Annual Operating Hours	4,000	hrs
=	200,000	watt-hours
÷1,000	=	200 kWh per year
x kWh rate of \$0.11	=	\$22.00 per year
x 500 fixtures	=	\$2,200 annual energy cost per space

Estimated Lighting Costs Using a Philips 8W PAR20 Dimmable LED Lamp

Present Wattage	8	W
x Annual Operating Hours	4,000	hrs
=	32,000	watt-hours
÷1,000	=	32 kWh per year
x kWh rate of \$0.11	=	\$3.52 per year
x 500 fixtures	=	\$352 annual energy cost per space

Total Estimated Annual Savings⁶ = \$1,848

† Based on 100 lamps per space operating at 4,000 hours per year.

Footnotes:

- Light output of the 8W Philips LED PAR20 Dimmable LED Lamp with AirFlux Technology at 2400 candela compares to a 50W Halogen PAR20 at 1179 candela.
- Rated average life is based on engineering data testing and probability analysis.
- Dimmable when using leading and trailing edge dimmers (see Philips Website: www.philips.com/ledtechguide for compatible leading and trailing edge dimmers).
- Based on photometric testing consistent with IES LM-79. Maximum Beam Candlepower.
- Based on 3 hrs/day.

This energy saving example shows an application of 100 lamps in a space currently using a 50W Halogen PAR20, operating 3,000 hours per year at a cost of \$0.11 per kWh.¹ Your actual savings may vary depending on the energy costs in your geographic location.

Replacing 100 halogen 50W Halogen PAR20 lamps with the 8W Philips LED PAR20 Lamps can provide significant energy cost savings of \$1,848 per year! Potential savings from the reduction in HVAC costs as a result of using a lower wattage lamp that emits less heat is an additional benefit not included in this example.

WARNINGS AND CAUTIONS

- Suitable for use in damp locations.
- Not for use in totally enclosed luminaires.
- 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 operation.

NOTES: This device complies with Part 15 of the FCC Rules. 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-003.



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