

**PHILIPS**

LED

Glass PAR lamps



## A classic design for a familiar look

Philips LED glass PAR Lamps with single optic technology provide the familiar look and feel traditional halogen PARs while using a fraction of the energy.

### Benefits

- Saves 85% energy When comparing a 13.5W PAR38 LED lamp to a 90W halogen PAR38 lamp<sup>†</sup>
- Long life lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- Contains no mercury
- Suitable for use in enclosed fixtures

### Features

- 25,000-hour claimed lifetime for Energy Star<sup>®</sup> Qualified lamps\*
- 50,000-hour LED lifetime\*\*
- Glass finish for a look and feel replicating traditional halogen PARs
- 3-year limited warranty depending upon operating hours<sup>‡</sup>

# Glass PAR Philips LED Lamp

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

Product Number	Model Number	Order Code	Nom. Watts	Repl. Watts	Volts	Lamp Type	Base	LED Lifetime <sup>1</sup> (hrs.)	Lumens <sup>2</sup>	MBCP <sup>3</sup> (Cd)	Color Temp (K)	CRI	Dim <sup>4</sup>
46769-6	9290012912	16PAR38/AMB/F25/827/DIM ULW	16W	120W	120	PAR38	E26 Medium	25,000	1,200	6000	2700K	80	Dimmable
46770-4	9290012913	16PAR38/AMB/F25/830/DIM ULW	16W	120W	120	PAR38	E26 Medium	25,000	1,200	6000	3000K	80	Dimmable
46771-2	9290012914	16PAR38/AMB/F25/840/DIM ULW	16W	120W	120	PAR38	E26 Medium	25,000	1,200	6000	4000K	80	Dimmable
46818-1	9290012915	16PAR38/AMB/F25/850/DIM ULW	16W	120W	120	PAR38	E26 Medium	25,000	1,200	6000	5000K	80	Dimmable
46772-0	9290012916	16PAR38/AMB/F40/827/DIM ULW	16W	120W	120	PAR38	E26 Medium	25,000	1,200	2500	2700K	80	Dimmable
46773-8	9290012917	16PAR38/AMB/F40/830/DIM ULW	16W	120W	120	PAR38	E26 Medium	25,000	1,200	2500	3000K	80	Dimmable
46774-6	9290012918	16PAR38/AMB/F40/840/DIM ULW	16W	120W	120	PAR38	E26 Medium	25,000	1,200	2500	4000K	80	Dimmable
46775-3	9290012920	13.5PAR38/AMB/F25/827/DIM ULW	13.5W	90W	120	PAR38	E26 Medium	25,000	950	4100	2700K	80	Dimmable
46776-1	9290012921	13.5PAR38/AMB/F25/830/DIM ULW	13.5W	90W	120	PAR38	E26 Medium	25,000	950	4100	3000K	80	Dimmable
46777-9	9290012922	13.5PAR38/AMB/F25/840/DIM ULW	13.5W	90W	120	PAR38	E26 Medium	25,000	950	4100	4000K	80	Dimmable
46819-9	9290012923	13.5PAR38/AMB/F25/850/DIM ULW	13.5W	90W	120	PAR38	E26 Medium	25,000	950	4100	5000K	80	Dimmable
46778-7	9290012924	13.5PAR38/AMB/F40/827/DIM ULW	13.5W	90W	120	PAR38	E26 Medium	25,000	950	1700	2700K	80	Dimmable
46779-5	9290012925	13.5PAR38/AMB/F40/830/DIM ULW	13.5W	90W	120	PAR38	E26 Medium	25,000	950	1700	3000K	80	Dimmable
46780-3	9290012926	13.5PAR38/AMB/F40/840/DIM ULW	13.5W	90W	120	PAR38	E26 Medium	25,000	950	1700	4000K	80	Dimmable
46781-1	9290012940	12PAR30L/AMB/F25/827/DIM ULW	12W	75W	120	PAR30L	E26 Medium	25,000	850	3300	2700K	80	Dimmable
46782-9	9290012941	12PAR30L/AMB/F25/830/DIM ULW	12W	75W	120	PAR30L	E26 Medium	25,000	850	3300	3000K	80	Dimmable
46783-7	9290012942	12PAR30L/AMB/F25/840/DIM ULW	12W	75W	120	PAR30L	E26 Medium	25,000	850	3300	4000K	80	Dimmable
46784-5	9290012944	12PAR30L/AMB/F40/827/DIM ULW	12W	75W	120	PAR30L	E26 Medium	25,000	850	1500	2700K	80	Dimmable
46785-2	9290012945	12PAR30L/AMB/F40/830/DIM ULW	12W	75W	120	PAR30L	E26 Medium	25,000	850	1500	3000K	80	Dimmable
46786-0	9290012946	12PAR30L/AMB/F40/840/DIM ULW	12W	75W	120	PAR30L	E26 Medium	25,000	850	1500	4000K	80	Dimmable
46787-8	9290012948	12PAR30S/AMB/F25/827/DIM ULW	12W	75W	120	PAR30S	E26 Medium	25,000	850	3300	2700K	80	Dimmable
46788-6	9290012949	12PAR30S/AMB/F25/830/DIM ULW	12W	75W	120	PAR30S	E26 Medium	25,000	850	3300	3000K	80	Dimmable
46789-4	9290012950	12PAR30S/AMB/F25/840/DIM ULW	12W	75W	120	PAR30S	E26 Medium	25,000	850	3300	4000K	80	Dimmable
46790-2	9290012952	12PAR30S/AMB/F40/827/DIM ULW	12W	75W	120	PAR30S	E26 Medium	25,000	850	1500	2700K	80	Dimmable
46791-0	9290012953	12PAR30S/AMB/F40/830/DIM ULW	12W	75W	120	PAR30S	E26 Medium	25,000	850	1500	3000K	80	Dimmable
46792-8	9290012954	12PAR30S/AMB/F40/840/DIM ULW	12W	75W	120	PAR30S	E26 Medium	25,000	850	1500	4000K	80	Dimmable

## Energy Saving Solution

Estimated lighting costs using a standard 90W PAR38 Halogen lamp		
Present Wattage	90	W
× Annual operating hours	4,000	hrs
=	360,000	Watt-Hours
÷ 1,000	=	360 kWh per year
× kWh rate of \$0.11	=	\$39.60 per year
× 100 lamps	\$3,960.00	annual energy cost per space
Estimated Lighting Costs Using a Philips 13.5W PAR38 LED lamp		
Present Wattage	13.5	W
× Annual operating hours	4,000	hrs
=	54,000	Watt-Hours
÷ 1,000	=	54 kWh per year
× kWh rate of \$0.11	=	\$5.94 per year
× 100 lamps	\$594.00	annual energy cost per space
<b>Total estimated annual savings<sup>†</sup></b>	<b>\$3,366.00</b>	
† Based on 100 lamps per space operating at 4,000 hours per year		

- LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
  - Based on photometric testing consistent with IES LM-79. Maximum Beam Candlepower.
  - Dimmable when using leading and trailing edge dimmers. (See <http://www.philips.com/ledtechguide> for compatible dimmers.)
- This lamp is ENERGY STAR<sup>®</sup> Certified.

Footnotes from front:

- \* 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](http://www.energystar.gov/index.cfm?fuseaction=products_for_partners.showLightbulbs) for further details.
- \*\* LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
- † For details, please visit [http://www.usa.lighting.philips.com/connect/tools\\_literature/warranties.wpd](http://www.usa.lighting.philips.com/connect/tools_literature/warranties.wpd)
- † Light output comparison based upon the ENERGY STAR<sup>®</sup> Integral LED Lamp Center Beam Intensity Benchmark tool which can be found at [EnergyStar.gov/LEDbulbs](http://EnergyStar.gov/LEDbulbs), LED Light Bulbs for Partners, Program Requirements PDF Pg. 11.

# Glass PAR Philips LED Lamp

## Shipping Data *(Subject to change without notice)*

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Volume (cu. ft.)	Pallet Qty	SKU's per layer	Layers High	SKU Dimensions (L x W x H) (In.)	Case Dimensions (L x W x H) (In.)	Pallet Dimensions (L x W x H) (In.)
46769-6	46769-2	46769-7	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46770-4	46770-8	46770-3	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46771-2	46771-5	46771-0	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46818-1	46818-7	46818-2	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46772-0	46772-2	46772-7	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46773-8	46773-9	46773-4	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46774-6	46774-6	46774-1	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46775-3	46775-3	46775-8	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46776-1	46776-0	46776-5	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46777-9	46777-7	46777-2	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46819-9	46819-4	46819-9	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46778-7	46778-4	46778-9	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46779-5	46779-1	46779-6	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46780-3	46780-7	46780-2	6	6.51	0.72	384	48	8	4.9 x 4.9 x 5.4	17.2 x 12.1 x 6.0	47.2 x 39.4 x 54.0
46781-1	46781-4	46781-9	6	4.92	0.34	768	96	8	4.1 x 4.1 x 4.9	12.5 x 8.4 x 5.6	47.2 x 39.4 x 50.2
46782-9	46782-1	46782-6	6	4.92	0.34	768	96	8	4.1 x 4.1 x 4.9	12.5 x 8.4 x 5.6	47.2 x 39.4 x 50.2
46783-7	46783-8	46783-3	6	4.92	0.34	768	96	8	4.1 x 4.1 x 4.9	12.5 x 8.4 x 5.6	47.2 x 39.4 x 50.2
46784-5	46784-5	46784-0	6	4.92	0.34	768	96	8	4.1 x 4.1 x 4.9	12.5 x 8.4 x 5.6	47.2 x 39.4 x 50.2
46785-2	46785-2	46785-7	6	4.92	0.34	768	96	8	4.1 x 4.1 x 4.9	12.5 x 8.4 x 5.6	47.2 x 39.4 x 50.2
46786-0	46786-9	46786-4	6	4.92	0.34	768	96	8	4.1 x 4.1 x 4.9	12.5 x 8.4 x 5.6	47.2 x 39.4 x 50.2
46787-8	46787-6	46787-1	6	4.03	0.26	1056	96	11	4.1 x 4.1 x 3.6	12.5 x 8.4 x 4.3	47.2 x 39.4 x 52.6
46788-6	46788-3	46788-8	6	4.03	0.26	1056	96	11	4.1 x 4.1 x 3.6	12.5 x 8.4 x 4.3	47.2 x 39.4 x 52.6
46789-4	46789-0	46789-5	6	4.03	0.26	1056	96	11	4.1 x 4.1 x 3.6	12.5 x 8.4 x 4.3	47.2 x 39.4 x 52.6
46790-2	46790-6	46790-1	6	4.03	0.26	1056	96	11	4.1 x 4.1 x 3.6	12.5 x 8.4 x 4.3	47.2 x 39.4 x 52.6
46791-0	46791-3	46791-8	6	4.03	0.26	1056	96	11	4.1 x 4.1 x 3.6	12.5 x 8.4 x 4.3	47.2 x 39.4 x 52.6
46792-8	46792-0	46792-5	6	4.03	0.26	1056	96	11	4.1 x 4.1 x 3.6	12.5 x 8.4 x 4.3	47.2 x 39.4 x 52.6

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## WARNINGS AND CAUTIONS

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

**CAUTION:** Risk of electric shock

**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.

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.



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