

# PHILIPS

LED lamps

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 of traditional halogen PARs while using a fraction of the energy.

### Benefits

- Energy savings when compared to a 90W halogen PAR38 lamp<sup>1</sup>
- Long life lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- Wet location rated
- Suitable for use in enclosed fixtures where ambient temperature is between -4°F (-20°C) and 113°F (45°C)

### Features

- Single optic reduces glare to help improve shopping experience
- Average rated life of 25,000 hour for Energy Star<sup>®</sup> qualified lamps<sup>2</sup>
- Glass finish to replicate look and feel of traditional halogen PARs
- 3-year limited warranty depending upon operating hours<sup>3</sup>

1. 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.

2. 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. Based on average usage of 3 hrs/day, 7 days/week.

3. For details, please visit [www.signify.com/warranties](http://www.signify.com/warranties).

# Philips LED Glass PAR lamps



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

	Product No. (6nc)	Model No. (12nc)	Order Code (description)	Nom. watts (W)	Lumens (lm)	Volts (V)	Color Temp (CRI)	Beam Angle (deg)	LED lifetime <sup>1</sup> (hrs.)	CCT (K)	MC/CP <sup>2</sup>	Base	MBCP <sup>3</sup> (cd)	Legend
<b>PAR20 lamp 50W equivant dimmable<sup>4</sup></b>														
D	47102	929001317204	7PAR20/LED/F25/827-822/E26/GL/DIM/120V	7	500	120	80	25	25,000	2700-2200	CP	E26	1500	A
D	568105	929003026304	5.5PAR20/LED/F25/927-922/DIM/G/T20 6/1FB	5.5	500	120	90	25	25,000	2700-2200	CP	E26	1300	B
D	568063	929003026104	5.5PAR20/LED/F25/930/DIM/G/T20 6/1FB	5.5	500	120	90	25	25,000	3000	CP	E26	1500	B
D	471128	929001316704	7PAR20/LED/F25/840/E26/GL/DIM/120V 6/1	7	500	120	80	25	25,000	4000	CP	E26	1500	A
D	568071	929003026204	5.5PAR20/LED/F25/940/DIM/G/T20 6/1FB	5.5	500	120	90	25	25,000	4000	CP	E26	1500	B
D	568113	929003026704	5.5PAR20/LED/F40/927-922/DIM/G/T20 6/1FB	5.5	500	120	90	40	25,000	2700-2200	CP	E26	800	B
D	568089	929003026404	5.5PAR20/LED/F40/930/DIM/G/T20 6/1FB	5.5	500	120	90	40	25,000	3000	CP	E26	1000	B
D	568097	929003026504	5.5PAR20/LED/F40/940/DIM/G/T20 6/1FB	5.5	500	120	90	40	25,000	4000	CP	E26	1000	B
<b>PAR30L lamp 75W equivant dimmable<sup>4</sup></b>														
W	567941	929003026904	8.5PAR30L/LED/927/F25/DIM/GULW/T20 6/1FB	8.5	800	120	90	25	25,000	2700	CP	E26	3300	C
W	529719	929001321604	10PAR30L/LED/830/F25/DIM/ULW/120V 6/1FB	10	850	120	80	25	25,000	3000	CP	E26	3300	D
W	567965	929003027104	8.5PAR30L/LED/940/F25/DIM/GULW/T20 6/1FB	8.5	850	120	90	25	25,000	4000	CP	E26	3300	C
W	567973	929003027204	8.5PAR30L/LED/927/F40/DIM/GULW/T20 6/1FB	8.5	800	120	90	40	25,000	2700	CP	E26	1600	C
W	529743	929001322104	10PAR30L/LED/830/F40/DIM/ULW/120V 6/1FB	10	850	120	80	40	25,000	3000	CP	E26	1600	D
W	567981	929003027304	8.5PAR30L/LED/930/F40/DIM/GULW/T20 6/1FB	8.5	850	120	90	40	25,000	3000	CP	E26	1600	C
W	567999	929003027404	8.5PAR30L/LED/940/F40/DIM/GULW/T20 6/1FB	8.5	850	120	90	40	25,000	4000	CP	E26	1600	C
<b>PAR30S lamp 75W equivant dimmable<sup>4</sup></b>														
W	568006	929003027704	8.5PAR30S/LED/927/F25/DIM/GULW/T20 6/1FB	8.5	800	120	90	25	25,000	2700	CP	E26	3300	E
W	568014	929003027804	8.5PAR30S/LED/930/F25/DIM/GULW/T20 6/1FB	8.5	850	120	90	25	25,000	3000	CP	E26	3300	E
W	529784	929001320704	10PAR30S/LED/840/F25/DIM/ULW/120V 6/1FB	10	850	120	80	25	25,000	4000	CP	E26	3300	F
W	568022	929003027904	8.5PAR30S/LED/940/F25/DIM/GULW/T20 6/1FB	8.5	850	120	90	25	25,000	4000	CP	E26	3300	E
W	529792	929001320904	10PAR30S/LED/827/F40/DIM/ULW/120V 6/1FB	10	800	120	80	40	25,000	2700	CP	E26	1600	F
W	568030	929003028004	8.5PAR30S/LED/927/F40/DIM/GULW/T20 6/1FB	8.5	800	120	90	40	25,000	2700	CP	E26	1600	E
W	568048	929003028104	8.5PAR30S/LED/930/F40/DIM/GULW/T20 6/1FB	8.5	850	120	90	40	25,000	3000	CP	E26	1600	E
W	568055	929003028204	8.5PAR30S/LED/940/F40/DIM/GULW/T20 6/1FB	8.5	850	120	90	40	25,000	4000	CP	E26	1600	E
<b>PAR38 lamp 90W equivant dimmable<sup>4</sup></b>														
W	567859	929003028504	10PAR38/LED/927/F25/DIM/GULW/T20 6/1FB	10	900	120	90	25	25,000	2700	CP	E26	4100	G
W	529636	929001319504	12PAR38/LED/830/F25/DIM/ULW/120V 6/1FB	12	900	120	80	25	25,000	3000	CP	E26	4100	H
W	567867	929003028604	10PAR38/LED/930/F25/DIM/GULW/T20 6/1FB	10	900	120	90	25	25,000	3000	CP	E26	4100	G
W	567925	929003028704	10PAR38/LED/935/F25/DIM/GULW/T20 6/1FB	10	900	120	90	25	25,000	3500	CP	E26	4100	G
W	529644	929001319704	12PAR38/LED/840/F25/DIM/ULW/120V 6/1FB	12	900	120	80	25	25,000	4000	CP	E26	4100	H
W	567883	929003028904	10PAR38/LED/950/F25/DIM/GULW/T20 6/1FB	10	900	120	90	25	25,000	5000	CP	E26	4100	G
W	567891	929003029004	10PAR38/LED/927/F40/DIM/GULW/T20 6/1FB	10	900	120	90	40	25,000	2700	CP	E26	1800	I
W	567909	929003029104	10PAR38/LED/930/F40/DIM/GULW/T20 6/1FB	10	900	120	90	40	25,000	3000	CP	E26	1900	I
W	567933	929003029204	10PAR38/LED/935/F40/DIM/GULW/T20 6/1FB	10	900	120	90	40	25,000	3500	CP	E26	1900	I
W	567917	929003029304	10PAR38/LED/940/F40/DIM/GULW/T20 6/1FB	10	900	120	90	40	25,000	4000	CP	E26	1900	I
<b>PAR38 lamp 120W equivant dimmable<sup>4</sup></b>														
W	567750	929003029504	13PAR38/LED/927/F25/DIM/GULW/T20 6/1FB	13	1200	120	90	25	25,000	2700	CP	E26	5700	G
W	567768	929003029604	13PAR38/LED/930/F25/DIM/GULW/T20 6/1FB	13	1200	120	90	25	25,000	3000	CP	E26	6000	G
W	567834	929003029704	13PAR38/LED/935/F25/DIM/GULW/T20 6/1FB	13	1200	120	90	25	25,000	3500	CP	E26	6000	G
W	567776	929003029804	13PAR38/LED/940/F25/DIM/GULW/T20 6/1FB	13	1200	120	90	25	25,000	4000	CP	E26	6000	G
W	567784	929003029904	13PAR38/LED/950/F25/DIM/GULW/T20 6/1FB	13	1200	120	90	25	25,000	5000	CP	E26	6000	G
W	567792	929003030004	13PAR38/LED/927/F40/DIM/GULW/T20 6/1FB	13	1200	120	90	40	25,000	2700	CP	E26	2450	I
W	529594	929001318904	14PAR38/LED/830/F40/DIM/ULW/120V 6/1FB	14	1200	120	80	40	25,000	3000	CP	E26	2500	H
W	567800	929003030104	13PAR38/LED/930/F40/DIM/GULW/T20 6/1FB	13	1200	120	90	40	25,000	3000	CP	E26	2500	I
W	567842	929003030204	13PAR38/LED/935/F40/DIM/GULW/T20 6/1FB	13	1200	120	90	40	25,000	3500	CP	E26	2500	I
W	567818	929003030304	13PAR38/LED/940/F40/DIM/GULW/T20 6/1FB	13	1200	120	90	40	25,000	4000	CP	E26	2500	I
W	529610	929001319204	14PAR38/LED/850/F40/DIM/ULW/120V 6/1FB	14	1200	120	80	40	25,000	5000	CP	E26	2500	H

1. Lamps rated 15,000 hours is in an enclosed fixture. Life rating is 25,000 in an unenclosed. Warranty is based off of 15,000 hour claim.

Lamps rated at 25,000 hours for an unenclosed fixture. Life rating is 15,000 hours for enclosed. Warranty is based off of 25,000 hour claim.

2. MC/CP = MasterClass or CorePro.

3. Based on photometric testing consistent with IES LM-79. Maximum Beam Candlepower.

4. Dimmable when using leading and trailing edge dimmers. (See <http://www.philips.com/ledtechguide> for compatible dimmers.)

D = Damp location W = Wet location E = Suitable for enclosed fixtures O = Warm glow dimming effect B = ENERGY STAR® qualified T = Title 24 compliant

# Philips LED Glass PAR lamps

## Energy saving solution

### For Glass PAR Philips LED lamps

#### Estimated lighting costs using a 90W PAR38 Halogen lamp

Present Wattage	90	watts
× Annual operating hours	4,000	hours
	=	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

#### Estimated lighting costs using a Philips 10W PAR38 LED lamp

Present Wattage	10	watts
× Annual operating hours	4,000	hours
	=	40,000 watt-hours
÷ 1,000	=	40 kWh per year
× kWh rate of \$0.11	=	\$4.40 per year
× 100 lamps	=	\$440.00 annual energy cost

**Total estimated savings** \$3,520.00 annual savings

Based on 100 lamps per space operating at 4000 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). Lamps rated 50,000 hours is for bare lamp without fixture.

This example shows an application of 100 lamps accenting a space, operating 4,000 hours. Your actual savings may vary depending on the energy costs in your geographic location.

#### 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—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. 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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