

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

Benefits

- Energy savings when compared to a 90W halogen PAR38 lamp[†]
- 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
- 25,000-hour rated average life for Energy Star[®] qualified lamps¹
- Glass finish to replicate look and feel of traditional halogen PARs
- 3-year limited warranty depending upon operating hours[‡]

Glass PAR Philips LED lamps

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

Product Number	12NC	Description	Watts	Repl. Watts	Lumens	Volts	CRI	LED Lifetime ^{1,2}	CCT	MC/CP ⁴	Base	MBCP ² (Cd)	Dim ³	
PAR38 lamps														
529503	929001318304	14PAR38/LED/827/F25/DIM/ULW/120V 6/1FB	14	120	1150	120	80	25,000	2700	CP	E26	5700	Dimmable	
529529	929001318404	14PAR38/LED/830/F25/DIM/ULW/120V 6/1FB	14	120	1200	120	80	25,000	3000	CP	E26	6000	Dimmable	
529537	929001318604	14PAR38/LED/840/F25/DIM/ULW/120V 6/1FB	14	120	1200	120	80	25,000	4000	CP	E26	6000	Dimmable	
529545	929001318704	14PAR38/LED/850/F25/DIM/ULW/120V 6/1FB	14	120	1200	120	80	25,000	5000	CP	E26	6000	Dimmable	
529552	929001318804	14PAR38/LED/827/F40/DIM/ULW/120V 6/1FB	14	120	1150	120	80	25,000	2700	CP	E26	2450	Dimmable	
529594	929001318904	14PAR38/LED/830/F40/DIM/ULW/120V 6/1FB	14	120	1200	120	80	25,000	3000	CP	E26	2500	Dimmable	
529602	929001319104	14PAR38/LED/840/F40/DIM/ULW/120V 6/1FB	14	120	1200	120	80	25,000	4000	CP	E26	2500	Dimmable	
529610	929001319204	14PAR38/LED/850/F40/DIM/ULW/120V 6/1FB	14	120	1200	120	80	25,000	5000	CP	E26	2500	Dimmable	
474676	929001318504	14PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	14	120	1200	120	80	25,000	3500	CP	E26	5700	Dimmable	
474684	929001319004	14PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	14	120	1200	120	80	25,000	3500	CP	E26	2370	Dimmable	
529628	929001319404	12PAR38/LED/827/F25/DIM/ULW/120V 6/1FB	12	90	850	120	80	25,000	2700	CP	E26	4100	Dimmable	
529636	929001319504	12PAR38/LED/830/F25/DIM/ULW/120V 6/1FB	12	90	900	120	80	25,000	3000	CP	E26	4100	Dimmable	
529644	929001319704	12PAR38/LED/840/F25/DIM/ULW/120V 6/1FB	12	90	900	120	80	25,000	4000	CP	E26	4100	Dimmable	
529651	929001319804	12PAR38/LED/850/F25/DIM/ULW/120V 6/1FB	12	90	900	120	80	25,000	5000	CP	E26	4100	Dimmable	
529669	929001319904	12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB	12	90	850	120	80	25,000	2700	CP	E26	1800	Dimmable	
529677	929001320004	12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB	12	90	900	120	80	25,000	3000	CP	E26	1900	Dimmable	
529685	929001320204	12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB	12	90	900	120	80	25,000	4000	CP	E26	1900	Dimmable	
529693	929001320304	12PAR38/LED/850/F40/DIM/ULW/120V 6/1FB	12	90	900	120	80	25,000	5000	CP	E26	1900	Dimmable	
474692	929001319604	12PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	12	90	900	120	80	25,000	3500	CP	E26	4000	Dimmable	
474700	929001320104	12PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	12	90	900	120	80	25,000	3500	CP	E26	1640	Dimmable	
PAR30S lamps														
529768	929001320404	10PAR30S/LED/827/F25/DIM/ULW/120V 6/1FB	10	75	800	120	80	25,000	2700	CP	E26	3300	Dimmable	
529776	929001320504	10PAR30S/LED/830/F25/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	3000	CP	E26	3300	Dimmable	
529784	929001320704	10PAR30S/LED/840/F25/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	4000	CP	E26	3300	Dimmable	
529792	929001320904	10PAR30S/LED/827/F40/DIM/ULW/120V 6/1FB	10	75	800	120	80	25,000	2700	CP	E26	1600	Dimmable	
529800	929001321004	10PAR30S/LED/830/F40/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	3000	CP	E26	1600	Dimmable	
529818	929001321204	10PAR30S/LED/840/F40/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	4000	CP	E26	1600	Dimmable	
PAR30L lamps														
529701	929001321504	10PAR30L/LED/827/F25/DIM/ULW/120V 6/1FB	10	75	800	120	80	25,000	2700	CP	E26	3300	Dimmable	
529719	929001321604	10PAR30L/LED/830/F25/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	3000	CP	E26	3300	Dimmable	
529727	929001321804	10PAR30L/LED/840/F25/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	4000	CP	E26	3300	Dimmable	
529735	929001322004	10PAR30L/LED/827/F40/DIM/ULW/120V 6/1FB	10	75	800	120	80	25,000	2700	CP	E26	1600	Dimmable	
529743	929001322104	10PAR30L/LED/830/F40/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	3000	CP	E26	1600	Dimmable	
529750	929001322304	10PAR30L/LED/840/F40/DIM/ULW/120V 6/1FB	10	75	850	120	80	25,000	4000	CP	E26	1600	Dimmable	
PAR20 lamps														
WG	471102	929001317204	7PAR20/LED/F25/827-822/E26/GL/DIM 120V	7	50	500	120	80	25,000	2700-2200	CP	E26	1500	Dimmable
471110	929001316504	7PAR20/LED/F25/830/E26/GL/DIM 120V	7	50	500	120	80	25,000	3000	CP	E26	1500	Dimmable	
471128	929001316704	7PAR20/LED/F25/840/E26/GL/DIM 120V	7	50	500	120	80	25,000	4000	CP	E26	1500	Dimmable	
WG	471136	929001317304	7PAR20/LED/F40/827-822/E26/GL/DIM 120V	7	50	500	120	80	25,000	2700-2200	CP	E26	800	Dimmable
471144	929001316904	7PAR20/LED/F40/830/E26/GL/DIM 120V	7	50	500	120	80	25,000	3000	CP	E26	1000	Dimmable	
471151	929001317004	7PAR20/LED/F40/840/E26/GL/DIM 120V	7	50	500	120	80	25,000	4000	CP	E26	1000	Dimmable	

Footnotes on page 3.

Glass PAR Philips LED lamps

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 12W PAR38 LED lamp			
Present Wattage		12	W
× Annual operating hours		4,000	hrs
	=	48,000	Watt-Hours
÷ 1,000	=	48	kWh per year
× kWh rate of \$0.11	=	\$5.28	per year
× 100 lamps		\$528.00	annual energy cost per space

Total estimated annual savings[‡]	\$3,432.00		
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‡ Based on 100 lamps per space operating at 4,000 hours per year

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.)
4. MC/CP = MasterClass or CorePro.

■ This lamp is ENERGY STAR® certified.

WG This lamp features the warm glow effect.

† 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 Light Bulbs for Partners, Program Requirements PDF Pg. 11.

‡ For details, please visit www.signify.com/warranties.

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.

