

# PHILIPS

## LED lamps

### TrueForce PAR high lumen lamps



## Brighter, high performance lighting for comfort and convenience

Philips LED TrueForce PAR high lumen lamps are the perfect transition from CDM lamps to LED. The Unique single-optic lens was designed for accent lighting with reduced glare to improve the shopper experience.

### Benefits

- Energy savings when compared to halogen PAR lamps<sup>1</sup>
- LED PAR replacement solution for CDM lamps offering up to 3800 lumens
- Long life lowers maintenance costs by reducing re-lamp frequency
- Ensures color consistency and reduces lumen depreciation over time
- Deep dimming down to <5% without flicker for select lamps with dimming feature

### Features

- Unique single-optic lens reduces glare to improve shopping experience
- Highest ENERGY STAR® rated lumen output in North America for most models<sup>2</sup>
- Optimized reliability and over-heat protection design
- Average rated life of 25,000-hours for ENERGY STAR® qualified lamps<sup>3</sup>
- Select lamps available in black casing
- 3-year limited warranty depending upon operating hours<sup>4</sup>

1.  $P_{s,tM} < 1.0$  measured according to IEC 61547-1 and IEC 61000-4-15.

2. Philips LED High Lumen PAR30L/S 15/25D 75W replacement lamps and Philips LED High Lumen PAR38 15D are the highest ENERGY STAR® rated lumen output in North America based on research done on ENERGY STAR® product database on 02/17/21.

3. 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.

4. For more information on Philips limited warranty please visit [www.philips.com/warranties](http://www.philips.com/warranties)

# Philips TrueForce PAR high lumen lamps



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



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace (W)	Lumens (lm)	Volts (V)	CRI (min)	CCT (K)	Beam Angle	Lifetime <sup>1</sup> (hrs)	MBCP (Cd)	Legend
<b>MasterClass TrueForce PAR38 dimming (E26)</b>												
D 569723	929003063504	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	27	250	2800	120-277	80	3000	15	25,000	18,000	F
D 569731	929003063604	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	27	250	2800	120-277	80	3000	25	25,000	8,500	F
D 534602	929001916804	33PAR38/PER/830/S15/DIM/120V 6/1FB	33	250	3000	120	80	3000	15	25,000	35,000	D
D 534610	929001916904	33PAR38/PER/830/F25/DIM/120V 6/1FB	33	250	3000	120	80	3000	25	25,000	10,000	D
D 534628	929001919604	33PAR38/PER/830/S15/DIM/120V B 6/1FB	33	250	3000	120	80	3000	15	25,000	35,000	E
D 534636	929001919704	33PAR38/PER/830/F25/DIM/120V B 6/1FB	33	250	3000	120	80	3000	25	25,000	10,000	E
<b>MasterClass TrueForce PAR38 non-dimming (E26)</b>												
D 534586	929001916604	36PAR38/PER/830/S15/ND/120V 6/1FB	36	250	3800	120	80	3000	15	25,000	31,000	C
D 534594	929001916704	36PAR38/PER/830/F25/ND/120V 6/1FB	36	250	3800	120	80	3000	25	25,000	11,000	C
<b>MasterClass TrueForce PAR30S non-dimming (E26)</b>												
D 534685	929001917404	23PAR30S/PER/930/S15/ND/120V 6/1FB	23	75	1900	120	90	3000	15	25,000	12,000	B
D 534693	929001917504	23PAR30S/PER/930/F25/ND/120V 6/1FB	23	75	1900	120	90	3000	25	25,000	9,000	B
<b>MasterClass TrueForce PAR30L non-dimming (E26)</b>												
D 534644	929001917004	25.5PAR30L/PER/830/S15/ND/120-277V 6/1FB	25.5	75	2500	120-277	80	3000	15	25,000	16,000	A
D 534651	929001917104	25.5PAR30L/PER/830/F25/ND/120-277V 6/1FB	25.5	75	2500	120-277	80	3000	25	25,000	11,500	A
D 534669	929001917204	25.5PAR30L/PER/930/S15/ND/120-277V 6/1FB	25.5	75	2150	120-277	90	3000	15	25,000	13,500	A
D 534677	929001917304	25.5PAR30L/PER/930/F25/ND/120-277V 6/1FB	25.5	75	2150	120-277	90	3000	25	25,000	10,000	A

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

D = Damp location  
 = ENERGY STAR® qualified  
 = Not regulated by Title 20

## Energy saving solution

Philips TrueForce PAR high lumen lamps	
Estimated lighting costs using a 250W PAR38 halogen lamp	
Present Wattage	250 watts
* Annual operating hours	4,000 hours
=	1,000,000 watt-hours
÷ 1,000	= 1,000 kWh per year
* kWh rate of \$0.11	= \$110.00 per year
* 100 lamps	= \$11,000.00 annual energy cost
Estimated lighting costs using a Philips 250W PAR38 LED lamp	
Present Wattage	27 watts
* Annual operating hours	4,000 hours
=	108,000 watt-hours
÷ 1,000	= 108 kWh per year
* kWh rate of \$0.11	= \$11.88 per year
* 100 lamps	= \$1,188.00 annual energy cost
<b>Total estimated savings</b>	<b>\$9,812.00 annual savings</b>

Based on 100 lamps per space operating at 4000 hours per year.

1. 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 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 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-003.



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