

PHILIPS

LED

Dimmable Candles
and decorative lamps



Breathtaking brilliance and sparkling white light

Philips LED dimmable candle and decorative lamps incorporate a revolutionary new shaped prism that allows the optics to radiate brilliant, clear and sparkling white LED light. The improved light quality provides consistent color from every angle – even when dimmed in the most intimate of light levels.

Benefits

- Lowers maintenance costs by reducing re-lamp frequency
- 3.5W LED candle saves 21.5 watts of energy when compared to a standard 25W incandescent candle¹
- 4.5W candle saves 35.5 watts of energy when compared to a standard 40W incandescent candle¹
- 6.5W candle saves 53.5 watts of energy when compared to a standard 60W incandescent candle¹
- 1-year or 3-year limited warranty depending on LED lifetime*

















Features

- Installs into existing candelabra and medium base fixtures
- 25,000-hour LED Lifetime²
- Smooth dimming to 10% of full light levels³
- Negligible UV radiation (less than 1 uW/lm for wavelengths shorter than 425nm)
- Contains no mercury
- Suitable of installation in dry or damp locations
- Certain models dim to a Warm Glow similar to incandescent lamps





(See page 2 for footnotes)

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

Product Number	Model Number	Ordering Code	Equiv. Watts ¹ (W)	Description	Bulb	Base	Lamp Watts (W)	Dim	LED Lifetime ² (hrs)	Color Temp (K)	Lumens	CRI	Key	
 45723-4	9290011668	3.5B12/LED/827-22/E12/DIM	25	Dimmable Blunt tip	B12	E12	3.5	Yes	25,000	2700 - 2200	180	80	A	
 45712-7	9290011670	4.5B12/LED/827-22/E12/DIM	40	Dimmable Blunt tip	B12	E12	4.5	Yes	25,000	2700 - 2200	330	80	A	
 45869-5	9290011820	7B12/LED/827-22/E12/DIM	60	Dimmable Blunt tip	B12	E12	7	Yes	25,000	2700 - 2200	500	80	A	
 45719-2	9290011673	4.5B12/LED/827-22/E26/DIM	40	Dimmable Blunt tip	B12	E26	4.5	Yes	25,000	2700 - 2200	330	80	B	
 45866-1	9290011821	7B12/LED/827-22/E26/DIM	60	Dimmable Blunt tip	B12	E26	7	Yes	25,000	2700 - 2200	500	80	B	
 45721-8	9290011671	4.5BA12/LED/827-22/E12/DIM	40	Dimmable Bent tip	BA12	E12	4.5	Yes	25,000	2700 - 2200	330	80	C	
 45818-2	9290011791	4.5BA12/LED/827-22/E26/DIM	40	Dimmable Bent tip	BA12	E26	4.5	Yes	25,000	2700 - 2200	330	80	D	
 45863-8	9290011822	7F15/LED/827-22/E26/DIM	60	Dimmable Flame tip	F15	E26	7	Yes	25,000	2700 - 2200	500	80	E	
 45885-1	9290011672	4.5A15/LED/827-22/E12/DIM	40	Dimmable A15	A15	E12	4.5	Yes	25,000	2700 - 2200	330	80	F	
	45872-9	9290011819	4.5B11/LED/827/E12/ND	40	Non-Dimmable Blunt tip	B11	E12	4.5	No	15,000	2700	300	80	G
 46187-1	9290012137	4.5B11/LED/827/E12/DIM	40	Dimmable Blunt tip	B11	E12	4.5	Yes	15,000	2700	300	80	G	
 46193-9	9290012138	4.5B11/LED/827/E26/DIM	40	Dimmable Blunt tip	B11	E26	4.5	Yes	15,000	2700	300	80	H	
 45874-5	9290011815	7A19/LED/827-22/E26/DIM	40	Dimmable Clear A19	A19	E26	7	Yes	25,000	2700 - 2200	450	80	I	
 45883-6	9290011816	10A19/LED/827-22/E26/DIM	60	Dimmable Clear A19	A19	E26	10	Yes	25,000	2700 - 2200	800	80	I	
 45880-2	9290011817	7G25/LED/827-22/E26/DIM	40	Dimmable Clear G25	G25	E26	7	Yes	25,000	2700 - 2200	450	80	J	
 45934-7	9290011898	10G25/LED/827-22/E26/DIM	60	Dimmable Clear G25	G25	E26	10	Yes	25,000	2700 - 2200	800	80	J	
 45877-8	9290011818	7A15/LED/827-22/E26/DIM	40	Dimmable Clear A15	A15	E26	7	Yes	25,000	2700 - 2200	450	80	K	
	46232-5	9290012126	8.5A19/LED/827/CL/ND	60	Non Dimmable Clear A19	A19	E26	8.5	No	10,950	2700	800	80	I

Notes: Lamps are not suitable for enclosed fixtures

- Equivalent Wattage is based on the guidelines of the ENERGY STAR® v1.1 specification
 - Minimum light output of a 25W decorative incandescent lamp is 150 lm (E12 or E26 base)
 - Minimum light output of a 40W decorative incandescent lamp is 300 lm (E12 or E26 base, including A15 with E12 base)
 - Minimum light output of a 60W decorative incandescent lamp is 500 lm (E12 or E26)
 - Minimum light output of a 40W globe incandescent lamp is 350 lm (E26 base)
 - Minimum light output of a 60W globe incandescent lamp is 500 lm (E26 base)
 - Minimum light output of a 40W A15 incandescent lamp is 450 lm (E26 base)
 - Minimum light output of a 40W A19 incandescent lamp is 450 lm (E26 base)
 - Minimum light output of a 60W A19 incandescent lamp is 800 lm (E26 base)
 - 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).
 - Dimmable when using leading and trailing edge dimmers. (See <http://www.philips.com/ledtechguide>).
- * For information on Philips' limited warranty please visit www.philips.com/warranties.
-  This lamp is ENERGY STAR® Certified.
 -  Dims from 2700K to 2200K along the black body line, while maintaining CRI.
 -  New lamp launching Q3 / 2016 and will replace 45872-9
 -  New lamp launching Q3 / 2016.

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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	SKUs 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.)
45723-4	45723-5	45723-0	10	1.7	0.133	2730	390	7	2.0 x 2.0 x 4.5	10.5 x 4.3 x 5.1	47.2 x 39.4 x 41.7
45712-7	45712-9	45712-4	10	1.7	0.133	2730	390	7	2.0 x 2.0 x 4.5	10.5 x 4.3 x 5.1	47.2 x 39.4 x 41.7
45869-5	45869-0	45869-5	10	1.7	0.133	2730	390	7	2.0 x 2.0 x 4.5	10.5 x 4.3 x 5.1	47.2 x 39.4 x 41.7
45719-2	45719-8	45719-3	10	1.7	0.133	2730	390	7	2.0 x 2.0 x 4.5	10.5 x 4.3 x 5.1	47.2 x 39.4 x 41.7
45866-1	45866-9	45866-4	10	1.7	0.133	2730	390	7	2.0 x 2.0 x 4.5	10.5 x 4.3 x 5.1	47.2 x 39.4 x 41.7
45721-8	45721-1	45721-6	10	1.9	0.11	2900	580	5	1.6 x 1.6 x 5.7	8.4 x 3.6 x 6.3	47.2 x 39.4 x 37.4
45818-2	45818-8	45818-3	10	1.9	0.11	2900	580	5	1.6 x 1.6 x 5.7	8.4 x 3.6 x 6.3	47.2 x 39.4 x 37.4
45863-8	45863-8	45863-3	8	2.4	0.225	1440	240	6	2.0 x 2.0 x 4.8	12.2 x 5.8 x 5.5	47.4 x 39.4 x 39.0
45885-1	45885-0	45885-5	10	2.1	0.124	3040	380	8	2.0 x 2.0 x 3.9	10.6 x 4.5 x 4.5	47.8 x 39.8 x 42.1
45872-9	45872-0	45872-5	10	1.2	0.074	4900	700	7	1.4 x 1.4 x 4.4	7.6 x 3.3 x 5.0	47.2 x 39.4 x 41.7
46187-1	46187-4	46187-9	8	1.2	0.074	13140	730	18	1.4 x 1.4 x 4.4	7.6 x 3.3 x 5.0	48.0 x 40.1 x 97.4
46193-9	46193-5	46193-0	8	1.2	0.074	13140	730	18	1.4 x 1.4 x 4.4	7.6 x 3.3 x 5.0	48.0 x 40.1 x 97.4
45874-5	45874-4	45874-9	10	3.4	0.324	1050	150	7	2.4 x 2.4 x 4.7	14.8 x 7.0 x 5.4	47.2 x 39.4 x 43.2
45883-6	45880-5	45880-0	10	3.4	0.324	1050	150	7	2.4 x 2.4 x 4.7	14.8 x 7.0 x 5.4	47.2 x 39.4 x 43.2
45880-2	45883-6	45883-1	10	1.8	0.26	840	120	7	2.8 x 2.8 x 4.7	10.8 x 7.7 x 5.4	47.2 x 39.4 x 43.2
45934-7	45934-5	45934-0	6	2.5	0.324	612	102	6	3.1 x 3.1 x 5.1	11.7 x 8.4 x 5.7	47.2 x 39.4 x 40.2
45877-8	45877-5	45877-0	10	2.31	0.207	1680	210	8	2.0 x 2.0 x 3.9	12.8 x 6.2 x 4.5	47.2 x 39.4 x 41.7
46232-5	46232-1	46232-6	10	2.5	0.213	1820	260	7	2.4 x 2.4 x 4.7	12.5 x 5.3 x 5.4	47.2 x 39.4 x 37.8

Energy Efficiency

Estimated Lighting Costs Using a standard 25W decorative incandescent lamp

Present Wattage		25 W
x Annual Operating Hours		4,000 hrs
÷1,000	=	100kWh per year
x kWh rate of \$0.11	=	\$11.00 per year
x 100 lamps per space	=	\$1,100 annual energy cost per space

Estimated Lighting Costs Using a Philips 3.5W decorative LED lamp

Present Wattage		3.5 W
x Annual Operating Hours		4,000 hrs
÷1,000	=	14kWh per year
x kWh rate of \$0.11	=	\$1.54 per year
x 100 lamps per space	=	\$154.0 annual energy cost per space

Total estimated annual savings^o \$946.0

This example shows an application of 100 lamps illuminating a space, operating 4,000 hours per year at a cost of \$0.11 per kWh.

Replacing 100 standard 25W decorative incandescent lamps with the Philips 3.5W decorative LED lamps can provide significant energy cost savings of \$946.00 per year! Potential savings from the reduction in HVAC costs as a result of using a low wattage lamp that emits less heat is an additional benefit not included in this example.

Your actual savings may vary depending on the energy costs in your geographic location.

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