

# Breathtaking brilliance and sparkling white light



## DIAMONDSPARK LED DIMMABLE CANDLE LAMPS

**Philips DiamondSpark LED dimmable candle lamps** incorporate a revolutionary new shaped lens 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.

### Energy saving LED candle lamps

- 25,000-hour rated average life<sup>1</sup>
- 2.5W LED candle saves 22.5 watts of energy when compared to a standard 25W incandescent candle<sup>2</sup>
- 4.5W candle saves 35.5 watts of energy when compared to a standard 40W incandescent candle<sup>3</sup>
- 6.5W candle saves 53.5 watts of energy when compared to a standard 60W incandescent candle<sup>4</sup>
- Smooth dimming to 10% of full light levels<sup>5</sup>
- Emits virtually no UV/IR light in the beam
- Contains no mercury

### Easy to experience

- Lowers maintenance costs by reducing re-lamp frequency
- Installs into existing candelabra and medium base fixtures
- 3-year limited warranty depending upon operating hours\*

(See back page for footnotes)



# PHILIPS

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

PROF 6NC	Model Number	Ordering Code	Power (watts)	Volts	Description	Base	Rated Avg Life (Hrs)	CRI	Color Temp(K)	Dim	MOL (in)	Dia (in)	Lumens <sup>2</sup>	
<input type="checkbox"/>	435149	9290002799	2.5B13/2700-E12 DIM 8/1	2.5	120	2.5W Dimmable Clear Blunt Tip LED Candle	Cand.	25,000	80	2700	Y	4.4	1.4	330
<input type="checkbox"/>	435172	9290002797	4.5B13/2700-E26 DIM 8/1	4.5	120	4.5W Dimmable Clear Blunt Tip LED Candle	Med	25,000	80	2700	Y	4.4	1.5	330
<input type="checkbox"/>	435156	9290002889	4.5B13/2700-E12 DIM 8/1	4.5	120	4.5W Dimmable Clear Blunt Tip LED Candle	Cand.	25,000	80	2700	Y	4.4	1.5	330
<input type="checkbox"/>	451831	9290011151	2.5B13/2700-E12 FR 8/1	4.5	120	4.5W Frosted Blunt Tip LED Candle**	Cand.	25,000	80	2700	N	4.4	1.4	320
<input type="checkbox"/>	435164	9290002798	4.5BA13/2700-E12 DIM 8/1	4.5	120	4.5W Dimmable Clear Bent Tip LED Candle	Cand.	25,000	80	2700	Y	5.2	1.5	330
<input type="checkbox"/>	435180	9290002886	6.5F15/2700-E26 DIM 8/1	6.5	120	6.5W Dimmable Clear Flame Tip LED Candle	Med	25,000	80	2700	Y	4.4	1.5	530
<input type="checkbox"/>	452813	9290011121	6.5B13/2700-E26 DIM 8/1	6.5	120	6.5W Dimmable Clear Blunt Tip LED Candle	Med	25,000	80	2700	Y	4.4	1.5	530

## Shipping Data (Subject to change without notice)

PROF 6NC	UPC Unit Code	Outer barcode (50046677)	Case Qty	Case Weight	Case Cube	Pallet Qty	SKU Per Layer	Layers High	SKU Dims (W x D x H)	Case Dims (W x D x H)	Pallet Dims (W x D x H)
435149	435141	435146	8	0.8	0.06	3840	640	6	1.4 x 1.4 x 4.2	3.4 x 6.5 x 4.7	39.0 x 46.3 x 28.1
435172	435172	435177	8	0.8	0.06	3840	640	6	1.4 x 1.4 x 4.2	3.4 x 6.5 x 4.7	39.0 x 46.3 x 28.1
435156	435158	435153	8	0.8	0.06	3840	640	6	1.4 x 1.4 x 4.2	3.4 x 6.5 x 4.7	39.0 x 46.3 x 28.1
451831	451837	451832	8	0.8	0.06	3840	640	6	1.4 x 1.4 x 4.2	3.4 x 6.5 x 4.7	39.0 x 46.3 x 28.1
435164	435165	435160	8	0.8	0.06	3840	640	6	1.4 x 1.4 x 4.2	3.4 x 6.5 x 4.7	39.0 x 46.3 x 28.1
435180	435189	435184	8	0.8	0.06	3840	640	6	1.4 x 1.4 x 4.2	3.4 x 6.5 x 4.7	39.0 x 46.3 x 28.1
452813	452810	452815	8	0.8	0.06	3840	640	6	1.4 x 1.4 x 4.2	3.4 x 6.5 x 4.7	39.0 x 46.3 x 28.1

1) Rated average life based on engineering testing and probability analysis.

2) Based on photometric testing consistent with IES LM-79.

This lamp is currently in ENERGY STAR® testing.

Footnotes from front:

1) Rated average life based on engineering testing and probability analysis.

2) Light output from the 3.5W LED candle is 180 lumens compared to 150 lumens for a standard 25W incandescent candle.

3) Light output from the 4.5W LED candle is 320 lumens compared to 300 lumens for a standard 40W incandescent candle.

4) Light output from the 6.5W LED candle is 530 lumens compared to 500 lumens for a standard 60W incandescent candle.

5) Dimmable when using leading edge dimmers (see Philips Website:

[www.philips.com/ledtechguide](http://www.philips.com/ledtechguide) for compatible leading edge dimmers).

\* For warranty information, please visit [www.philips.com/warranties](http://www.philips.com/warranties).

\*\* The frosted B13 candle is not dimmable.

## Energy Efficiency

Estimated Lighting Costs Using a Standard 25W Incandescent Candle	
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	= \$1100 annual energy cost per space

Estimated Lighting Costs Using a Philips 2.5W LED Candle	
Present Wattage	2.5 W
x Annual Operating Hours	4,000 hrs
+1,000	= 10 kWh per year
x kWh rate of \$0.11	= \$1.10 per year
x 100 lamps per space	= \$110.0 annual energy cost per space

This energy saving example shows an application of 100 lamps in a space currently using a 25W incandescent candle, operating 4,000 hours per year at a cost of \$0.11 per kWh.<sup>†</sup> Your actual savings may vary depending on the energy costs in your geographic location.

Replacing 100 25W incandescent lamps with the Philips 2.5W LED Candle can provide significant energy cost savings of \$990 per year! Potential savings from the reduction in HVAC costs as a result of using a lower wattage lamp that emits less heat is an additional benefit not included in this example.

### 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.

**NOTES:** This device complies with Part15 of the FCC Rules. 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.

**CAUTION:** Risk of electric shock— do not use where directly exposed to water.



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