

PHILIPS

LED

DiamondSpark
Dimmable Candles



Breathtaking brilliance and sparkling white light

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 life¹
- 2.5W LED candle saves 22.5 watts of energy when compared to a standard 25W incandescent candle²
- 4.5W candle saves 35.5 watts of energy when compared to a standard 40W incandescent candle³
- 6.5W candle saves 53.5 watts of energy when compared to a standard 60W incandescent candle⁴
- Smooth dimming to 10% of full light levels⁵
- 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)

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) ¹	CRI	Color Temp(K)	Dim	MOL (in)	Dia (in)	Lumens ²
45314-9	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	180
43517-2	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
43515-6	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
45183-1	9290011151	4.5B13/2700-E12 FR 8/1	4.5	120	4.5W Frosted Blunt Tip LED Candle**	Cand.	25,000	80	2700	N	4.4	1.4	330
43516-4	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
43518-0	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
45281-3	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

1. Rated average life based on engineering testing and probability analysis.
2. Based on photometric testing consistent with IES LM-79.

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 330 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 for compatible leading edge dimmers).

* For warranty information, please visit: www.philips.com/warranties.

** The frosted B13 candle is not dimmable.

■ This lamp is ENERGY STAR® Certified.

Shipping Data (Subject to change without notice)

PROF 6NC	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. Ft.)	Pallet Qty	SKUs per Layer	Layers High	SKU Dimensions (W x D x H) (In.)	Case Dimensions (W x D x H) (In.)	Pallet Dimensions (W x D x H) (In.)
45314-9	43514-1	43514-6	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
43517-2	43517-2	43517-7	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
43515-6	43515-8	43515-3	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
45183-1	45183-7	45183-2	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
43516-4	43516-5	43516-0	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
43518-0	43518-9	43518-4	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
45281-3	45281-0	45281-5	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

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	= 10kWh 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.† 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.

Suggested Outdoor Fixtures

Fixture Type*	Brand	Description
Landscape/Residential	Hadco	Outdoor Residential Lanterns (post top/wall mount/pier mount) ¹

Please consult the Philips web site at philips.com/luminaires under Landscape/Residential to see the recommended fixtures.

- * Recommended fixtures have been tested with the subject lamp to ensure fit and lifetime in accordance to the lamp specifications.
1. 2.5W DiamondSpark lamps compatible with all mounting options excluding ceiling mount versions

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 18 of the FCC rule. This product may cause interference with other devices. If interference occurs, change the location of the products involved. This RFLD device complies with Canadian ICES-005



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