



# Energy saving elegance with improved lumens and design versatility

## Candle/Decorative LED

Philips Candle Dimmable LED Lamps offer decorative energy saving ambience with the elegant effect of incandescent candles. Available in bent, blunt and flame tip candles, their unique design provides light in all directions, giving lighting designers a long life alternative to standard incandescent sources.

### Benefits

- Long life properties-- lowers maintenance costs by reducing re-lamp frequency
- Installs into existing candelabra and medium-base fixtures
- Will not fade colors, avoids inventory spoilage
- Contains no mercury
- Emits virtually no UV/IR light in beam
- 3-year or 5-year limited warranty depending upon operating hours

### Features

- Dimmable\* and non-dimmable versions available
- Clear design available in bent, blunt and flame tip
- 25,000-hour rated average life<sup><SUP>+ </SUP></sup>for 3.5W Philips LED candle
- <sup><SUP>\* </SUP></sup>Dimmable when using leading edge dimmers (see Philips Website: [www.philips.com/ledtechguide](http://www.philips.com/ledtechguide) for compatible leading edge dimmers.)
- <sup><SUP>+ </SUP></sup>Rated average life based on engineering testing and probability analysis.

### Application

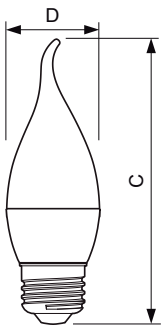
- Ideal for wall sconces, chandeliers and decorative lighting in retail, office, and hospitality spaces.

# Candle/Decorative LED

## Versions



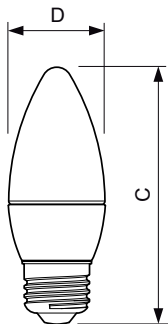
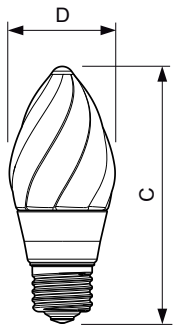
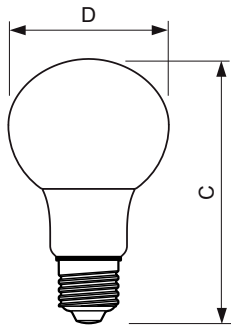
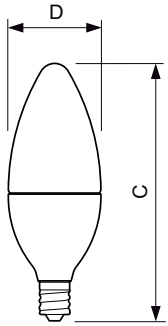
## Dimensional drawing



Product	D	C
4.5BA12/LED/827-22/E26/DIM 120V	38 mm	125 mm

## Candle/Decorative LED

### Dimensional drawing



Product	D	C
2.7B12/LED/827-22/E12/DIM 120V	38 mm	110 mm
4.5B12/LED/827-22/E12/DIM 120V	38 mm	110 mm
7B12/LED/827-22/E12/DIM 120V	38 mm	114 mm

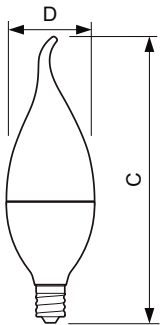
Product	D	C
7G25/LED/827-22/E26/CL/DIM 120V	70 mm	112 mm
10G25/LED/827-22/E26/CL/DIM 120V	78 mm	122 mm

Product	D	C
7F15/LED/827-22/E26/DIM 120V	46 mm	113 mm

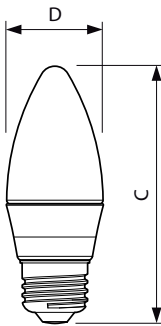
Product	D	C
4.5B12/LED/827-22/E26/DIM120V	38 mm	110 mm
7B12/LED/827-22/E26/DIM 120V	38 mm	110 mm

## Candle/Decorative LED

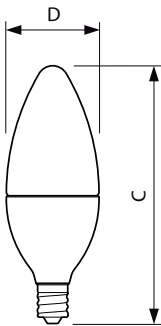
### Dimensional drawing



Product	D	C
4.5BA12/LED/827-22/E12/DIM 120V	38 mm	125 mm



Product	C	D
4.5B11/LED/827/E26/DIM 120V	105 mm	36 mm



Product	C	D
4.5B11/LED/827/E12/DIM 120V	105 mm	36 mm

## Candle/Decorative LED

### Controls and Dimming

Dimmable	Yes
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### Operating and Electrical

Input Frequency	60 Hz
Voltage (Nom)	120 V
Starting Time (Nom)	0.5 s

### General Information

Switching Cycle	50000X
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### Light Technical

Color Rendering Index (Nom)	80
Lmf At End Of Nominal Lifetime (Nom)	70 %

### Mechanical and Housing

Bulb Finish	Clear (CL)
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### Approval and Application

order code	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
457234	-	Not applicable
457127	4.5 kWh	Not applicable
457218	4.5 kWh	Not applicable
457192	4.5 kWh	Not applicable
458661	7 kWh	Not applicable
458182	4.5 kWh	Not applicable
458802	7 kWh	Not applicable
458695	7 kWh	Not applicable
458638	7 kWh	Not applicable
459347	10 kWh	Not applicable
461871	-	-
461939	-	-

### Operating and Electrical

order code	Wattage Equivalent	Power (Rated) (Nom)
457234	25 W	2.7 W
457127	40 W	4.5 W
457218	40 W	4.5 W
457192	40 W	4.5 W
458661	60 W	7 W
458182	40 W	4.5 W

order code	Wattage Equivalent	Power (Rated) (Nom)
458802	40 W	7 W
458695	60 W	7 W
458638	60 W	7 W
459347	60 W	10 W
461871	40 W	4.5 W
461939	40 W	4.5 W

### General Information

order code	Bulb Shape	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
457234	B12	E12	25000 h	25000 h
457127	B12	E12	25000 h	25000 h
457218	BA12	E12	25000 h	25000 h
457192	B12	E26	25000 h	25000 h
458661	B12	E26	25000 h	25000 h
458182	BA12	E26	25000 h	25000 h

order code	Bulb Shape	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
458802	G25 (G25)	E26	25000 h	25000 h
458695	B12	E12	25000 h	25000 h
458638	F15 (F15)	E26	25000 h	25000 h
459347	G25 (G25)	E26	25000 h	25000 h
461871	B11	E12	15000 h	15000 h
461939	B11	E26	15000 h	15000 h

### Light Technical

order code	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
457234	822-827	2200-2700 K	180 lm	180 lm
457127	822-827	2200-2700 K	330 lm	330 lm
457218	822-827	2200-2700 K	330 lm	330 lm
457192	822-827	2200-2700 K	330 lm	330 lm
458661	822-827	2200-2700 K	500 lm	500 lm
458182	822-827	2200-2700 K	330 lm	330 lm

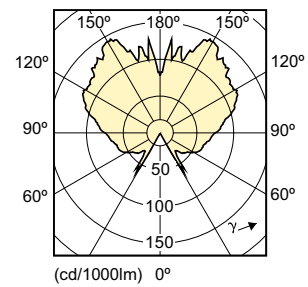
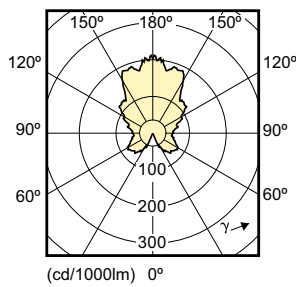
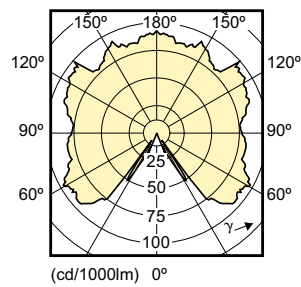
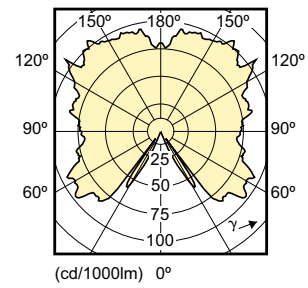
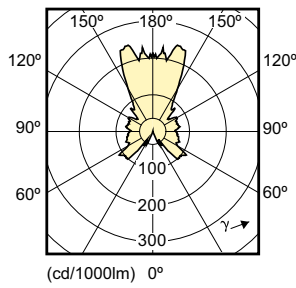
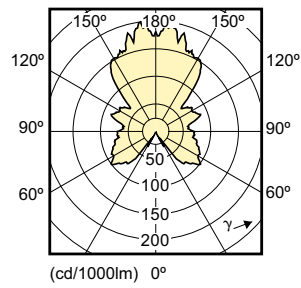
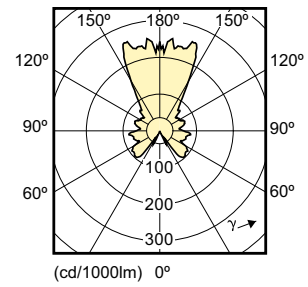
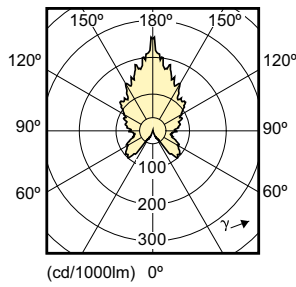
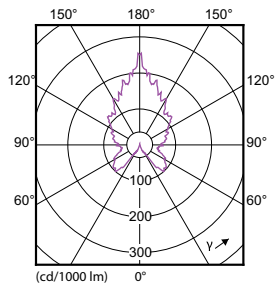
order code	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
458802	822-827	2200-2700 K	450 lm	450 lm
458695	822-827	2200-2700 K	500 lm	500 lm
458638	822-827	2200-2700 K	500 lm	500 lm
459347	822-827	2200-2700 K	800 lm	800 lm
461871	827	2700 K	300 lm	300 lm
461939	827	2700 K	300 lm	300 lm

### Temperature

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order code	T-Case Maximum (Nom)	order code	T-Case Maximum (Nom)
457234	90 °C	458802	90 °C
457127	100 °C	458695	100 °C
457218	100 °C	458638	100 °C
457192	100 °C	459347	90 °C
458661	100 °C	461871	80 °C
458182	100 °C	461939	80 °C

## Light Distribution Diagrams



## Candle/Decorative LED

### Light Distribution Diagrams

