

## LED BA11

7404008



## Energy saving elegance that gives a beautiful sparkle of light

Philips LED BA11 candles offer energy saving ambiance with the elegant effect of incandescent candles. These designs provides light in an omnidirectional manner, giving lighting designers a long life alternative to standard incandescent sources.

### Benefits

- Long life -- lowers maintenance costs by reducing re-lamp frequency
- Excellent color consistency with high color rendering (CRI)
- Certain offerings with a warm glow effect dim to a cozy glow to set the mood

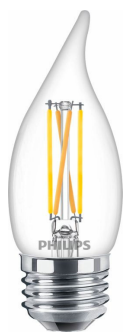
### Applications

- Restaurants
- Hotels
- Residential

### Features

- Smooth Dimming
- Integrated compact driver design to achieve a decorative look and feels
- Installs into existing candelabra and medium-based fixtures
- 15,000-hour rated average life
- Wet location options available

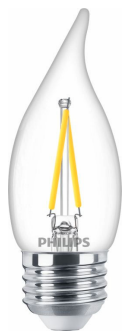
**Versions**



LEDbulb 3,5BA11 PER UD CL  
G E26 WGD 6 3PF T20



LEDbulb 5BA11 PER UD CL G  
E12 WGD 6 3PF T20



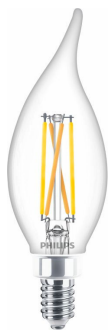
LEDbulb 3,5BA11 PER UD50  
CL G E26 D 6 3PF T20



LEDbulb 3,5BA11 PER UD50  
CL G E12 D 6 3PF T20



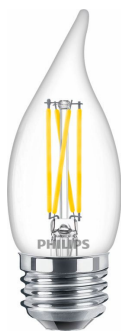
LEDbulb CLA F15 E26 CL



LEDbulb 2,3BA11 PER UD CL  
G E12 WGD 6 3PFT20

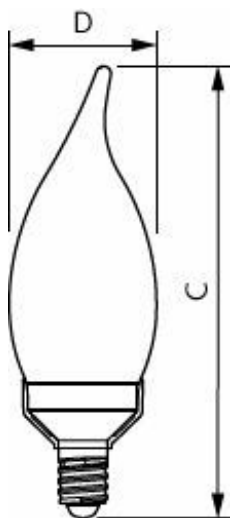


LEDbulb\_BA11\_E12

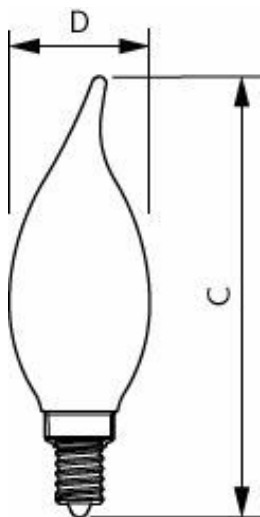


LEDbulb 5BA11 PER UD50 CL  
G E26 D 6 3PF T20

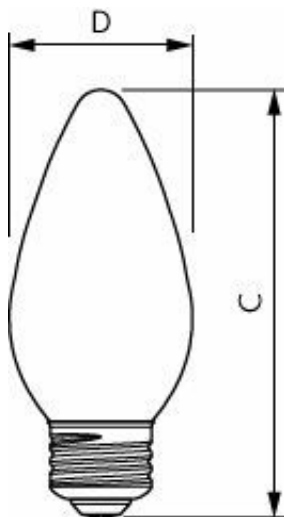
Dimensional drawing



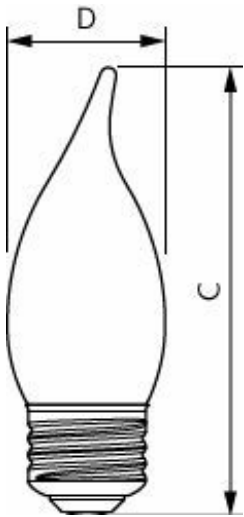
| Product                                  | D     | C      |
|------------------------------------------|-------|--------|
| 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | 35 mm | 110 mm |



| Product                               | D     | C      |
|---------------------------------------|-------|--------|
| 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20  | 35 mm | 111 mm |
| 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20 | 35 mm | 111 mm |
| 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20   | 35 mm | 111 mm |



| Product                                 | D     | C      |
|-----------------------------------------|-------|--------|
| 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20 | 47 mm | 112 mm |



| Product                               | D     | C     |
|---------------------------------------|-------|-------|
| 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20 | 35 mm | 99 mm |
| 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20 | 35 mm | 99 mm |
| 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20   | 35 mm | 99 mm |

### General Information

|                        |                |
|------------------------|----------------|
| Nominal lifetime       | 15,000 hour(s) |
| Switching Cycle        | 20,000         |
| Rated Lifetime (Hours) | 15,000 hour(s) |

### Light Technical

|                                       |               |
|---------------------------------------|---------------|
| Beam Angle (Nom)                      | 300 degree(s) |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %          |

### Operating and Electrical

|                     |       |
|---------------------|-------|
| Starting Time (Nom) | 0.5 s |
|---------------------|-------|

### Mechanical and Housing

|             |       |
|-------------|-------|
| Bulb Finish | Clear |
|-------------|-------|

## General Information

| Order Code   | Full Product Name                        | Cap-Base |
|--------------|------------------------------------------|----------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20    | E26      |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20      | E12      |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20    | E26      |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20    | E12      |
| 929002091593 | 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20  | E26      |
| 929002991803 | 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20     | E12      |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | E12      |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | E26      |

## Light Technical

| Order Code   | Full Product Name                        | Color Code | Luminous Flux | Correlated Color Temperature (Nom) | Color rendering index (CRI) |
|--------------|------------------------------------------|------------|---------------|------------------------------------|-----------------------------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20    | 922-927    | 300 lm        | 2200 K<br>2700 K                   | 95                          |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20      | 922-927    | 500 lm        | 2200 K<br>2700 K                   | 95                          |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20    | 950        | 300 lm        | 5000 K                             | 95                          |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20    | 950        | 300 lm        | 5000 K                             | 95                          |
| 929002091593 | 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20  | 922-927    | 500 lm        | 2200 K<br>2700 K                   | 90                          |
| 929002991803 | 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20     | 922-927    | 185 lm        | 2200 K<br>2700 K                   | 95                          |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | 927-922    | 300 lm        | 2700 K<br>2200 K                   | 90                          |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | 950        | 500 lm        | 5000 K                             | 95                          |

## Operating and Electrical

| Order Code   | Full Product Name                        | Line Frequency | Input Frequency | Power Consumption | Wattage Equivalent |
|--------------|------------------------------------------|----------------|-----------------|-------------------|--------------------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20    | 60 Hz          | 60 Hz           | 3.5 W             | 40 W               |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20      | 60 Hz          | 60 Hz           | 5 W               | 60 W               |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20    | 60 Hz          | 60 Hz           | 3.5 W             | 40 W               |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20    | 60 Hz          | 60 Hz           | 3.5 W             | 40 W               |
| 929002091593 | 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20  | 50 to 60 Hz    | 50 to 60 Hz     | 5.5 W             | 60 W               |
| 929002991803 | 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20     | 60 Hz          | 60 Hz           | 2.3 W             | 25 W               |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | 50 to 60 Hz    | 50 to 60 Hz     | 3.3 W             | 40 W               |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | 60 Hz          | 60 Hz           | 5 W               | 60 W               |

## Temperature

| Order Code   | Full Product Name                        | T-Case Maximum (Nom) |
|--------------|------------------------------------------|----------------------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20    | -                    |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20      | -                    |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20    | -                    |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20    | -                    |
| 929002091593 | 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20  | 60 °C                |
| 929002991803 | 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20     | -                    |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | 50 °C                |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | -                    |

## Controls and Dimming

| Order Code   | Full Product Name                        | Dimmable                   |
|--------------|------------------------------------------|----------------------------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20    | Only with specific dimmers |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20      | Only with specific dimmers |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20    | Only with specific dimmers |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20    | Only with specific dimmers |
| 929002091593 | 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20  | Only with specific dimmers |
| 929002991803 | 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20     | Only with specific dimmers |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | Yes                        |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | Only with specific dimmers |

## Mechanical and Housing

| Order Code   | Full Product Name                        | Bulb Shape |
|--------------|------------------------------------------|------------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20    | BA11       |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20      | BA11       |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20    | BA11       |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20    | BA11       |
| 929002091593 | 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20  | F15        |
| 929002991803 | 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20     | BA11       |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | BA11       |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | BA11       |

## Approval and Application

| Order Code   | Full Product Name                        | Ambient temperature range |
|--------------|------------------------------------------|---------------------------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20    | -20 °C to 40 °C           |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20      | -20 °C to 40 °C           |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20    | -20 °C to 40 °C           |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20    | -20 °C to 40 °C           |
| 929002091593 | 5.5F15/PER/927-922/CL/G/E26/WGX 1PF T20  | -20 °C to 45 °C           |
| 929002991803 | 2.3BA11/PER/UD/CL/G/E12/WGD 6/3PFT20     | -20 °C to 40 °C           |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | -20 to +45 °C             |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | -20 °C to 40 °C           |