



# Energy saving elegance that gives a beautiful sparkle of light

## LED BA11

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

### 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

### Application

- Restaurants
- Hotels
- Residential

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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



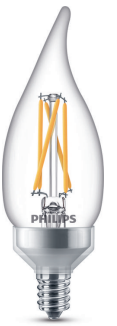
LEDbulb 3,5BA11 PER UD50 CL G  
E12 D 6 3PF T20



LEDbulb CLA F15 E26 CL



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



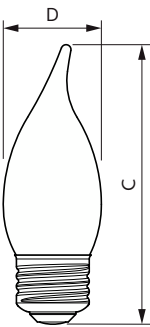
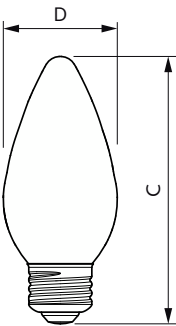
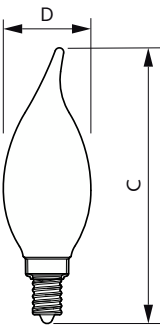
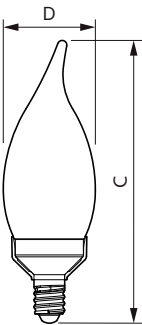
LEDbulb\_BA11\_E12



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

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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 |

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|                                       |                |
|---------------------------------------|----------------|
| General Information                   |                |
| Switching Cycle                       | 20,000         |
| Nominal lifetime                      | 15,000 hour(s) |
| Light Technical                       |                |
| 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 | Rated Lifetime (Hours) |
|--------------|---------------------------------------|----------|------------------------|
| 929002991703 | 3.5BA11/PER/UD/CL/G/E26/WGD 6/3PF T20 | E26      | 15,000 hour(s)         |
| 929002991003 | 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20   | E12      | 15,000 hour(s)         |
| 929002991903 | 3.5BA11/PER/UD50/CL/G/E26/D 6/3PF T20 | E26      | 15,000 hour(s)         |
| 929002991603 | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20 | E12      | 15,000 hour(s)         |

| Order Code   | Full Product Name                        | Cap-Base | Rated Lifetime (Hours) |
|--------------|------------------------------------------|----------|------------------------|
| 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      | 15,000 hour(s)         |
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20 | E12      | 15,000 hour(s)         |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF T20      | E26      | 15,000 hour(s)         |

Light Technical

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

Operating and Electrical

| Order Code   | Full Product Name                     | Input Frequency | Line 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               |

| Order Code   | Full Product Name                     | Input Frequency | Line Frequency | Power Consumption | Wattage Equivalent |
|--------------|---------------------------------------|-----------------|----------------|-------------------|--------------------|
| 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               |

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| Order Code   | Full Product Name                       | Input Frequency | Line Frequency | Power Consumption | Wattage Equivalent |
|--------------|-----------------------------------------|-----------------|----------------|-------------------|--------------------|
| 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                | 50 to 60 Hz     | 50 to 60 Hz    | 3.3 W             | 40 W               |

| Order Code   | Full Product Name                    | Input Frequency | Line Frequency | Power Consumption | Wattage Equivalent |
|--------------|--------------------------------------|-----------------|----------------|-------------------|--------------------|
| 929002091593 | /E12/WGX 1FB T20                     |                 |                |                   |                    |
| 929002991503 | 5BA11/PER/UD50/CL/G/E 26/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 | -                    |

| Order Code   | Full Product Name                        | T-Case Maximum (Nom) |
|--------------|------------------------------------------|----------------------|
| 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 |

| Order Code   | Full Product Name                        | Dimmable                   |
|--------------|------------------------------------------|----------------------------|
| 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       |

| Order Code   | Full Product Name                        | Bulb Shape |
|--------------|------------------------------------------|------------|
| 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           |

| Order Code   | Full Product Name                       | Ambient temperature range |
|--------------|-----------------------------------------|---------------------------|
| 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           |

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| Order Code   | Full Product Name                           | Ambient temperature range |
|--------------|---------------------------------------------|---------------------------|
| 929001969204 | 3.3BA11/PER/927-922/CL/G/E12/WGX<br>1FB T20 | -                         |
| 929002991503 | 5BA11/PER/UD50/CL/G/E26/D 6/3PF<br>T20      | -20 °C to 40 °C           |

