

# LED BA11

## 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20

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.

### Product data

| General Information                   |                        |
|---------------------------------------|------------------------|
| Cap-Base                              | E12 [Candelabra Screw] |
| Nominal lifetime                      | 15,000 hour(s)         |
| Switching Cycle                       | 20,000                 |
| Rated Lifetime (Hours)                | 15,000 hour(s)         |
| Lighting Technology                   | LED                    |
| EU RoHS compliant                     | Yes                    |
| Light Technical                       |                        |
| Color Code                            | 950 [CCT of 5000K]     |
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| Beam Angle (Nom)                      | 300 degree(s)          |
| Luminous Flux                         | 300 lm                 |
| Color Designation                     | Daylight               |
| Correlated Color Temperature (Nom)    | 5000 K                 |
| Luminous Efficacy (rated) (Nom)       | 85 lm/W                |
| Color Consistency                     | <4                     |
| Color rendering index (CRI)           | 95                     |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                   |
| Operating and Electrical              |                        |
| Line Frequency                        | 60 Hz                  |
| Input Frequency                       | 60 Hz                  |
| Power Consumption                     | 3.5 W                  |

| Lamp Current (Nom)         | 40 mA                      |
|----------------------------|----------------------------|
| Wattage Equivalent         | 40 W                       |
| Starting Time (Nom)        | 0.5 s                      |
| Warm-up time to 60% light  | 0.4 s                      |
| Power Factor (Fraction)    | 0.7                        |
| Voltage (Nom)              | 120 V                      |
| Temperature                |                            |
| Ambient temperature range  | -4 °F to 104 °F            |
| Controls and Dimming       |                            |
| Dimmable                   | Only with specific dimmers |
| Mechanical and Housing     |                            |
| Bulb Finish                | Clear                      |
| Bulb Material              | Glass                      |
| Bulb Shape                 | BA11                       |
| UL Wet/ damp/ dry location | Wet location               |
| Approval and Application   |                            |
| Energy Certifications      | Energy Star                |
| EyeComfort                 | Yes                        |
| T20 compliant              | Yes                        |

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## Application Conditions

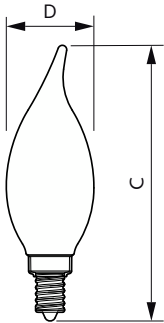
can it be used in closed luminaires No

## Product Data

|                    |                                       |
|--------------------|---------------------------------------|
| Order product name | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20 |
| Full product name  | 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20 |
| Order code         | 564930                                |

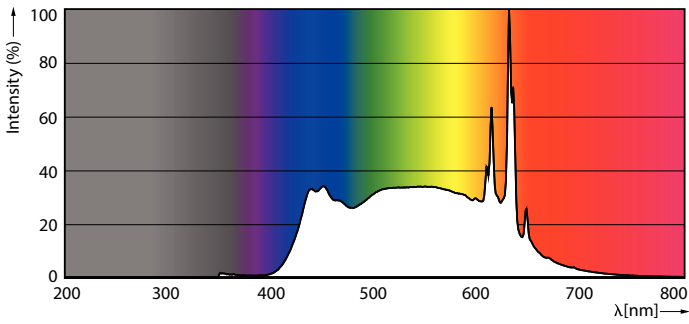
|                                 |                |
|---------------------------------|----------------|
| Material Nr. (12NC)             | 929002991603   |
| Numerator - Quantity Per Pack   | 1              |
| EAN/UPC - Product/Case          | 046677564933   |
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677564938 |

## Dimensional drawing

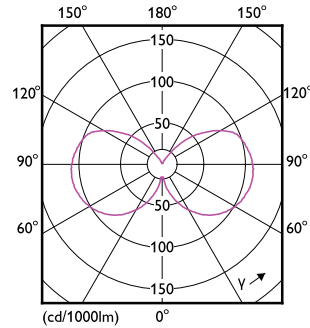


| Product                               | D          | C          |
|---------------------------------------|------------|------------|
| 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20 | 1-3/8 inch | 4-3/8 inch |

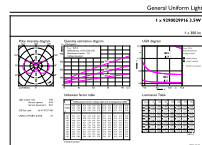
## Photometric data



Spectral Power Distribution Colour - 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20



Light Distribution Diagram - 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20



General uniform lighting - 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20

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## Lifetime



Life Expectancy Diagram - 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20

Lumen Maintenance Diagram - 3.5BA11/PER/UD50/CL/G/E12/D 6/3PF T20

