



LED Filament A60, B35, B35BT, P45, ST64, A45

## Features

- Flicker-free
- Classic light bulb shape ensures an easy replacement
- Similar appearance as traditional bulbs
- Dimmable (A60 + ST64) and non-dimmable versions available
- ST64 in 2.200K + 2.700K
- Retro design
- NEW: also available in A45

## Benefits

- Lower maintenance costs thanks to a long life of 15,000 hours
- Instant 100% light when switched on and no startup time
- No UV / IR radiance so there is less risk of damage
- Up to 86% less energy than traditional bulbs

## Application



Home



Retail



Office



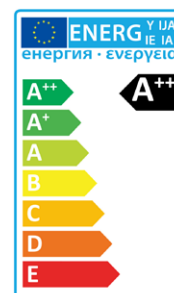
Hotel

## Specifications

| Item Code | Item Description                         | Voltage (V) | Equivalent to (W) | Power (W) | Lumen | Efficacy (lm/W) | Input Current | CRI | CCT (K) | Lifespan (L70B50) | Weight (g/pc) | Energy level | EAN1          |
|-----------|------------------------------------------|-------------|-------------------|-----------|-------|-----------------|---------------|-----|---------|-------------------|---------------|--------------|---------------|
| 140051145 | LED-E-A60-FILA-E27-4W-2700K-CL-BL        | 220-240     | GLS 40W           | 4         | 470   | 118             | 0.04A         | ≥80 | 2700    | 15,000            | 33            | A++          | 6956712643711 |
| 140051146 | LED-E-A60-FILA-E27-6W-2700K-CL-BL        | 220-240     | GLS 60W           | 6         | 806   | 134             | 0.05A         | ≥80 | 2700    | 15,000            | 36            | A++          | 6956712643728 |
| 140051147 | LED-E-B35-FILA-E14-2W-2700K-CL-BL        | 220-240     | GLS 25W           | 2         | 249   | 125             | 0.02A         | ≥80 | 2700    | 15,000            | 14            | A++          | 6956712643735 |
| 140051148 | LED-E-B35-FILA-E14-4W-2700K-CL-BL        | 220-240     | GLS 40W           | 4         | 470   | 118             | 0.04A         | ≥80 | 2700    | 15,000            | 15            | A++          | 6956712643742 |
| 140051149 | LED-E-B35-FILA-TIP-E14-2W-2700K-CL-BL    | 220-240     | GLS 25W           | 2         | 249   | 125             | 0.02A         | ≥80 | 2700    | 15,000            | 14            | A++          | 6956712643759 |
| 140051150 | LED-E-B35-FILA TIP-E14-4W-2700K-CL-BL    | 220-240     | GLS 40W           | 4         | 470   | 118             | 0.04A         | ≥80 | 2700    | 15,000            | 15            | A++          | 6956712643766 |
| 140051151 | LED-E-P45-FILA-E14-2W-2700K-CL-BL        | 220-240     | GLS 25W           | 2         | 249   | 125             | 0.02A         | ≥80 | 2700    | 15,000            | 14            | A++          | 6956712643773 |
| 140051152 | LED-E-P45-FILA-E14-4W-2700K-CL-BL        | 220-240     | GLS 40W           | 4         | 470   | 118             | 0.04A         | ≥80 | 2700    | 15,000            | 15            | A++          | 6956712643780 |
| 140059809 | LED-E-A45-FILA-E27-2W-2700K-CL-BL        | 220-240     | GLS 25w           | 2         | 250   | 125             | 0.02A         | ≥80 | 2700    | 15,000            | 14            | A++          | 6956712645418 |
| 140059810 | LED-E-A45-FILA-E27-4.5W-DIM-2700K-CL-BL  | 220-240     | GLS 40w           | 4.5       | 470   | 104             | 0.03A         | ≥80 | 2700    | 15,000            | 15            | A++          | 6956712695642 |
| 140056429 | LED-E-A60-FILA-E27-4.5W-DIM-2700K-CL-BL  | 220-240     | GLS 40W           | 4.5       | 470   | 104             | 0.03A         | ≥80 | 2700    | 15,000            | 56            | A++          | 6956712688620 |
| 140056430 | LED-E-A60-FILA-E27-7W-DIM-2700K-CL-BL    | 220-240     | GLS 60W           | 7.0       | 806   | 115             | 0.04A         | ≥80 | 2700    | 15,000            | 56            | A++          | 6956712688637 |
| 140057924 | LED-E-ST64-FILA-E27-4.5W-DIM-2700K-CL-BL | 220-240     | GLS 40W           | 4.5       | 470   | 104             | 0.03A         | ≥80 | 2700    | 15,000            | 91            | A++          | 6956712677839 |
| 140057925 | LED-E-ST64-FILA-E27-7W-DIM-2700K-CL-BL   | 220-240     | GLS 60W           | 7.0       | 806   | 115             | 0.04A         | ≥80 | 2700    | 15,000            | 91            | A++          | 6956712677846 |
| 140057926 | LED-E-ST64-FILA-E27-4.5W-DIM-2200K-CL-BL | 220-240     | GLS 40W           | 4.5       | 400   | 89              | 0.03A         | ≥80 | 2200    | 15,000            | 91            | A+           | 6956712677853 |
| 140057927 | LED-E-ST64-FILA-E27-7W-DIM-2200K-CL-BL   | 220-240     | GLS 60W           | 7.0       | 700   | 100             | 0.04A         | ≥80 | 2200    | 15,000            | 91            | A+           | 6956712677860 |

### Technical Specifications

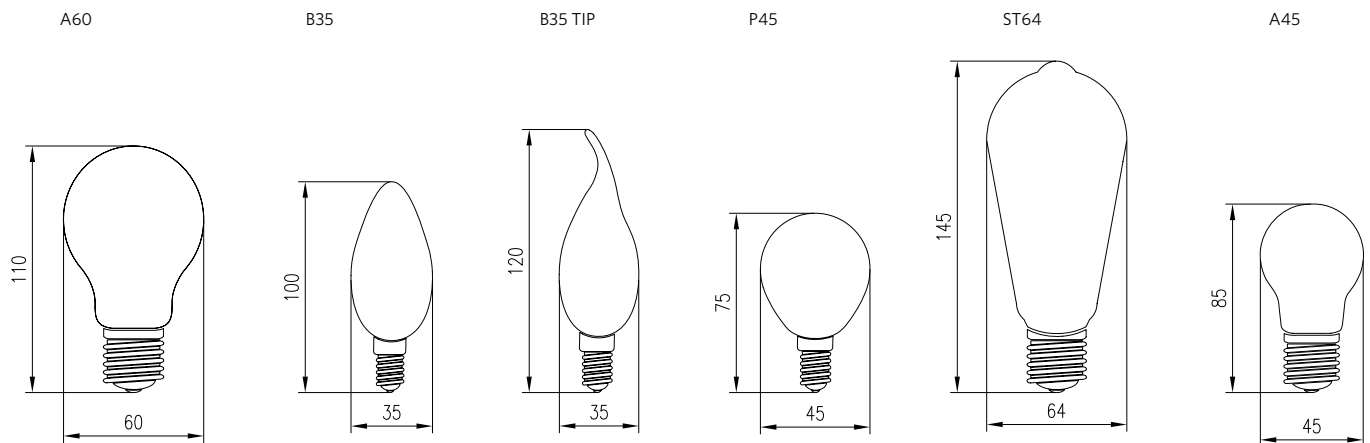
|                         |                            |
|-------------------------|----------------------------|
| AC / DC                 | AC                         |
| Frequency (Hz)          | 50 / 60                    |
| On/Off cycles           | 15,000                     |
| Beam angle°             | 360                        |
| Dimmable                | No / Yes<br>(A60+ST64+A45) |
| Operating temperature   | -20 ~ +40°C                |
| Lamp colour of finish   | Clear                      |
| Application temperature | 25°C                       |
| Storage temperature     | -25 ~ +50°C                |



## Packaging information

| Item      |                                          | Single box (1pc/box)    |                   |               | Outer box (6pcs/box)    |                   |               |
|-----------|------------------------------------------|-------------------------|-------------------|---------------|-------------------------|-------------------|---------------|
| Item Code | Item Description                         | Dimensions (mm) (HxWxL) | Gross Weight (kg) | EAN1          | Dimensions (mm) (HxWxL) | Gross Weight (kg) | EAN2          |
| 140051145 | LED-E-A60-FILA-E27-4W-2700K-CL-BL        | 100x63x170              | 0.07              | 6956712643711 | 240x170x185             | 0.57              | 6956712643797 |
| 140051146 | LED-E-A60-FILA-E27-6W-2700K-CL-BL        | 100x63x170              | 0.07              | 6956712643728 | 240x170x185             | 0.59              | 6956712643803 |
| 140051147 | LED-E-B35-FILA-E14-2W-2700K-CL-BL        | 100x43x170              | 0.05              | 6956712643735 | 210x160x185             | 0.41              | 6956712643810 |
| 140051148 | LED-E-B35-FILA-E14-4W-2700K-CL-BL        | 100x43x170              | 0.05              | 6956712643742 | 210x160x185             | 0.42              | 6956712643827 |
| 140051149 | LED-E-B35-FILA-TIP-E14-2W-2700K-CL-BL    | 100x56x190              | 0.05              | 6956712643759 | 240x170x205             | 0.44              | 6956712643834 |
| 140051150 | LED-E-B35-FILA TIP-E14-4W-2700K-CL-BL    | 100x56x190              | 0.05              | 6956712643766 | 240x170x205             | 0.45              | 6956712643841 |
| 140051151 | LED-E-P45-FILA-E14-2W-2700K-CL-BL        | 100x43x170              | 0.05              | 6956712643773 | 210x160x185             | 0.41              | 6956712643858 |
| 140051152 | LED-E-P45-FILA-E14-4W-2700K-CL-BL        | 100x43x170              | 0.05              | 6956712643780 | 210x160x185             | 0.42              | 6956712643865 |
| 140056429 | LED-E-A60-FILA-E27-4.5W-DIM-2700K-CL-BL  | 100x63x170              | 0.06              | 6956712688620 | 240x170x185             | 0.62              | 6956712688682 |
| 140056430 | LED-E-A60-FILA-E27-7W-DIM-2700K-CL-BL    | 100x63x170              | 0.06              | 6956712688637 | 240x170x185             | 0.62              | 6956712688699 |
| 140057924 | LED-E-ST64-FILA-E27-4.5W-DIM-2700K-CL-BL | 115x68x200              | 0.09              | 6956712677839 | 250x170x215             | 0.77              | 6956712607164 |
| 140057925 | LED-E-ST64-FILA-E27-7W-DIM-2700K-CL-BL   | 115x68x200              | 0.09              | 6956712677846 | 250x170x215             | 0.77              | 6956712607171 |
| 140057926 | LED-E-ST64-FILA-E27-4.5W-DIM-2200K-CL-BL | 115x68x200              | 0.09              | 6956712677853 | 250x170x215             | 0.77              | 6956712607188 |
| 140057927 | LED-E-ST64-FILA-E27-7W-DIM-2200K-CL-BL   | 115x68x200              | 0.09              | 6956712677860 | 250x170x215             | 0.77              | 6956712607195 |
| 140059809 | LED-E-A45-FILA-E27-2W-2700K-CL-BL        | 100x43x170              | 0.05              | 6956712645418 | 210x160x185             | 0.41              | 6956712633613 |
| 140059810 | LED-E-A45-FILA-E27-4.5W-DIM-2700K-CL-BL  | 100x43x170              | 0.05              | 6956712695642 | 210x160x85              | 0.41              | 6956712633620 |

## Dimensional Drawing (mm)



## Photometric Data

