**PHILIPS** Lighting

# **Other LEDtube**

## LED 4.5W 500mm S14S WW ND 1CT/4

Philips LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

### **Product data**

| General Information                         |                    |
|---|--------------------|
| Cap base                                    | S14S [S14s]        |
| Nominal lifetime                            | 15,000 h           |
| Switching Cycle                             | 50,000             |
| Lighting Technology                         | LED                |
| EU RoHS compliant                           | Yes                |
|   |                    |
| Light Technical                             |                    |
| Colour Code                                 | 827 [CCT of 2700K] |
| Beam angle (nom.)                           | 140 degree(s)      |
| Luminous Flux                               | 375 lm             |
| Correlated Colour Temperature               | 2700 K             |
| Colour consistency                          | <6                 |
| Colour rendering index (CRI)                | 83                 |
| LLMF at end of nominal lifetime (nom.) 70 % |                    |

| Operating | and | Electrical |
|-----------|-----|------------|
|           |     |            |

| Line Frequency            | 50 to 60 Hz          |  |
|---------------------------|----------------------|--|
| Input frequency           | 50 to 60 Hz          |  |
| Power Consumption         | 4.5 W                |  |
| Starting time (nom.)      | 0.5 s                |  |
| Warm-up time to 60% light | Instant full light s |  |
| Power Factor (Fraction)   | 0.4                  |  |

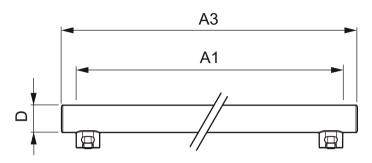
| Voltage (nom.)                     | 220-240 V                            |  |
|------------------------------------|--------------------------------------|--|
|                                    |                                      |  |
| Temperature                        |                                      |  |
| Ambient temperature range          | -20°C to 45°C                        |  |
| T-Case maximum (nom.)              | 35 ℃                                 |  |
|                                    |                                      |  |
| Controls and Dimming               |                                      |  |
| Dimmable                           | No                                   |  |
|                                    |                                      |  |
| Mechanical and Housing             |                                      |  |
| Product length                     | 500 mm                               |  |
|                                    |                                      |  |
| Approval and Application           |                                      |  |
| Energy-saving product              | Yes                                  |  |
| Suitable for accent lighting       | No                                   |  |
| Approval marks                     | CE marking RoHS compliance KEMA Keur |  |
|                                    | certificate                          |  |
| Energy consumption kWh/1,000 hours | 4.5 kWh                              |  |
|                                    |                                      |  |
| Product Data                       |                                      |  |
| Order product name                 | LED 4.5W 500mm S14S WW ND 1CT/4      |  |
| Full product name                  | LED 4.5W 500mm S14S WW ND 1CT/4      |  |
| Full EOC                           | 871829178950500                      |  |
|                                    |                                      |  |

## **Other LEDtube**

| Order code                        | 78950500      |
|-----------------------------------|---------------|
| Material no. (12 NC)              | 929001116401  |
| SAP numerator – quantity per pack | 1             |
| EAN/UPC — Product/Case            | 8718291789505 |

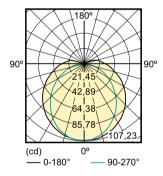
| Numerator – packs per outer box | 4             |
|---------------------------------|---------------|
| EAN/UPC - Case                  | 8718291789512 |

## Dimensional drawing

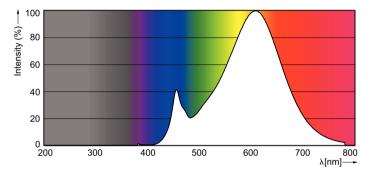


| Product                         | D     | A1       | A3       |
|---------------------------------|-------|----------|----------|
| LED 4.5W 500mm S14S WW ND 1CT/4 | 30 mm | 466.8 mm | 499.0 mm |

### Photometric data



Light Distribution Diagram - LED 4.5W 500mm S14S WW ND 1CT/4



Spectral Power Distribution Colour - LED 4.5W 500mm S14S WW ND 1CT/4



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