



The new generation of energy-saving tube lighting

Other LED tube

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.

Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology; completely safe product and installation process

Features

- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

Application

- Hospitality, retail, office, industrial and home applications

Other LED tube

Versions



LEDtube 2,2W S14S



LEDtube 4,5W S19

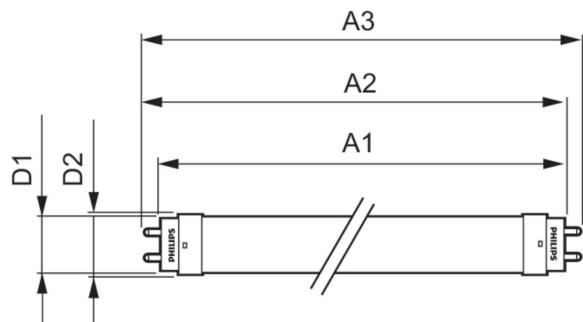
LEDtube MAS 8,3W G5

LEDtube 3,5W S14S

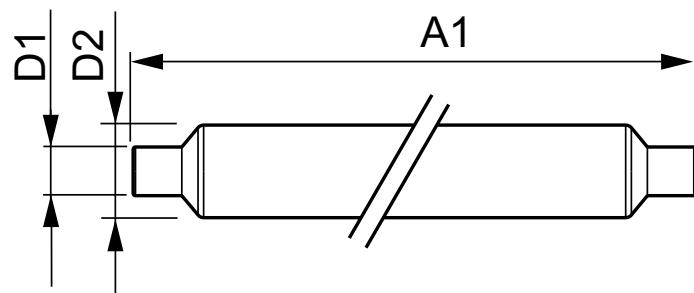


LEDtube 3,5W S14D

Dimensional drawing



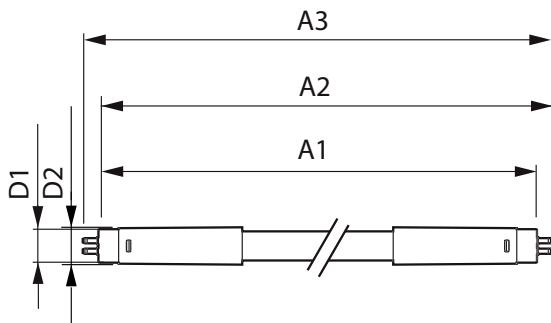
| Product | D1 | D2 | A1 | A2 | A3 |
|--|---------|-------|----------|----------|----------|
| MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | 25.7 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |
| MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | 25.7 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |



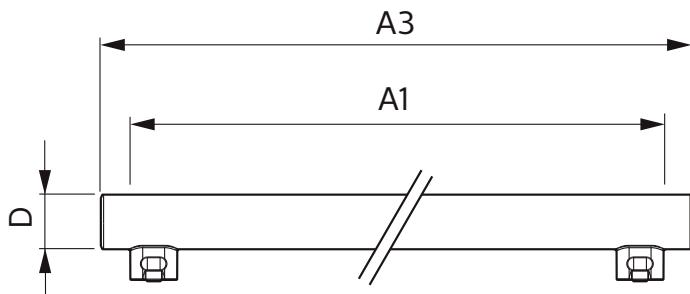
| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------------|-------|-------|----------|----|--------|
| LED 4,5W 310mm S19 WW ND 1CT/4 | 38 mm | 38 mm | 273.6 mm | | 310 mm |

Other LED tube

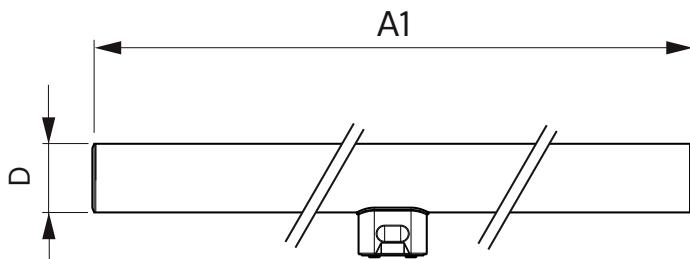
Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|-------------------------------|---------|-------|----------|------------|------------|
| MAS Ledtube 1200mm HO 16W 840 | 15.8 mm | 19 mm | 1,149 mm | 1,156.1 mm | 1,163.2 mm |
| T5 DC | | | | | |
| MAS Ledtube 1200mm HO 16W 865 | 15.8 mm | 19 mm | 1,149 mm | 1,156.1 mm | 1,163.2 mm |
| T5 DC | | | | | |
| MAS Ledtube 600mm HO 8.3W 840 | 15.8 mm | 19 mm | 549 mm | 556.1 mm | 563.2 mm |
| T5 DC | | | | | |
| MAS Ledtube 600mm HO 8.3W 865 | 15.8 mm | 19 mm | 549 mm | 556.1 mm | 563.2 mm |
| T5 DC | | | | | |



| Product | D1 | D2 | A1 | A2 | A3 |
|---------------------------------|-------|-------|----------|----|--------|
| LED 2.2W 300mm S14S WW ND 1CT/4 | 30 mm | 30 mm | 266.8 mm | | 299 mm |
| LED 3.5W 500mm S14S WW ND 1CT/4 | 30 mm | 30 mm | 466.8 mm | | 499 mm |



| Product | D1 | D2 | A1 | A2 | A3 |
|---------------------------------|-------|-------|----------|----|--------|
| LED 3.5W 500mm S14D WW ND 1CT/4 | 30 mm | 30 mm | 266.8 mm | | 299 mm |

Light Technical

LLMF At End Of Nominal Lifetime 70 %
(Nom)

Operating and Electrical

Starting Time (Nom) 0.5 s

Mechanical and Housing

Bulb Finish Frosted

Approval and Application

Ambient temperature range -20 °C to 45 °C

General Information

Other LED tube

| Rated | | | | | | |
|--------------|--|------|----------|-----------|----------|--|
| Order Code | Full Product Name | Cap- | Lifetime | Switching | Nominal | |
| | | Base | (Hours) | Cycle | lifetime | |
| 929002444201 | LED 2.2W 300mm S14s WW ND 1CT/4 | S14s | 30,000 | 50,000 | 30,000 | |
| | | | hour(s) | | hour(s) | |
| 929003554721 | MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | G13 | - | 50,000 | 50,000 | |
| | | | | hour(s) | | |
| 929003557121 | MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | G13 | - | 50,000 | 50,000 | |
| | | | | hour(s) | | |
| 929002443801 | LED 4.5W 310mm S19 WW ND 1CT/4 | S19 | 30,000 | 50,000 | 30,000 | |
| | | | hour(s) | | hour(s) | |
| 929002387208 | MAS Ledtube 600mm HO 8.3W 840 T5 DC | G5 | - | 200,000 | 50,000 | |
| | | | | hour(s) | | |

| Rated | | | | | | |
|--------------|-------------------------------------|------|----------|-----------|----------|--|
| Order Code | Full Product Name | Cap- | Lifetime | Switching | Nominal | |
| | | Base | (Hours) | Cycle | lifetime | |
| 929002387308 | MAS Ledtube 600mm HO 8.3W 865 T5 DC | G5 | - | 200,000 | 50,000 | |
| | | | | hour(s) | | |
| 929002387408 | MAS Ledtube 1200mm HO 16W 840 T5 DC | G5 | - | 200,000 | 50,000 | |
| | | | | hour(s) | | |
| 929002387508 | MAS Ledtube 1200mm HO 16W 865 T5 DC | G5 | - | 200,000 | 50,000 | |
| | | | | hour(s) | | |
| 929002444301 | LED 3.5W 500mm S14s WW ND 1CT/4 | S14s | 30,000 | 50,000 | 30,000 | |
| | | | hour(s) | | hour(s) | |
| 929002444101 | LED 3.5W 500mm S14d WW ND 1CT/4 | S14d | 30,000 | 50,000 | 30,000 | |
| | | | hour(s) | | hour(s) | |

Light Technical

| Order Code | Full Product Name | Beam Angle (Nom) | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Color Code | Luminous Flux |
|--------------|--|------------------|------------------------------------|-----------------------------|------------|---------------|
| 929002444201 | LED 2.2W 300mm S14s WW ND 1CT/4 | 140 degree(s) | 2700 K | 80 | 827 | 250 lm |
| 929003554721 | MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | 240 degree(s) | 6500 K | 82 | 865 | 2,300 lm |
| 929003557121 | MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | 240 degree(s) | 3000 K | 82 | 830 | 2,300 lm |
| 929002443801 | LED 4.5W 310mm S19 WW ND 1CT/4 | 175 degree(s) | 2700 K | 80 | 827 | 480 lm |
| 929002387208 | MAS Ledtube 600mm HO 8.3W 840 T5 DC | 160 degree(s) | 4000 K | 82 | 840 | 1,250 lm |
| 929002387308 | MAS Ledtube 600mm HO 8.3W 865 T5 DC | 160 degree(s) | 6500 K | 82 | 865 | 1,250 lm |
| 929002387408 | MAS Ledtube 1200mm HO 16W 840 T5 DC | 160 degree(s) | 4000 K | 82 | 840 | 2,500 lm |
| 929002387508 | MAS Ledtube 1200mm HO 16W 865 T5 DC | 160 degree(s) | 6500 K | 82 | 865 | 2,500 lm |
| 929002444301 | LED 3.5W 500mm S14s WW ND 1CT/4 | 140 degree(s) | 2700 K | 80 | 827 | 375 lm |
| 929002444101 | LED 3.5W 500mm S14d WW ND 1CT/4 | 140 degree(s) | 2700 K | 80 | 827 | 375 lm |

Operating and Electrical

| Order Code | Full Product Name | Input | Line | Power |
|--------------|--|-------------|-------------|-------------|
| | | Frequency | Frequency | Consumption |
| 929002444201 | LED 2.2W 300mm S14s WW ND 1CT/4 | 50 to 60 Hz | 50 to 60 Hz | 2.2 W |
| | | | | |
| 929003554721 | MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | 50 to 60 Hz | 50 to 60 Hz | 15.5 W |
| | | | | |
| 929003557121 | MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | 50 to 60 Hz | 50 to 60 Hz | 15.5 W |
| | | | | |
| 929002443801 | LED 4.5W 310mm S19 WW ND 1CT/4 | 50 to 60 Hz | 50 to 60 Hz | 4.5 W |
| | | | | |
| 929002387208 | MAS Ledtube 600mm HO 8.3W 840 T5 DC | - Hz | - Hz | 8.3 W |
| | | | | |

| Order Code | Full Product Name | Input | Line | Power |
|--------------|-------------------------------------|-------------|-------------|-------------|
| | | Frequency | Frequency | Consumption |
| 929002387308 | MAS Ledtube 600mm HO 8.3W 865 T5 DC | - Hz | - Hz | 8.3 W |
| | | | | |
| 929002387408 | MAS Ledtube 1200mm HO 16W 840 T5 DC | - Hz | - Hz | 16 W |
| | | | | |
| 929002387508 | MAS Ledtube 1200mm HO 16W 865 T5 DC | - Hz | - Hz | 16 W |
| | | | | |
| 929002444301 | LED 3.5W 500mm S14s WW ND 1CT/4 | 50 to 60 Hz | 50 to 60 Hz | 3.5 W |
| | | | | |
| 929002444101 | LED 3.5W 500mm S14d WW ND 1CT/4 | 50 to 60 Hz | 50 to 60 Hz | 3.5 W |
| | | | | |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|--|----------------------|
| 929002444201 | LED 2.2W 300mm S14s WW ND 1CT/4 | 30 °C |
| 929003554721 | MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | 45 °C |
| 929003557121 | MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | 45 °C |

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|-------------------------------------|----------------------|
| 929002444301 | LED 3.5W 500mm S14s WW ND 1CT/4 | 30 °C |
| 929002387208 | MAS Ledtube 600mm HO 8.3W 840 T5 DC | 45 °C |
| 929002387308 | MAS Ledtube 600mm HO 8.3W 865 T5 DC | 45 °C |

Other LED tube

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|-------------------------------------|----------------------|
| 929002387408 | MAS Ledtube 1200mm HO 16W 840 T5 DC | 55 °C |
| 929002387508 | MAS Ledtube 1200mm HO 16W 865 T5 DC | 55 °C |

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|---------------------------------|----------------------|
| 929002444301 | LED 3.5W 500mm S14S WW ND 1CT/4 | 30 °C |
| 929002444101 | LED 3.5W 500mm S14D WW ND 1CT/4 | 30 °C |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|--------------|--|----------|
| 929002444201 | LED 2.2W 300mm S14S WW ND 1CT/4 | No |
| 929003554721 | MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | No |
| 929003557121 | MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | No |
| 929002443801 | LED 4.5W 310mm S19 WW ND 1CT/4 | No |
| 929002387208 | MAS Ledtube 600mm HO 8.3W 840 T5 DC | Yes |

| Order Code | Full Product Name | Dimmable |
|--------------|-------------------------------------|----------|
| 929002387308 | MAS Ledtube 600mm HO 8.3W 865 T5 DC | Yes |
| 929002387408 | MAS Ledtube 1200mm HO 16W 840 T5 DC | Yes |
| 929002387508 | MAS Ledtube 1200mm HO 16W 865 T5 DC | Yes |
| 929002444301 | LED 3.5W 500mm S14S WW ND 1CT/4 | No |
| 929002444101 | LED 3.5W 500mm S14D WW ND 1CT/4 | No |

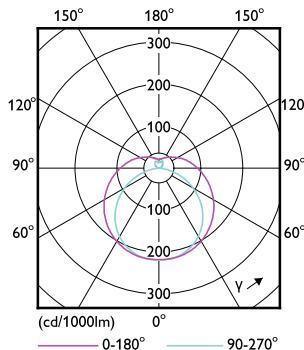
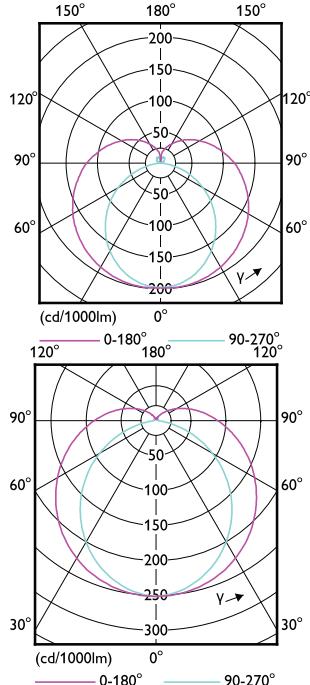
Mechanical and Housing

| Order Code | Full Product Name | Bulb Shape |
|--------------|--|------------|
| 929002444201 | LED 2.2W 300mm S14S WW ND 1CT/4 | Others |
| 929003554721 | MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | T8 |
| 929003557121 | MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | T8 |
| 929002443801 | LED 4.5W 310mm S19 WW ND 1CT/4 | Others |
| 929002387208 | MAS Ledtube 600mm HO 8.3W 840 T5 DC | T5 |

| Order Code | Full Product Name | Bulb Shape |
|--------------|-------------------------------------|------------|
| 929002387308 | MAS Ledtube 600mm HO 8.3W 865 T5 DC | T5 |
| 929002387408 | MAS Ledtube 1200mm HO 16W 840 T5 DC | T5 |
| 929002387508 | MAS Ledtube 1200mm HO 16W 865 T5 DC | T5 |
| 929002444301 | LED 3.5W 500mm S14S WW ND 1CT/4 | Others |
| 929002444101 | LED 3.5W 500mm S14D WW ND 1CT/4 | Others |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|--------------|--|----------------------------------|
| 929002444201 | LED 2.2W 300mm S14S WW ND 1CT/4 | 3 kWh |
| 929003554721 | MAS LEDtube VLE DC 1200mm 15.5W 865 T8 | - |
| 929003557121 | MAS LEDtube VLE DC 1200mm 15.5W 830 T8 | - |
| 929002443801 | LED 4.5W 310mm S19 WW ND 1CT/4 | 5 kWh |
| 929002387208 | MAS Ledtube 600mm HO 8.3W 840 T5 DC | 9 kWh |
| 929002387308 | MAS Ledtube 600mm HO 8.3W 865 T5 DC | 9 kWh |
| 929002387408 | MAS Ledtube 1200mm HO 16W 840 T5 DC | 16 kWh |
| 929002387508 | MAS Ledtube 1200mm HO 16W 865 T5 DC | 16 kWh |
| 929002444301 | LED 3.5W 500mm S14S WW ND 1CT/4 | 4 kWh |
| 929002444101 | LED 3.5W 500mm S14D WW ND 1CT/4 | 4 kWh |



Other LED tube

