



The affordable LED solution

CorePro LEDtube EM/Mains T8

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings — an environmentally friendly solution.

Benefits

- · Minimises overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology

Features

- · Only 50% energy consumption compared to fluorescent tubes
- · Lasts two times longer than fluorescent tubes
- Retrofit replacement of existing T8 lamps on electromagnetic (EM) ballast installations

Application

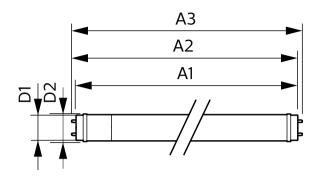
- · Parking lots and covered car parks
- · Warehouses and coldrooms
- Signage

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

CorePro LEDtube EM/Mains T8

Dimensional drawing



| Product | D1 | D2 | A1 | A2 | А3 |
|------------------------------|---------|-------|----------|----------|----------|
| CorePro LEDtube 1200mm 15.5W | 28 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |
| 865 T8 AP I | | | | | |
| CorePro LEDtube 50k 1200mm | 25.7 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |
| 18W865T8 MY | | | | | |
| CorePro LEDtube 600mm 8W 840 | 28 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |
| T8 AP I | | | | | |
| CorePro LEDtube 600mm 8W 865 | 28 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |
| T8 AP I | | | | | |
| CorePro LEDtube HO 1200mm | 25.7 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |
| 18W865T8 AP | | | | | |
| Corepro LEDtube 50k 1200mm | 25.7 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |
| 18W840T8 MY | | | | | |
| Corepro LEDtube HO 1200mm | 25.7 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |
| 18W840T8 AP | | | | | |
| | | | | | |

| General Information | |
|---------------------------------|----------------|
| Cap-Base | G13 |
| Switching Cycle | 200,000 |
| Nominal lifetime | 50,000 hour(s) |
| | |
| Light Technical | |
| Beam Angle (Nom) | 240 degree(s) |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime | 70 % |
| (Nom) | |
| | |
| Operating and Electrical | |
| Input Frequency | 50 to 60 Hz |
| Starting Time (Nom) | 0.5 s |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Shape | Т8 |

Light Technical

| | | Correlated Color | Color | |
|--------------|-------------------------------------|-------------------|-------|---------------|
| Order Code | Full Product Name | Temperature (Nom) | Code | Luminous Flux |
| 929003519808 | CorePro LEDtube 1200mm 15.5W 865 T8 | 6500 K | 865 | 1,800 lm |
| | API | | | |
| 929003520708 | Corepro LEDtube HO 1200mm | 4000 K | 840 | 2,100 lm |
| | 18W840T8 AP | | | |
| 929003520738 | Corepro LEDtube 50k 1200mm | 4000 K | 840 | 2,100 lm |
| | 18W840T8 MY | | | |
| 929003520808 | CorePro LEDtube HO 1200mm | 6500 K | 865 | 2,100 lm |
| | 18W865T8 AP | | | |
| 929003520838 | CorePro LEDtube 50k 1200mm | 6500 K | 865 | 2,100 lm |
| | 18W865T8 MY | | | |
| 929003547208 | CorePro LEDtube 600mm 8W 840 T8 | 4000 K | 840 | 800 lm |
| | API | | | |
| 929003547308 | CorePro LEDtube 600mm 8W 865 T8 AP | 6500 K | 865 | 800 lm |
| | 1 | | | |
| | | | | |

Operating and Electrical

| | | Line | Power | Wattage |
|--------------|--------------------|-------------|-------------|------------|
| Order Code | Full Product Name | Frequency | Consumption | Equivalent |
| 929003519808 | CorePro LEDtube | - | 15.5 W | - |
| | 1200mm 15.5W 865 | | | |
| | T8 AP I | | | |
| 929003520708 | Corepro LEDtube HO | 50 to 60 Hz | 18 W | - |
| | 1200mm 18W840T8 | | | |
| | AP | | | |

| | | Line | Power | Wattage |
|--------------|------------------------|-------------|-------------|------------|
| Order Code | Full Product Name | Frequency | Consumption | Equivalent |
| 929003520738 | Corepro LEDtube 50k | - | 18 W | 36 W |
| | 1200mm 18W840T8 | | | |
| | | | | |
| | MY | | | |
| 929003520808 | MY CorePro LEDtube HO | 50 to 60 Hz | 18 W | - |
| 929003520808 | | 50 to 60 Hz | 18 W | - |

CorePro LEDtube EM/Mains T8

| | | Line | Power | Wattage |
|--------------|---------------------|-----------|-------------|------------|
| Order Code | Full Product Name | Frequency | Consumption | Equivalent |
| 929003520838 | CorePro LEDtube 50k | - | 18 W | 36 W |
| | 1200mm 18W865T8 | | | |
| | MY | | | |
| 929003547208 | CorePro LEDtube | - | 8 W | - |
| | 600mm 8W 840 T8 | | | |
| | API | | | |

| | | Line | Power | Wattage |
|--------------|-------------------|-----------|-------------|------------|
| Order Code | Full Product Name | Frequency | Consumption | Equivalent |
| 929003547308 | CorePro LEDtube | - | 8 W | - |
| | 600mm 8W 865 T8 | | | |
| | API | | | |
| | | | | |

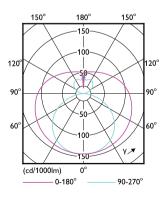
Temperature

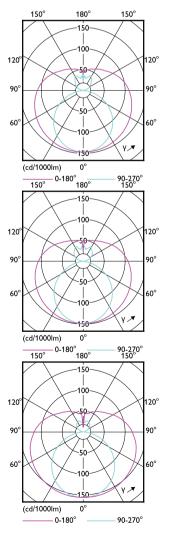
| | | T-Case Maximum |
|--------------|--|----------------|
| Order Code | Full Product Name | (Nom) |
| 929003519808 | CorePro LEDtube 1200mm 15.5W 865 T8 AP I | 60 °C |
| 929003520708 | Corepro LEDtube HO 1200mm 18W840T8 AP | 55 ℃ |
| 929003520738 | Corepro LEDtube 50k 1200mm 18W840T8 MY | 55 ℃ |
| 929003520808 | CorePro LEDtube HO 1200mm 18W865T8 AP | 55 ℃ |

| | | T-Case Maximum |
|--------------|--|----------------|
| Order Code | Full Product Name | (Nom) |
| 929003520838 | CorePro LEDtube 50k 1200mm 18W865T8 MY | 55 ℃ |
| 929003547208 | CorePro LEDtube 600mm 8W 840 T8 AP I | 50 °C |
| 929003547308 | CorePro LEDtube 600mm 8W 865 T8 AP I | 50 °C |

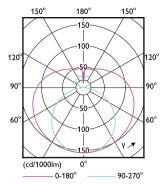
Approval and Application

| Order Code | Full Product Name | Ambient temperature range |
|--------------|-------------------------------------|---------------------------|
| 929003519808 | CorePro LEDtube 1200mm 15.5W 865 T8 | -20 to +45 °C |
| | AP I | |
| 929003520708 | Corepro LEDtube HO 1200mm | -20 °C to 45 °C |
| | 18W840T8 AP | |
| 929003520738 | Corepro LEDtube 50k 1200mm | -20 to +45 °C |
| | 18W840T8 MY | |
| 929003520808 | CorePro LEDtube HO 1200mm | -20 °C to 45 °C |
| | 18W865T8 AP | |
| 929003520838 | CorePro LEDtube 50k 1200mm | -20 to +45 °C |
| | 18W865T8 MY | |
| 929003547208 | CorePro LEDtube 600mm 8W 840 T8 AP | -20 to +45 °C |
| | I | |
| 929003547308 | CorePro LEDtube 600mm 8W 865 T8 AP | -20 to +45 °C |
| | 1 | |





CorePro LEDtube EM/Mains T8





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.