



# The new generation of Mains T5 LEDtube lighting

## MASTER LEDtube Mains T5

The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 installs in luminaires operating on mains power connection. So simple to operate! . Perfectly safe, reliable & easy to install Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

### Benefits

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

### Features

- Replacement of existing T5 lamps: operates with mains power connection
- Energy savings compared with fluorescent tubes
- Long lifetime
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

### Application

- Offices, shops, classrooms
- Industrial facilities and warehouses

# MASTER LEDtube Mains T5

## Versions



CorePro LEDtube HE T5 AU

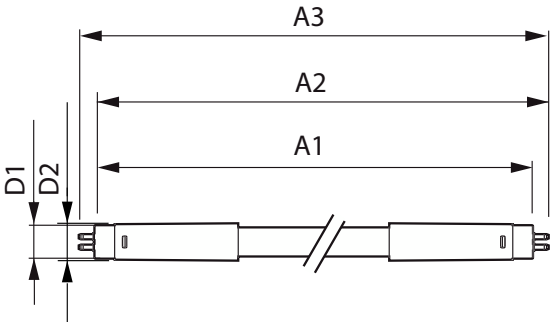
20250509



CorePro LEDtube 600mm HE T5 AU

20250509

## Dimensional drawing



| Product                                | D1      | D2    | A1       | A2         | A3         |
|--|---------|-------|----------|------------|------------|
| CorePro LEDtube 1200mm HE 18W 840 T5AU | 15.7 mm | 19 mm | 1,149 mm | 1,156.1 mm | 1,163.2 mm |
| CorePro LEDtube 1500mm HE 22W 840 T5AU | 15.7 mm | 19 mm | 1,449 mm | 1,456.1 mm | 1,463.2 mm |
| CorePro LEDtube 600mm HE 7.7W 840 T5AU | 15.7 mm | 19 mm | 549 mm   | 556.1 mm   | 563.2 mm   |

| General Information                   |               |
|---------------------------------------|---------------|
| Cap-Base                              | G5            |
| Switching Cycle                       | 200,000       |
| Nominal lifetime                      | 60,000 h      |
| Light Technical                       |               |
| Beam Angle (Nom)                      | 200 degree(s) |
| Correlated Color Temperature (Nom)    | 4000 K        |
| Color rendering index (CRI)           | 80            |
| Color Code                            | 840           |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %          |
| 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                            | T5            |
| Approval and Application              |               |
| Ambient temperature range             | -20 to +45 °C |

## Light Technical

| Order Code   | Full Product Name                      | Luminous Flux |
|--------------|--|---------------|
| 929002421319 | CorePro LEDtube 1500mm HE 22W 840 T5AU | 3,000 lm      |
| 929003044519 | CorePro LEDtube 1200mm HE 18W 840 T5AU | 2,500 lm      |
| 929003795519 | CorePro LEDtube 600mm HE 7.7W 840 T5AU | 1,050 lm      |

## Operating and Electrical

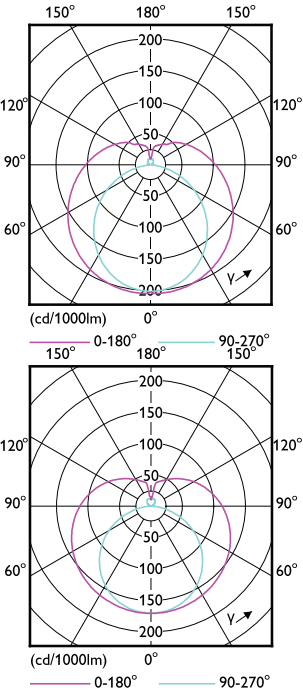
| Order Code   | Full Product Name                      | Wattage           |            |
|--------------|--|-------------------|------------|
|              |  | Power Consumption | Equivalent |
| 929002421319 | CorePro LEDtube 1500mm HE 22W 840 T5AU | 22 W              | 35 W       |

MASTER LEDtube Mains T5

| Order Code   | Full Product Name                      | Wattage           |            |
|--------------|--|-------------------|------------|
|              |  | Power Consumption | Equivalent |
| 929003044519 | CorePro LEDtube 1200mm HE 18W 840 T5AU | 18 W              | 28 W       |
| 929003795519 | CorePro LEDtube 600mm HE 7.7W 840 T5AU | 7.7 W             | 14 W       |

Temperature

| Order Code   | Full Product Name                      | T-Case Maximum (Nom) |
|--------------|--|----------------------|
| 929002421319 | CorePro LEDtube 1500mm HE 22W 840 T5AU | 55 °C                |
| 929003044519 | CorePro LEDtube 1200mm HE 18W 840 T5AU | 55 °C                |
| 929003795519 | CorePro LEDtube 600mm HE 7.7W 840 T5AU | 45 °C                |





## MASTER LEDtube Mains T5

