Philips LED T5 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### Product data

#### General Information
- **Base**: G5 (G5)
- **EU RoHS compliant**: Yes
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X

#### Light Technical
- **Color Code**: 830 (CCT of 3000K)
- **Beam Angle (Nom)**: 200 °
- **Initial lumen (Nom)**: 2000 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 K
- **Luminous Efficacy (rated) (Nom)**: 142.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

#### Operating and Electrical
- **Input Frequency**: 40000-110000 Hz
- **Power (Rated) (Nom)**: 14 W
- **Lamp Current (Max)**: 350 mA
- **Lamp Current (Min)**: 150 mA
- **Starting Time (Nom)**: 0.5 s
- **Warm Up Time to 60% Light (Nom)**: 0.5 s
- **UL Type**: Type A - works on ballast
- **Power Factor (Nom)**: 0.9
- **Voltagae (Nom)**: 70-105 V

#### Temperature
- **T-Ambient (Max)**: 45 °C
- **T-Ambient (Min)**: -20 °C
- **T-Storage (Max)**: 65 °C
- **T-Storage (Min)**: -40 °C
- **T-Case Maximum (Nom)**: 70 °C

#### Controls and Dimming
- **Dimmable**: Yes

#### Mechanical and Housing
- **Product Length**: 48 in

#### Approval and Application
- **Energy Efficiency Label (EEL)**: Not applicable
- **Energy Saving Product**: Yes
- **Approbation Marks**: UL certificate RoHS compliance
- **Energy Consumption kWh/1000 h**: – kWh
- **Energy Certifications**: DLC Standard

### Product Data
- **Order product name**: 14T5HE/46-830/IF20/G/DIM 10/1

Datasheet, 2020, November 18

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Data subject to change
T5

Product
14T5HE/46–830/

Model Number
9290018239

Order code
476499

Numerator - Quantity Per Pack
1

Numerator - Packs per outer box
10

Material Nr. (12NC)
929001823904

Dimensional drawing

LEDtube PLC 400mm 16–5W 2G11 830 2000lm

LEDtube 14W G5 830 200D DIM IF20

LEDtube 8W G5 830 200D DIM IF10

Photometric data

Datasheet, 2020, November 18

CalcuLuX Photometrics 4.5