PHILIPS Lighting

CorePro LEDtube InstantFit HF T5



CorePro LEDtube InstantFit HF T5 is the quick and easy way to replace T5 fluorescent tubes with a fast payback time. Designed with industry leading ballast compatibility, the product is ideal for your everyday lighting jobs. With simply plugand-play installation, it improves energy efficiency immediately and lasts for longer than conventional T5.

Product data

| General Information | |
|--|--------------------|
| Cap-Base | G5 |
| Nominal lifetime | 50,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |
| | |
| Light Technical | |
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 200 degree(s) |
| Luminous Flux | 3,900 lm |
| Luminous Efficacy (rated) (Nom) | 146 lm/W |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Photobiological safety according to EN 62471 | RGO |
| | |

| Operating and Electrical | |
|--|---------------|
| Input Frequency | 30K to 60K Hz |
| Power Consumption | 26.7 W |
| Lamp Current (Max) | 620 mA |
| Lamp Current (Min) | 300 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 20-90 V |
| LED alternative to fluorescent lamp power | 54 W |
| Inrush current at mains | - |
| Max. lamp no. on MCB B type 10A - Mains | - |
| Max. lamp no. on MCB B type 10A - EM ballast | - |
| without Compensation Capacitor. | |
| Max. lamp no. on MCB B type 10A - EM ballast | - |
| with Compensation Capacitor. | |
| Max. lamp no. on MCB B type 16A - Mains | - |
| Max. lamp no. on MCB B type 16A – EM ballast | - |
| without Compensation Capacitor. | |
| | |

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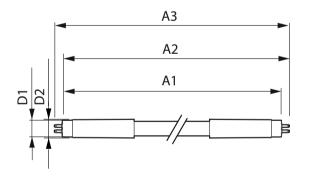


CorePro LEDtube InstantFit HF T5

| Max. lamp no. on MCB B type 16A – EM ballast | - |
|--|--------------------------------|
| with Compensation Capacitor. | |
| Ballast Compatibility | HF |
| | |
| Temperature | |
| Ambient temperature range | -20 to +45 °C |
| T-Case Maximum (Nom) | 45 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Product Length | 1,200 mm |
| Bulb Shape | Т5 |
| | |
| Approval and Application | |
| Energy Efficiency Class | D |
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance TUV CE marking |
| | KEMA Keur certificate |

| Energy Consumption kWh/1000 h | 27 kWh |
|---------------------------------|------------------------------|
| EPREL Registration Number | 1857691 |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| | |
| Product Data | |
| Order product name | CorePro LEDtube HF 1200mm HO |
| | 26.7W 840T5 |
| Full product name | CorePro LEDtube HF 1200mm HO |
| | 26.7W 840T5 |
| Full product code | 872016929560500 |
| Order code | 929003775102 |
| Material Nr. (12NC) | 929003775102 |
| Net Weight (Piece) | 0.160 kg |
| EAN/UPC - Product/Case | 8720169295605 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8720169295612 |
| | |

Dimensional drawing

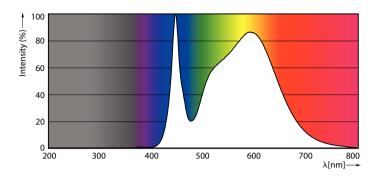


Product

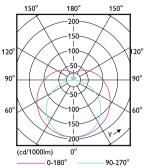
CorePro LEDtube HF 1200mm HO 26.7W 840T5

CorePro LEDtube InstantFit HF T5

Photometric data



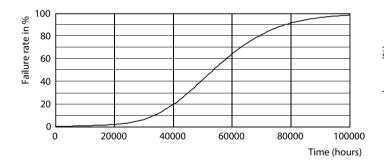
Spectral Power Distribution Colour - CorePro LEDtube HF 1200mm HO 26.7W 840T5



Light Distribution Diagram - CorePro LEDtube HF 1200mm HO 26.7W 840T5

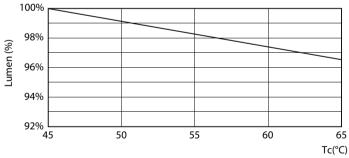
| | General Uniform Ligh |
|---|--|
| | 1 - TLED 24.TW 4008K 9290837751 |
| | 1 x 2900 in |
| | Constraints for Constraints |
| All And | |

General uniform lighting - CorePro LEDtube HF 1200mm HO 26.7W 840T5



Life Expectancy Diagram

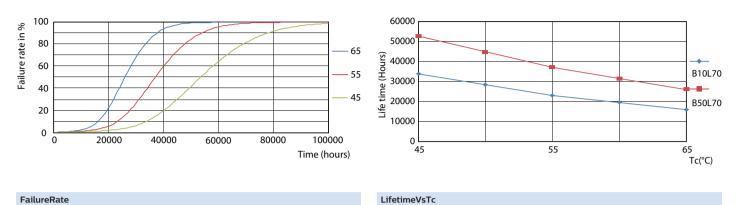
Lifetime

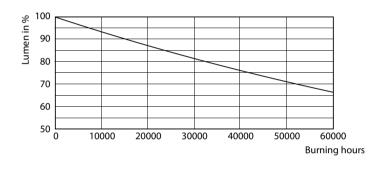


Lumen Maintenance Diagram - CorePro LEDtube HF 1200mm HO 26.7W 840T5

CorePro LEDtube InstantFit HF T5

Lifetime





Lumen Maintenance Diagram - CorePro LEDtube HF 1200mm HO 26.7W 840T5



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