

# SmartForm TPS460/462/464

## TPS464 2x28W/830 HFP H2L MLO-PC SMTT

SmartForm suspended, 2, 28 W, 61 W, 830 warm white, HF Performer, Micro-lens optic in polycarbonate cover

We all feel and perform better in a pleasant, comfortable working environment. Designed for use in offices, shops and schools, the SmartForm family of suspended mounted luminaires combines best-in-class lighting with a clean, distinctive design. These ultra-flat luminaires are available with a choice of MASTER TL5, TL5 ECO or LED light sources in rectangular and square versions with direct/indirect lighting combinations. They can also be used to form light-lines and structures. With its wide choice of very efficient and comfortable micro-optics and covers, SmartForm suspended provides the ideal solution for every situation. Lighting controls can be added for further energy saving.

### Product data

| General Information | |
|---|---|
| **Lamp family code** | TL5 [TL5] |
| **Cap-Base** | G5 [G5] |
| **Light source replaceable** | Yes |
| **Number of gear units** | 1 unit |
| **Gear** | HFP [HF Performer] |
| **Driver included** | Yes |
| **Product family code** | TPS464 [SmartForm suspended] |
| **Embedded control** | - |
| **CE mark** | Yes |
| **Warranty period** | 5 years |

| | |
|---|---|
| **Flammability mark** | For mounting on normally flammable surfaces |
| **ENEC mark** | ENEC mark |
| **Glow-wire test** | Temperature 850 °C, duration 5 s |
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 4,148 lm |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (rated) (Nom)** | 68 lm/W |
| **Color rendering index (CRI)** | 82 |
| **Number of light sources** | 2 |

# SmartForm TPS460/462/464

| | |
|---|---|
| **Light source color** | 830 warm white |
| **Optic type** | - |
| **Optical cover type** | Micro-lens optic in polycarbonate cover |
| **Luminaire light beam spread** | 120° |

## Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 220-240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 48 A |
| **Inrush time** | 1 ms |
| **Power Consumption** | 28 61 W |
| **Power Factor (Fraction)** | 0.96 |
| **Connection** | Push-in connector 3-pole |
| **Cable** | Cable with CEE 7 plug 3-pole |
| **Number of products on MCB of 16 A type B** | - |

## Temperature

| | |
|---|---|
| **Ambient temperature range** | +10 to +40 °C |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | No |
| **Driver/power unit/transformer** | Electronic transformer |
| **Constant light output** | No |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Steel |
| **Reflector material** | - |
| **Optic material** | - |
| **Optical cover material** | Polycarbonate |
| **Fixation material** | Stainless steel |
| **Housing Color** | White |
| **Optical cover finish** | Textured |
| **Overall length** | 1,240 mm |
| **Overall width** | 217 mm |
| **Overall height** | 49 mm |
| **Dimensions (Height x Width x Depth)** | 49 x 217 x 1240 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP40 [Wire-protected] |
| **Mech. impact protection code** | IK07 [2 J reinforced] |
| **Protection class IEC** | Safety class I |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | (0.43, 0.40) SDCM <3.5 |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Driver failure rate at 5000 h** | 1 % |

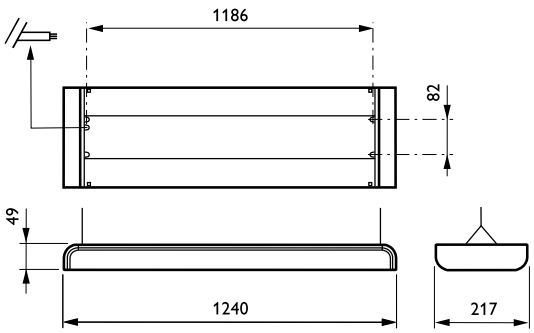
## Application Conditions

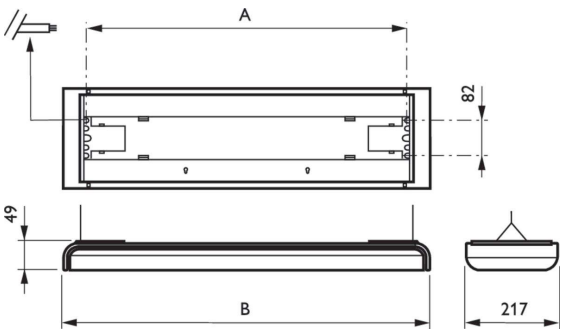
| | |
|---|---|
| **Suitable for random switching** | No |

## Product Data

| | |
|---|---|
| **Order product name** | TPS464 2x28W/830 HFP H2L MLO-PC SMTT |
| **Full product name** | TPS464 2x28W/830 HFP H2L MLO-PC SMTT |
| **Full product code** | 871794399209600 |
| **Order code** | 910501393803 |
| **Material Nr. (12NC)** | 910501393803 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8717943992096 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8717943992096 |

## Dimensional drawing




| Product | A | B |
|---|---|---|
| TPS464 2x28W/830 HFP H2L MLO-PC SMTT | 1,186 mm | 1,240 mm |




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