



SmartForm TBS415

TBS415 1x49W/830 HFP T MLO-PC W

SmartForm recessed semi-modular, 1, 49 W, 830 warm white, HF Performer, Micro-lens optic in polycarbonate cover, Plug-in connector 3-pole Wieland/Adels compatible

Reflecting Philips' drive for simplicity and sustainability, SmartForm recessed is a complete family of highly versatile modular and semi-modular luminaires. These luminaires are available with a choice of LED or MASTER TL5 light sources in very small, slender versions. Designed to fit in a wide range of ceiling types, this complete family can fulfill the majority of project requirements in most applications. Energy efficiency. As well as incorporating energy-efficient light sources and electronic ballasts, the SmartForm recessed family can be equipped with lighting controls. These include solutions for presence detection and daylight regulation (ActiLume) or daylight regulation only (Luxsense), thereby further reducing energy consumption (W/m² is very low). In this way, this Green Flagship range lowers overall cost of ownership as well as CO₂ levels, making SmartForm an environmentally friendly choice. SmartForm recessed TBS415 – 'light beam' semi-modular – 600 mm module. SmartForm recessed luminaires are designed for integration in linear ceiling systems with a width of 148 mm (half module 300 mm) for exposed and concealed T-bar and the extended versions for bandrastr ceilings. 'Light surface' TBS415 1-lamp. MLO and asymmetrical optic in 1/2 modular concept, width 148 mm. Modular length 600, 900, 1200 and 1500 mm. To extend till 2400 mm. 'Light beam' TBS415 1-lamp: micro-optics in 1/2 modular concept with AIR function, width 148 mm. Modular length 600, 900, 1200 and 1500 mm. To extend till 2400 mm. 'Light beam' TBS415 2-lamps. Mini-optics, 2-lamps in 1/2 modular concept with AIR function, width 148 mm. Modular length 600, 900, 1200 and 1500 mm. To extend till 2400 mm.

Product data

SmartForm TBS415

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|---------------------------|---|
| General Information | |
| Lamp family code | TL5 [TL5] |
| Cap-Base | G5 [G5] |
| Gear | HFP [HF Performer] |
| Feed-through wiring | - |
| Product family code | TBS415 [SmartForm recessed semi-modular] |
| Lighting Technology | Fluorescent |
| Embedded control | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 850 °C, duration 5 s |
| Light Technical | |
| Number of light sources | 1 |
| Light source color | 830 warm white |
| Optic type | - |
| Optical cover type | Micro-lens optic in polycarbonate cover |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Power Consumption | 49 W |
| Connection | Plug-in connector 3-pole Wieland/Adels compatible |
| Cable | - |
| Temperature | |
| Ambient temperature range | +10 to +40 °C |

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|-------------------------------------|---------------------------------|
| Mechanical and Housing | |
| Housing Material | Steel |
| Housing Color | White |
| Overall length | 1,497 mm |
| Approval and Application | |
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class I |
| Initial Performance (IEC Compliant) | |
| Power consumption tolerance | +/-10% |
| Application Conditions | |
| Suitable for random switching | Not applicable |
| Product Data | |
| Order product name | TBS415 1x49W/830 HFP T MLO-PC W |
| Full product name | TBS415 1x49W/830 HFP T MLO-PC W |
| Full product code | 871794398915700 |
| Order code | 910501912703 |
| Material Nr. (12NC) | 910501912703 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8717943989157 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8717943989157 |

Dimensional drawing



