

# SmartForm TBS417

## TBS417 1x54W/830 HFP D8 W

SmartForm recessed semi-modular, 1, 54 W, 830 warm white, HF Performer, Semi-high-gloss optic 3D micro-lamellae, 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. 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/m<sup>2</sup> is very low). In this way, this Green Flagship range lowers overall cost of ownership as well as CO<sub>2</sub> levels, making SmartForm an environmentally friendly choice. Slender SmartForm recessed continuous light-line luminaires are designed for integration in linear exposed T-bar and plaster ceilings. Continuous light line for micro-optics, asymmetrical optic and rimless MLO and Opal covers. All versions TL5: 14/24 W; 21/39 W; 28/54 W; 35/49/80 W. Luminaire width is 90 mm. Continuous light line for mini-optics, 2-lamps. All versions TL5: 14/24 W; 21/39 W; 28/54 W; 35/49/80 W. Luminaire width is 115 mm.

### Product data

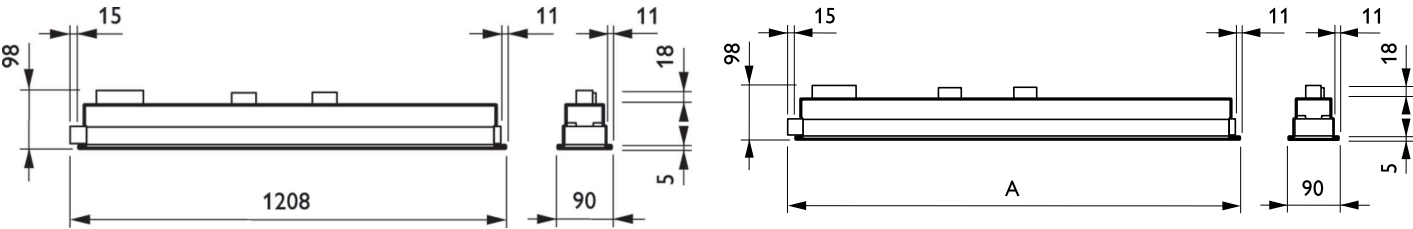
| General Information |                    | Product family code | TBS417 [SmartForm recessed semi-modular] |
|---------------------|--------------------|---------------------|--|
| Lamp family code    | TL5 [TL5]          | Embedded control    | -  |
| Cap-Base            | G5 [G5]            | CE mark             | Yes                                      |
| Gear                | HFP [HF Performer] | ENEC mark           | ENEC mark                                |
| Feed-through wiring | -                  |                     |  |

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|                               |   |
|-------------------------------|---|
| Glow-wire test                | Temperature 850 °C, duration 5 s                  |
| Light Technical               |   |
| Number of light sources       | 1   |
| Light source color            | 830 warm white                                    |
| Optic type                    | Semi-high-gloss optic 3D micro-lamellae           |
| Optical cover type            | -   |
| Operating and Electrical      |   |
| Input Voltage                 | 220 to 240 V                                      |
| Power Consumption             | 54 W  |
| Connection                    | Plug-in connector 3-pole Wieland/Adels compatible |
| Cable                         | -   |
| Controls and Dimming          |   |
| Driver/power unit/transformer | -   |
| Mechanical and Housing        |   |
| Housing Color                 | White   |
| Overall length                | 1,208 mm  |

|                                 |                           |
|---------------------------------|---------------------------|
| Approval and Application        |                           |
| Ingress protection code         | IP20 [Finger-protected]   |
| Mech. impact protection code    | IK02 [0.2 J standard]     |
| Protection class IEC            | Safety class I            |
| Application Conditions          |                           |
| Suitable for random switching   | Not applicable            |
| Product Data                    |                           |
| Order product name              | TBS417 1x54W/830 HFP D8 W |
| Full product name               | TBS417 1x54W/830 HFP D8 W |
| Full product code               | 871794398927000           |
| Order code                      | 910501913903              |
| Material Nr. (12NC)             | 910501913903              |
| Numerator - Quantity Per Pack   | 1                         |
| EAN/UPC - Product/Case          | 8717943989270             |
| Numerator - Packs per outer box | 1                         |
| EAN/UPC - Case                  | 8717943989270             |

Dimensional drawing



|                           |          |
|---------------------------|----------|
| Product                   | A        |
| TBS417 1x54W/830 HFP D8 W | 1,208 mm |

