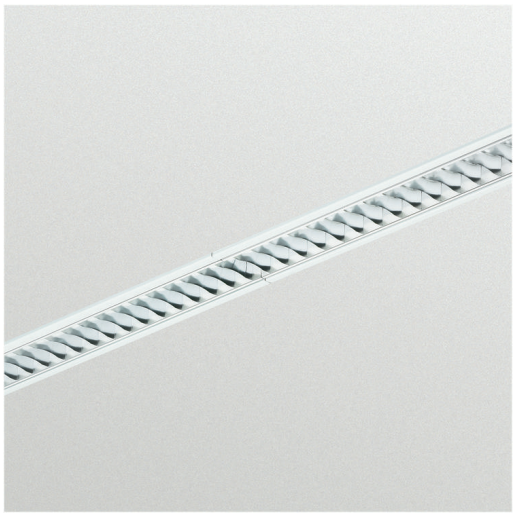


SmartForm TBS417

TBS417 1x49W/830 HFR D8 PIP

SmartForm recessed semi-modular, 1, 49 W, 830 warm white, HF Regulator, Semi-high-gloss optic 3D micro-lamellae, Push-in connector and pull relief

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 TBS417 – 'light line beam'. Slender SmartForm recessed continuous light-line luminaires are designed for integration in linear exposed T-bar and plaster ceilings. 'Light line beam' TBS417 1-lamp. 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. 'Light line beam' TBS417 2-lamps. 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	
Lamp family code	TL5 [TL5]
Cap-Base	G5 [G5]
Gear	HFR [HF Regulator]

Feed-through wiring	-
Product family code	TBS417 [SmartForm recessed semi-modular]
Lighting Technology	Fluorescent
Embedded control	-

SmartForm TBS417

CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s

Light Technical

Luminous Flux	4,900 lm
Luminous Efficacy (rated) (Nom)	100 lm/W
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
Line Frequency	50 to 60 Hz
Power Consumption	49 W
Connection	Push-in connector and pull relief
Cable	-

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Driver/power unit/transformer	-

Mechanical and Housing

Housing Material	Steel
Reflector material	Aluminum
Optic material	Aluminum
Optical cover material	-
Fixation material	-
Housing Color	White
Overall length	1,508 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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

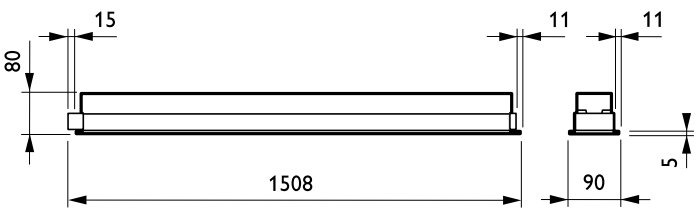
Application Conditions

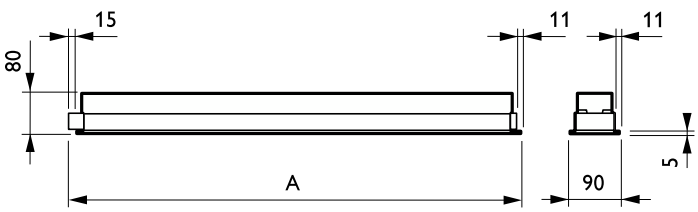
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	TBS417 1x49W/830 HFR D8 PIP
Full product name	TBS417 1x49W/830 HFR D8 PIP
Full product code	871794398983600
Order code	98983600
Material Nr. (12NC)	910501919503
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943989836
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943989836

Dimensional drawing





Product	A
TBS417 1x49W/830 HFR D8 PIP	1,508 mm



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