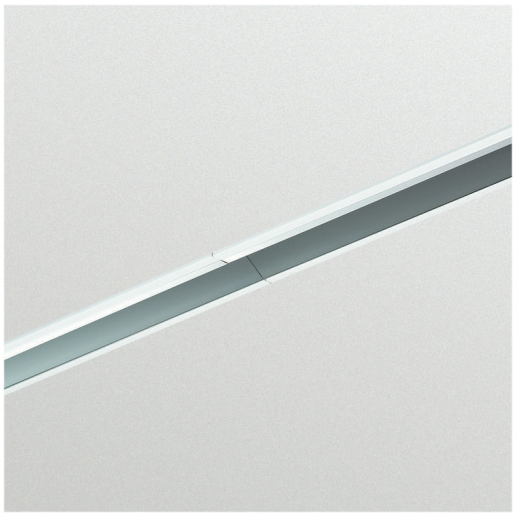


SmartForm TBS417

TBS417 1x49W/840 HFP A W

SmartForm recessed semi-modular, 1, 49 W, 840 neutral white, HF Performer, Asymmetrical mirror, 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 LED or TL5 light sources and a range of Philips electronic ballasts, the SmartForm recessed family can be equipped with lighting controls for presence detection and daylight regulation (ActiLume) or daylight regulation only (Luxsense) in order to reduce energy consumption (W/m2 is very low). In this way, this Green Flagship range also reduces the 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	HFP [HF Performer]

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	840 neutral white
Optic type	Asymmetrical mirror
Optical cover type	-

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

Controls and Dimming

Driver/power unit/transformer	-

Mechanical and Housing

Housing Material	Steel
Reflector material	Aluminum
Optic material	Aluminum
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

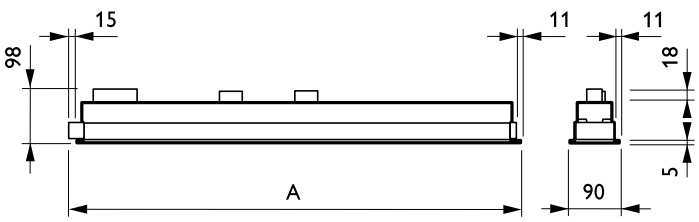
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	TBS417 1x49W/840 HFP A W
Full product name	TBS417 1x49W/840 HFP A W
Full product code	871794398808200
Order code	910501902003
Material Nr. (12NC)	910501902003
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943988082
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943988082

Dimensional drawing





Product	A
TBS417 1x49W/840 HFP A W	1,508 mm

SmartForm TBS417



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.