

# SmartForm TBS411

## TBS411 1x54W/840 HFP D8-VH PIP

SmartForm recessed semi-modular, 1, 54 W, HF Performer, Semi-high-gloss optic 3D micro-lamellae very high reflectance

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/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. These slender SmartForm recessed luminaires are designed for integration in variety of linear ceiling systems: exposed and concealed T-bar, plaster and the extended versions for bandrastrer ceilings. Micro-optics and covers (MLO-PC and Opal) in smallest concept, width 90 mm. Modular length 600, 900, 1200 and 1500 mm. To extend till 2400 mm. Micro-optics and covers in smallest concept with AIR function, width 100 mm. Modular length 600, 900, 1200 and 1500 mm. To extend till 2400 mm. Mini-optics, 2-lamps, width 115 mm. Modular length 600, 900, 1200 and 1500 mm. To extend till 2400 mm.

### Product data

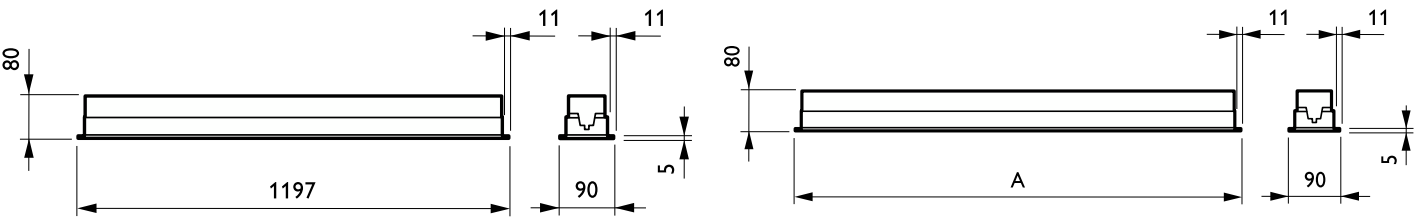
General Information			
Lamp family code	TL5 [TL5]	Embedded control	-
Gear	HFP [HF Performer]	CE mark	Yes
Feed-through wiring	-	Glow-wire test	Temperature 850 °C, duration 5 s
Product family code	TBS411 [SmartForm recessed semi-modular]		

SmartForm TBS411

Light Technical	
Number of light sources	1
Light source color	840 neutral white
Optic type	Semi-high-gloss optic 3D micro-lamellae very high reflectance
Optical cover type	-
Operating and Electrical	
Input Voltage	220 to 240 V
Power Consumption	54 W
Connection	Push-in connector and pull relief
Cable	-
Mechanical and Housing	
Housing Color	White
Overall length	1,197 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]

Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I
Application Conditions	
Suitable for random switching	Not applicable
Product Data	
Order product name	TBS411 1x54W/840 HFP D8-VH PIP
Full product name	TBS411 1x54W/840 HFP D8-VH PIP
Full product code	87179439866800
Order code	910501887803
Material Nr. (12NC)	910501887803
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943986668
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943986668

Dimensional drawing



Product	A
TBS411 1x54W/840 HFP D8-VH PIP	1,197 mm

