PHILIPS Lighting



SmartForm TBS417

TBS417 1x54W/840 HFP MLO-PC W

SmartForm recessed semi-modular, 1, 54 W, 840 neutral 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 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 microoptics, 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.

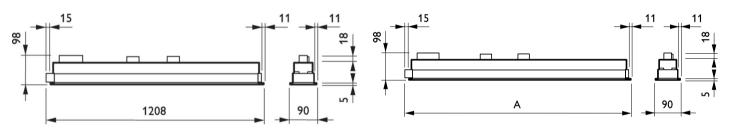
Product data

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

SmartForm TBS417

ENEC markENEC markMech. impact protection codeIKO2 [0.2 J standard]Glow-wire testTemperature 850 °C, duration 5 sProtection class IECSafety class ILight TechnicalApplication ConditionsINumber of light sources1Suitable for random switchingNot applicableLight source color840 neutral whiteProduct DataOrder product nameTBS417 1x54W/840 HFP MLO-PC WOptical cover type-Order product nameTBS417 1x54W/840 HFP MLO-PC WOperating and Electrical220 to 240 VOrder code910501903103Input Voltage220 to 240 VOrder code910501903103Power Consumption54 WMaterial Nr. (12NC)910501903103ConnectionPlug-in connector 3-pole Wieland/Adels compatibleNumerator - Quantity Per Pack1	
Light TechnicalNumber of light sources1Number of light sources1Light source color840 neutral whiteOptic type-Optical cover typeMicro-lens optic in polycarbonate coverProduct DataOptical cover typeMicro-lens optic in polycarbonate coverOrder product nameTBS417 1x54W/840 HFP MLO-PC WFull product nameTBS417 1x54W/840 HFP MLO-PC WOperating and ElectricalFull product code871794398819800Input Voltage220 to 240 VOrder code910501903103Power Consumption54 WMaterial Nr. (12NC)910501903103Numerator - Quantity Per Pack1Item Content operating	
Number of light sources1Suitable for random switchingNot applicableLight source color840 neutral whiteOptic type-Product DataOptical cover typeMicro-lens optic in polycarbonate coverOrder product nameTBS417 1x54W/840 HFP MLO-PC WOperating and ElectricalFull product code871794398819800Input Voltage220 to 240 VOrder code910501903103Power Consumption54 WMaterial Nr. (12NC)910501903103Numerator - Quantity Per Pack1	
Number of light sources1Suitable for random switchingNot applicableLight source color840 neutral whiteOptic type-Product DataOptical cover typeMicro-lens optic in polycarbonate coverOrder product nameTBS417 1x54W/840 HFP MLO-PC WOperating and ElectricalFull product code871794398819800Input Voltage220 to 240 VOrder code910501903103Power Consumption54 WMaterial Nr. (12NC)910501903103Numerator - Quantity Per Pack1	
Light source color840 neutral whiteOptic type-Product DataOptical cover typeMicro-lens optic in polycarbonate coverOrder product nameTBS417 1x54W/840 HFP MLO-PC WOperating and ElectricalFull product nameTBS417 1x54W/840 HFP MLO-PC WInput Voltage220 to 240 VOrder code910501903103Power Consumption54 WMaterial Nr. (12NC)910501903103ConnectionPlug-in connector 3-pole Wieland/Adels compatibleNumerator - Quantity Per Pack1	
Optic type-Product DataOptical cover typeMicro-lens optic in polycarbonate coverOrder product nameTBS417 1x54W/840 HFP MLO-PC WFull product nameTBS417 1x54W/840 HFP MLO-PC WFull product nameTBS417 1x54W/840 HFP MLO-PC WOperating and ElectricalFull product code871794398819800Input Voltage220 to 240 VOrder code910501903103Power Consumption54 WMaterial Nr. (12NC)910501903103ConnectionPlug-in connector 3-pole Wieland/Adels compatibleNumerator - Quantity Per Pack1	
Optical cover type Micro-lens optic in polycarbonate cover Order product name TBS417 1x54W/840 HFP MLO-PC W Operating and Electrical Full product name TBS417 1x54W/840 HFP MLO-PC W Input Voltage 220 to 240 V Full product code 871794398819800 Power Consumption 54 W Order code 910501903103 Connection Plug-in connector 3-pole Wieland/Adels compatible Numerator - Quantity Per Pack 1	
Full product name TBS417 1x54W/840 HFP MLO-PC W Operating and Electrical Full product code 871794398819800 Input Voltage 220 to 240 V Order code 910501903103 Power Consumption 54 W Material Nr. (12NC) 910501903103 Pometion Plug-in connector 3-pole Wieland/Adels compatible Numerator - Quantity Per Pack 1	
Operating and Electrical Full product code 871794398819800 Input Voltage 220 to 240 V Order code 910501903103 Power Consumption 54 W Material Nr. (12NC) 910501903103 Connection Plug-in connector 3-pole Wieland/Adels compatible Numerator - Quantity Per Pack 1	
Input Voltage 220 to 240 V Order code 910501903103 Power Consumption 54 W Material Nr. (12NC) 910501903103 Connection Plug-in connector 3-pole Wieland/Adels compatible Numerator - Quantity Per Pack 1	
Power Consumption 54 W Material Nr. (12NC) 910501903103 Connection Plug-in connector 3-pole Wieland/Adels compatible Numerator - Quantity Per Pack 1	
Connection Plug-in connector 3-pole Wieland/Adels compatible Numerator - Quantity Per Pack 1	
Cable - EAN/UPC - Product/Case 8717943988198	
Numerator - Packs per outer box 1	
Mechanical and HousingEAN/UPC - Case8717943988198	
Housing Color White	
Overall length1,208 mm	
Approval and Application	
Ingress protection code IP40 [Wire-protected]	

Dimensional drawing



Product	А
TBS417 1x54W/840 HFP MLO-PC W	1,208 mm



© 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.

www.lighting.philips.com 2023, April 29 - data subject to change