PHILIPS Lighting



SmartForm TBS462

TBS462 4x14W/840 HFD-T SQR D8-C PIP IP

SmartForm recessed modular, 4, 14 W, 840 neutral white, HF DALI touch-switch dimming, Semi-high-gloss optic 3D microlamellae comfort, 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 square and rectangular versions. Designed to fit in a wide range of ceiling types, SmartForm 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 TBS462 – ultra-flat 'light beam'. SmartForm recessed TBS462 'light beam' luminaires are built around superior micro-optics and have a build-in height of a mere 45 mm, making them ideal for applications requiring very flat light fittings, e.g. refurbishment projects where ceiling space may be especially limited.

Product data

General Information		
Lamp family code	TL5 [TL5]	
Gear	HFD-T [HF DALI touch-switch dimming]	
Product family code	TBS462 [SmartForm recessed modular]	
Embedded control	-	
CE mark	Yes	

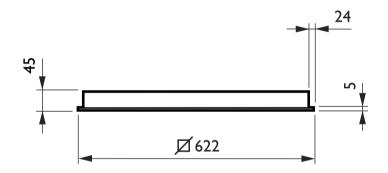
Flammability mark	For mounting on normally flammable surfaces	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 850 °C, duration 5 s	
Light Technical		
Number of light sources	4	

SmartForm TBS462

Light source color	840 neutral white	Mech. impact protection code	IK02 [0.2 J standard]
Optic type	Semi-high-gloss optic 3D micro-lamellae comfort	Protection class IEC	Safety class I
Optical cover type	-		
		Application Conditions	
Operating and Electrical		Suitable for random switching	Not applicable
Input Voltage	220 to 240 V		
Power Consumption	14 W	Product Data	
Connection	Push-in connector and pull relief	Order product name	TBS462 4x14W/840 HF
Cable	-	Full product name	TBS462 4x14W/840 HF
		Full product code	871794391354100
Temperature		Order code	910501968903
Ambient temperature range	+10 to +40 °C	Material Nr. (12NC)	910501968903
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8717943913541
Housing Color	White	Numerator - Packs per outer box	1
		EAN/UPC - Case	8717943913541
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		

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Dimensional drawing





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