PHILIPS Lighting



SmartForm TBS462

TBS462 2x14W/840 HFP SQR D8 PIP IP

SmartForm recessed modular, 2, 14 W, 840 neutral white, HF Performer, 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 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

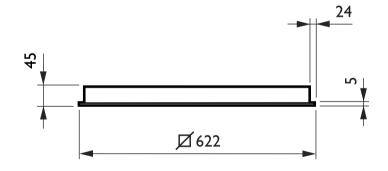
General Information		
Lamp family code	TL5 [TL5]	
Cap-Base	G5 [G5]	
Gear	HFP [HF Performer]	
Product family code	TBS462 [SmartForm recessed modular]	
Embedded control	-	

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

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Light Technical		Mech. impact protection code	IK02 [0.2 J standard]
Number of light sources	2	Protection class IEC	Safety class I
Light source color	840 neutral white		
Optic type	Semi-high-gloss optic 3D micro-lamellae	Application Conditions	
Optical cover type	-	Suitable for random switching	Not applicable
Operating and Electrical		Product Data	
Input Voltage	220 to 240 V	Order product name	TBS462 2x14W/840 HFP SQR D8 PIP IP
Power Consumption	14 W	Full product name	TBS462 2x14W/840 HFP SQR D8 PIP IP
Connection	Push-in connector and pull relief	Full product code	871150000803900
Cable	-	Order code	910501830403
		Material Nr. (12NC)	910501830403
Temperature		Numerator - Quantity Per Pack	1
Ambient temperature range	+10 to +40 °C	EAN/UPC - Product/Case	8711500008039
		Numerator - Packs per outer box	1
Mechanical and Housing		EAN/UPC - Case	8711500008039
Housing Color	White		
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		

Dimensional drawing





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