



# SmartForm TBS460

## TBS460 2x28W/830 HFR D8-VH LXM W AIR IP

SmartForm recessed modular, 2, 28 W, 830 warm white, HF Regulator, Semi-high-gloss optic 3D micro-lamellae very high reflectance, Luxsense for micro optic, 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 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/m<sup>2</sup> is very low). In this way, this Green Flagship range lowers overall cost of ownership as well as CO<sub>2</sub> levels, making SmartForm an environmentally friendly choice. SmartForm recessed TBS460 – ultra-flat 'light beam'. SmartForm recessed TBS460 '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		CE mark	Yes
Lamp family code	TL5 [TL5]	Flammability mark	For mounting on normally flammable surfaces
Gear	HFR [HF Regulator]	ENEC mark	ENEC mark
Product family code	TBS460 [SmartForm recessed modular]	Glow-wire test	Temperature 850 °C, duration 5 s
Embedded control	Luxsense for micro optic		

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### Light Technical

Number of light sources	2
Light source color	830 warm 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	28 W
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-

### Mechanical and Housing

Housing Color	White
Overall length	1,197 mm

### Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

### Application Conditions

Suitable for random switching	Not applicable
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### Product Data

Order product name	TBS460 2x28W/830 HFR D8-VH LXM W AIR IP
Full product name	TBS460 2x28W/830 HFR D8-VH LXM W AIR IP
Full product code	871794398231800
Order code	910501864503
Material Nr. (12NC)	910501864503
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943982318
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943982318

