



# SmartForm TBS462

## TBS462 3x14W/840 HFP SQR C8 PIP IP

SmartForm recessed modular, 3, 14 W, 840 neutral white, HF Performer, 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/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 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]                           | Flammability mark       | For mounting on normally flammable surfaces |
| Gear                | HFP [HF Performer]                  | ENEC mark               | ENEC mark                                   |
| Product family code | TBS462 [SmartForm recessed modular] | Glow-wire test          | Temperature 850 °C, duration 5 s            |
| Embedded control    | -                                   | Light Technical         |   |
| CE mark             | Yes                                 | Number of light sources | 3   |

## SmartForm TBS462

|                    |                                    |
|--------------------|------------------------------------|
| Light source color | 840 neutral white                  |
| Optic type         | High-gloss optic 3D micro-lamellae |
| Optical cover type | -                                  |

### Operating and Electrical

|                   |                                   |
|-------------------|-----------------------------------|
| Input Voltage     | 220 to 240 V                      |
| Power Consumption | 14 W                              |
| Connection        | Push-in connector and pull relief |
| Cable             | -                                 |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

### Mechanical and Housing

|               |       |
|---------------|-------|
| Housing Color | White |
|---------------|-------|

### Approval and Application

|                         |                         |
|-------------------------|-------------------------|
| Ingress protection code | IP20 [Finger-protected] |
|-------------------------|-------------------------|

|                              |                       |
|------------------------------|-----------------------|
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC         | Safety class I        |

### Application Conditions

|                               |                |
|-------------------------------|----------------|
| Suitable for random switching | Not applicable |
|-------------------------------|----------------|

### Product Data

|                                 |                                    |
|---------------------------------|------------------------------------|
| Order product name              | TBS462 3x14W/840 HFP SQR C8 PIP IP |
| Full product name               | TBS462 3x14W/840 HFP SQR C8 PIP IP |
| Full product code               | 871150000679000                    |
| Order code                      | 910501816103                       |
| Material Nr. (12NC)             | 910501816103                       |
| Numerator - Quantity Per Pack   | 1                                  |
| EAN/UPC - Product/Case          | 8711500006790                      |
| Numerator - Packs per outer box | 1                                  |
| EAN/UPC - Case                  | 8711500006790                      |

## Dimensional drawing

