

SmartForm TBS461/471

TBS461 2x35W/840 HFD ND AC-MLO W

TBS461 - 2 pcs - 35 W - HF DALI - Without diffuser element - Acrylate micro-lens optic

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 TBS461/471 – a real 'light surface' SmartForm recessed TBS461/471 'light surface' luminaires are equipped with a micro-lens optic (MLO) to create a homogeneous edge-to-edge lighting appearance with a comfortable brightness impression. The housing of these luminaires has a build-in height of 95 mm. The TBS471 version also offers Dynamic Lighting.

Product data

• General information

| | |
|-------------------------------|---|
| Product family code | TBS461 [TBS461] |
| Number of light sources | 2 [2 pcs] |
| Lamp family code | TL5 [TL5] |
| Lamp power | 35 W [35 W] |
| Light source color | 840 [840 white] |
| Kombipack | K [Lamp(s) included] |
| Gear | HFD [HF DALI] |
| Top reflector | No [-] |
| Optic type | No [-] |
| Optical element | ND [Without diffuser element] |
| Optical cover/lens type | AC-MLO [Acrylate micro-lens optic] |
| Emergency lighting | No [-] |
| Embedded control | No [-] |
| Separate switching | No [-] |
| Internal wiring | STD [Standard] |
| Electrical circuit protection | No [-] |
| Connection | W [Plug-in connector 3-pole Wieland/Adels compatible] |
| Cable | No [-] |
| Protection class IEC | CL I [Safety class I] |
| Ingress protection code | IP40 [Wire-protected] |

| | |
|------------------------------|---|
| Mech. impact protection code | IK02 [0.2 J standard] |
| Air-handling | No [-] |
| Infill plate | IP [Standard] |
| Color | WH [White] |
| Glow-wire test | 650/5 [Temperature 650 °C, duration 5 s] |
| Flammability mark | F [For mounting on normally flammable surfaces] |
| Safety device | No [-] |
| CE mark | CE [CE mark] |
| ENEC mark | ENEC [ENEC mark] |

• Electrical

| | |
|---------------|--------------------------|
| Input voltage | 220-240 V [220 to 240 V] |
|---------------|--------------------------|

• Product Data

| | |
|--------------------|----------------------------------|
| Order code | 910501828803 |
| Full product code | 910501828803 |
| Full product name | TBS461 2x35W/840 HFD ND AC-MLO W |
| Order product name | TBS461 2x35W/840 HFD ND AC-MLO W |
| Pieces per pack | 0 |
| Packs per outerbox | 1 |



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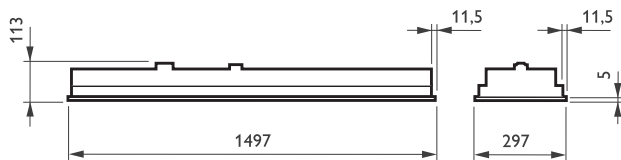
PHILIPS

Bar code on
outerbox - EAN3 871150007872
Logistic code(s) -
12NC 910501828803

Net weight per piece 9.000 kg



Dimensional drawing



TBS461 2x35W/840 HFD ND AC-MLO W



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data subject to change