SmartForm TPS461/471 – top-class lighting in a fresh, appealing design

SmartForm TPS461/463/471/473

We all feel and perform better in a pleasant, comfortable working environment. Designed for use in offices, shops and schools, the SmartForm TPS461/471 family of suspended mounted luminaires combines best-in-class lighting with a clean, distinctive design.These ultra-flat luminaires are available with MASTER TL5 and TL5 ECO lamps in rectangular and square versions with direct/indirect lighting combinations. They can also be used to form light-lines and structures.With its wide choice of very efficient and comfortable micro-optics and covers, SmartForm TPS461/471 provides the ideal solution for every situation. Lighting controls can be added for further energy saving.

Benefits
- Top-class lighting performance meets all project requirementsFresh-looking designEnergy-efficient

Features
- Very slim housing – only 47 mm deep
- State-of-the-art lamps
- High-efficiency optics and covers
- Direct/indirect light distribution
- Possibility to add lighting controls

SmartForm TPS461/463/471/473

Application
· Offices
· Shops
· Schools

Specifications

Type		Ballast	
	TPS461 (light surface, direct lighting)		Electronic, 220 - 240 V / 50 - 60 Hz:
	TPS463 (light surface, direct 70%/indirect 30%)		– High Frequency Performer (HFP)
	TPS471 (light surface, Dynamic Lighting, direct lighting)		– High Frequency Performer, intelligent, multi-watt (HFP-I)
	TPS463 (light surface, Dynamic Lighting, direct 70%/indirect 30%)		– High Frequency Regulator, 1-10 V (HFR)
			– High Frequency Regulator, DALI (HFD)
Light source	Fluorescent:		– High Frequency Regulator DALI, touch & dimming (HFD-T)
	– TPS461/463: 4 x MASTER TL5 ECO / G5 / 13, 20 W (square version)	Housing configuration (for line arrangements)	Line end, 1 phase (LE1), for ending a line
	– TPS461/463: 4 x MASTER TL5 / G5 / 14, 24 W (square version)		Line feature, 1 phase (LF1), for insertion in a line
	– TPS471/473: 6 x MASTER TL5 / G5 / 14, 24 W (square version)	Optical cover	3, 4-lamp version:
	– TPS461/463: 2 x MASTER TL5 ECO / G5 / 25, 32, 45, 50, 73 W (rectangular version)		– OLC micro lens optic cover of acrylate material (AC-MLO)
	– TPS461/463: 2 x MASTER TL5 / G5 / 28, 35, 49, 54, 80 W (rectangular version)		– OLC micro lens optic cover of polycarbonate material (PC-MLO)
	– TPS471/473: 3 x MASTER TL5 / G5 / 28, 35, 49, 54, 80 W (rectangular version)		– Diffuser, standard MLO's have diffuser (DF)
Lamp included	TPS461/463: Yes, TL5 ECO (lamp color 830 or 840)		
	TPS461/463: Yes, TL5 (lamp color 451 (ActiViva Natural), 452 (ActiViva Active), 827, 830 or 840)		
	TPS471/473: Yes (lamp color combination 827/865, 827/451 or 827/452)		
	No		

Specifications

Connection		Accessories	
	Push-in connection with pull relief (PIP)		2-, 3-, 4- and 6- lamp luminaires delivered incl. suspension sets:
	Cable, length 200 cm, with plug CEE7 (CCE)		– ZPS460 SMT1: suspension set single wire, triangel version 1 (2- and 3- lamp)
Options	Emergency lighting: 1 hour (EL1), 3 hours (EL3)		– ZPS460 SMT2: suspension set single wire, triangel version 2, incl. mains connection (2- and 3- lamp)
	Lighting controls:		– ZPS460 SMTT: suspension set single wire, triangel for T-profile (2- and 3- lamp)
	– Luxsense daylight controller micro (LXM)		– ZPS460 SMS: suspension set double wires, incl. mains connection (2- and 3- lamp)
	– ActiLume multi controller (ACL)		– ZPS460 SM4: suspension set 4 single wires (4- and 6- lamp)
	– ActiLume multi controller wireless (AWL)		2- and 3- lamp light lines straight to create with ZPS461 CP coupling pieces; luminaires line-end (LE) and line-feature (LF) are including connection and through-wiring
	Color Variation Controller (CVC)		
	Internal PVC free wiring (PVCFR)		
	Euro fuse (FU) included		
Materials and color	Housing of powder coated steel, end-caps of PC-ABS	Remarks	Protection foil to protect the optic during installation
	White RAL 9016 based is standard; optional white RAL 9010 or silver grey RAL 9006 based	Main applications	Office, education, healthcare, recreation, retail, industry
Installation	Individual or in line; suspended mounting with suspension set		

SmartForm TPS461/463/471/473

Accessories

Optical cover remover

Ordercode 910403205603

www.lighting.philips.com

2018, September 5 – data subject to change