PHILIPS

Lighting



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

SmartForm TPS460/462/464

We all feel and perform better in a pleasant, comfortable working environment. Designed for use in offices, shops and schools, the SmartForm family of suspended mounted luminaires combines best-in-class lighting with a clean, distinctive design.These ultra-flat luminaires are available with a choice of MASTER TL5, TL5 ECO or LED light sources 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 suspended provides the ideal solution for every situation. Lighting controls can be added for further energy saving.

Benefits

- Top-class lighting performance meets all project requirements
- Fresh-looking design
- Energy-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

Application

- Offices
- Shops
- Schools

Specifications

Type	TPS460 (light beam, light effect cover, direct lighting)
	TPS462 (light beam, light effect cover, direct 70%/indirect 30%)
	TPS464 (light beam, light effect cover, direct 30%/indirect 70%)
Light source	Fluorescent:
	- 3 x or 4 x MASTER TL5 ECO / G5 / 13, 20 W (square version)
	- 3 x or 4 x MASTER TL5 / G5 / 14, 24 W (square version)
	- 1 x or 2 x MASTER TL5 ECO / G5 / 25, 32, 45, 50, 73 W (rectangular version)
	- 1 x or 2 x MASTER TL5 / G5 / 28, 35, 49, 54, 80 W (rectangular version)
Lamp included	Yes, TL5 ECO (lamp color 830 or 840)
	Yes, TL5 (lamp color 827 / 865, 830 or 840)
	No
Ballast	Electronic, 220 - 240 V / 50 - 60 Hz:
	- High Frequency Performer (HFP)
	- High Frequency Performer, intelligent, multi-watt (HFP-I)
	- High Frequency Regulator, 1-10 V (HFR)
	- High Frequency Regulator, DALI (HFD)
	- High Frequency Regulator DALI, touch & dimming (HFD-T)

Housing configuration (for line arrangements)	Line end, 1 phase (LE1), for ending a line
	Line feature, 1 phase (LF1), for insertion in a line
Optic	1, 2, 3, 4-lamp version:
	- Micro OLC performer high-gloss optic (C8)
	- Micro OLC performer semi-high-gloss optic (D8)
	- Micro OLC very high efficiency high-gloss optic (C8-VH)
	- Micro OLC very high efficiency semi-high-gloss optic (D8-VH)
	- Micro OLC excellent comfort high-gloss optic (C8-C)
	- Micro OLC excellent comfort semi-high-gloss optic (D8-C)
	- Micro matt mirror, ribbed cross louvers (M2)
	- Micro high-efficiency mirror, ribbed cross louvers (M2-H)
	1, 2-lamp version:
	- Micro OLC performer semi-high-gloss bi-directional optic with top reflector (T D8-BD)
	- Micro high-efficiency asymmetrical optic (A)

Specifications

Optical cover	1, 2-lamp version:
	- OLC micro-lens optic in polycarbonate cover (MLO-PC)
	- Opal cover made of polycarbonate (PCO)
	3, 4-lamp version:
	- OLC micro-lens optic made of acrylic with very-high-reflectance top reflector (T-VH AC-MLO)
	- OLC micro-lens optic made of polycarbonate with very-high-reflectance top reflector (T-VH PC-MLO)
	- Opal satinized cover made of polycarbonate with very-high-reflectance top reflector (T-VH PCO-SAT)
Connection	Push-in connection with pull relief (PIP)
	Cable, length 200 cm, with plug CEE7 (CCE)
Options	Emergency lighting: 1 hour (EL1), 3 hours (EL3)
	Lighting controls:
	- Luxsense daylight controller micro (LXM)
	- ActiLume multi controller (ACL)
	Internal PVC free wiring (PVCFR)
	Euro fuse (FU) included
Materials and color	Housing of powder coated steel, end-caps of PC-ABS
	White RAL 9016 based is standard; optional white RAL 9010 or silver grey RAL 9006 based

Installation	Individual or in line; suspended mounting with suspension set
Accessories	1-, 2- , 3- and 4- lamp luminaires delivered incl. suspension sets:
	- ZPS460 SMT1: suspension set single wire, triangle version 1 (1-, 2- and 3-lamp)
	- ZPS460 SMT2: suspension set single wire, triangle version 2, incl. mains connection (1-, 2- and 3-lamp)
	- ZPS460 SMTT: suspension set single wire, triangle for T-profile (1-, 2- and 3-lamp)
	- ZPS460 SMS: suspension set double wires, incl. mains connection (2- and 3-lamp)
	- ZPS460 SM4: suspension set 4 single wires (4-lamp)
	1-, 2- and 3-lamp light lines, straight and L-shape to create with ZPS460 CP/CPL coupling pieces; luminaires line-end (LE) and line-feature (LF) are including connection and through-wiring
Remarks	Protection foil to protect the optic during installation
Main applications	Office, education, healthcare, recreation, retail, industry

SmartForm TPS460/462/464

Accessories



Optical cover remover

Ordercode 98469599

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