



# SmartForm TPS460/462/464

## TPS460 1x28W/840 HFP MLO-PC SMT1

SmartForm suspended, 1, 28 W, 31 W, 840 neutral white, HF Performer, Micro-lens optic in polycarbonate cover

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.

### Product data

General Information		Flammability mark	
Lamp family code	TL5 [TL5]	For mounting on normally flammable surfaces	
Cap-Base	G5 [G5]	ENEC mark	
Light source replaceable	Yes	Glow-wire test	
Number of gear units	1 unit	Temperature 850 °C, duration 5 s	
Gear	HFP [HF Performer]	EU RoHS compliant	
Driver included	Yes	Yes	
Product family code	TPS460 [SmartForm suspended]	Light Technical	
Embedded control	-	Luminous Flux	
CE mark	Yes	Correlated Color Temperature (Nom)	
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	
		Color rendering index (CRI)	
		Number of light sources	

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Light source color	840 neutral white
Optic type	-
Optical cover type	Micro-lens optic in polycarbonate cover
Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	48 A
Inrush time	1 ms
Power Consumption	28 31 W
Power Factor (Fraction)	0.96
Connection	Push-in connector 3-pole
Cable	Cable with CEE 7 plug 3-pole
Number of products on MCB of 16 A type B -	

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Electronic transformer
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Fixation point length distance (Nom)	1,186 mm
Housing Color	White
Optical cover finish	Textured

Overall length	1,240 mm
Overall width	157 mm
Overall height	49 mm
Dimensions (Height x Width x Depth)	49 x 157 x 1240 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
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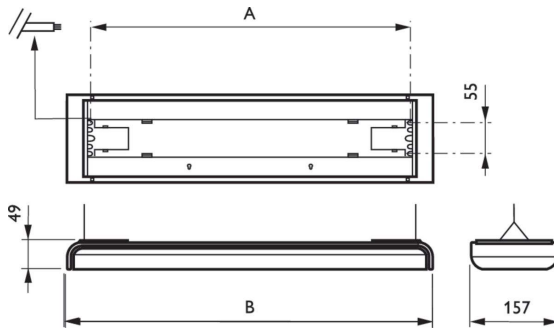
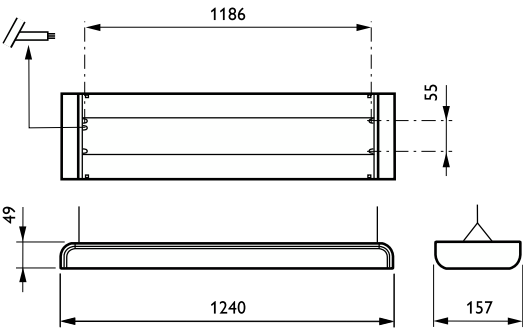
Application Conditions

Suitable for random switching	No
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Product Data

Order product name	TPS460 1x28W/840 HFP MLO-PC SMT1
Full product name	TPS460 1x28W/840 HFP MLO-PC SMT1
Full product code	871794390014500
Order code	910504001403
Material Nr. (12NC)	910504001403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943900145
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943900145

Dimensional drawing



Product	A	B
TPS460 1x28W/840 HFP MLO-PC SMT1	1,186 mm	1,240 mm

