



SmartForm TPS460/462/464

TPS462 1x54W/840 HFP C8 SMT1

SmartForm suspended, 1, 54 W, 59 W, 840 neutral white, HF Performer, High-gloss optic 3D micro-lamellae

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		Light Technical	
Lamp family code	TL5 [TL5]	Flammability mark	For mounting on normally flammable surfaces
Cap-Base	G5 [G5]	ENEC mark	ENEC mark
Light source replaceable	Yes	Glow-wire test	Temperature 850 °C, duration 5 s
Number of gear units	1 unit	EU RoHS compliant	Yes
Gear	HFP [HF Performer]		
Driver included	Yes	Luminous Flux	3,426 lm
Product family code	TPS462 [SmartForm suspended]	Correlated Color Temperature (Nom)	4000 K
Embedded control	-	Luminous Efficacy (rated) (Nom)	58 lm/W
CE mark	Yes	Color rendering index (CRI)	82
Warranty period	5 years	Number of light sources	1

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Light source color	840 neutral white
Optic type	High-gloss optic 3D micro-lamellae
Optical cover type	-
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	54 59 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	Aluminum
Optic material	Aluminum
Optical cover material	-
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	-
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	IP20 [Finger-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 <3.5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
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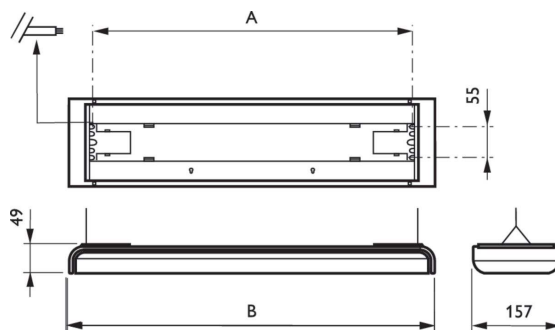
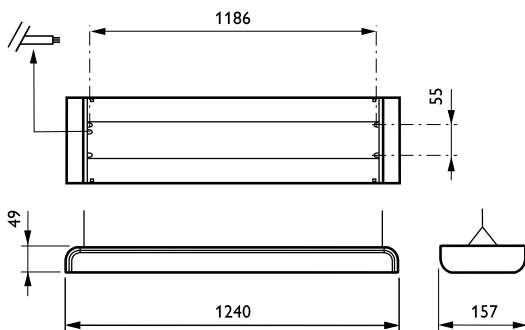
Application Conditions

Suitable for random switching	No
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Product Data

Order product name	TPS462 1x54W/840 HFP C8 SMT1
Full product name	TPS462 1x54W/840 HFP C8 SMT1
Full product code	871794399205800
Order code	910501393403
Material Nr. (12NC)	910501393403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943992058
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943992058

Dimensional drawing



Product	A	B
TPS462 1x54W/840 HFP C8 SMT1	1,186 mm	1,240 mm

