



SmartForm TPS460/462/464

TPS462 2x49W/840 HFP H2L MLO-PC SMT1

SmartForm suspended, 2, 108 W, 49 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		Light Technical	
Lamp family code	TL5 [TL5]	Luminous Flux	5,950 lm
Cap-Base	G5 [G5]	Correlated Color Temperature (Nom)	4000 K
Light source replaceable	Yes	Luminous Efficacy (rated) (Nom)	55 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	82
Gear	HFP [HF Performer]	Number of light sources	2
Driver included	Yes		
Product family code	TPS462 [SmartForm suspended]		
Embedded control	-		
CE mark	Yes		
Warranty period	5 years		
Flammability mark	For mounting on normally flammable surfaces		
ENEC mark	ENEC mark		
Glow-wire test	Temperature 850 °C, duration 5 s		
EU RoHS compliant	Yes		

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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	108 49 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
Housing Color	White
Optical cover finish	Textured
Overall length	1,540 mm
Overall width	217 mm

Overall height	49 mm
Dimensions (Height x Width x Depth)	49 x 217 x 1540 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 <3.5"
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
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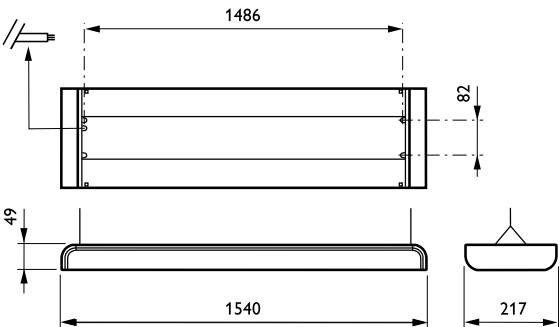
Application Conditions

Suitable for random switching	No
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Product Data

Order product name	TPS462 2x49W/840 HFP H2L MLO-PC SMT1
Full product name	TPS462 2x49W/840 HFP H2L MLO-PC SMT1
Full product code	871794390064000
Order code	910504006403
Material Nr. (12NC)	910504006403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943900640
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943900640

Dimensional drawing



Product	A	B
TPS462 2x49W/840 HFP H2L MLO-PC SMT1	1,486 mm	1,540 mm

