

SmartForm TPS460/462/464

TPS462 2x35W/840 HFP H2L MLO-PC SMT1

SmartForm suspended, 2, 35 W, 77 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	
Lamp family code	TL5 [TL5]
Cap-Base	G5 [G5]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	HFP [HF Performer]
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

Light Technical	
Luminous Flux	5,054 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	66 lm/W
Color rendering index (CRI)	82
Number of light sources	2

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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	35 77 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

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 %

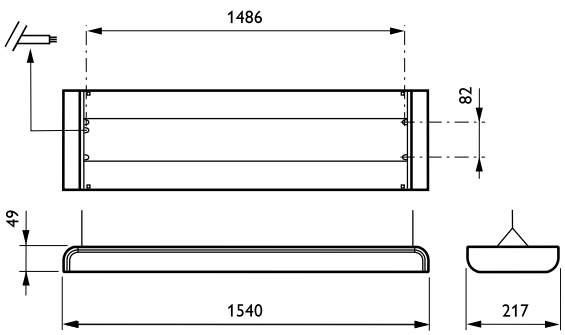
Application Conditions

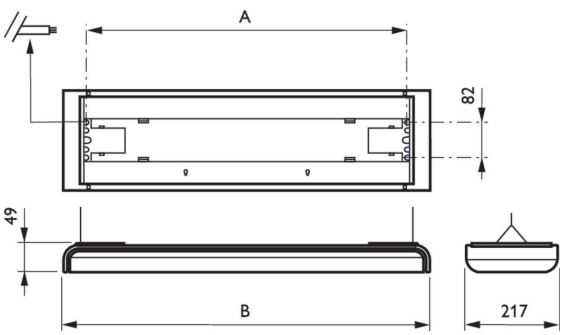
Suitable for random switching	No

Product Data

Order product name	TPS462 2x35W/840 HFP H2L MLO-PC SMT1
Full product name	TPS462 2x35W/840 HFP H2L MLO-PC SMT1
Full product code	871794390061900
Order code	910504006103
Material Nr. (12NC)	910504006103
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943900619
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943900619

Dimensional drawing





Product	A	B
TPS462 2x35W/840 HFP H2L MLO-PC SMT1	1,486 mm	1,540 mm



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