

SmartForm TPS460/462/464

TPS460 1x35W/830 HFP D8 SMT1

SmartForm suspended, 1, 35 W, 38 W, 830 warm white, HF Performer, Semi-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	
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	TPS460 [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	2,494 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	66 lm/W
Color rendering index (CRI)	82
Number of light sources	1

SmartForm TPS460/462/464

Light source color	830 warm white
Optic type	Semi-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	35 38 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	Aluminum
Optic material	Aluminum
Optical cover material	-
Fixation material	Stainless steel
Fixation point length distance (Nom)	1,486 mm
Housing Color	White
Optical cover finish	-

Overall length	1,540 mm
Overall width	157 mm
Overall height	49 mm
Dimensions (Height x Width x Depth)	49 x 157 x 1540 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	(0.43, 0.40) SDCM <3.5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %

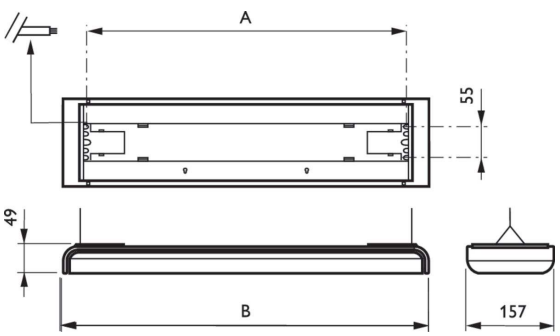
Application Conditions

Suitable for random switching	No

Product Data

Order product name	TPS460 1x35W/830 HFP D8 SMT1
Full product name	TPS460 1x35W/830 HFP D8 SMT1
Full product code	871794390016900
Order code	910504001603
Material Nr. (12NC)	910504001603
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943900169
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943900169

Dimensional drawing



Product	A	B
TPS460 1x35W/830 HFP D8 SMT1	1,486 mm	1,540 mm



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.