PHILIPS

Lighting

SlimBlend Square, surface mounted

SM400C LED36S/840 PSD W60L60 PIP

SlimBlend mounted module 600, 840 neutral white, Power supply unit with DALI interface, Push-in connector and pull relief

Office regulation-compliant lighting with good quality of light is in demand. Moreover, there is also an increasing need for comfort-enhancing effects such as diffused lighting and lighting that smoothly blends into the ceiling architecture. That's why 'surface of light' solutions are becoming more and more popular. But parallel to these needs, are the demands to reduce energy and maintenance costs. SlimBlend answers all these needs and more. Not only does it provide glare-free comfort with a diffuse effect and clutter-free aesthetics, thanks to integrated control options, it also creates a special blending of light. It uses the 'trapped' light under the masking to create a subtle glow, with a soft transition to the edge, lowering the brightness perception and blending the light into the ceiling. SlimBlend can also be part of a connected lighting system and integrated into the IT infrastructure, enabling data on usage to be collected to help reduce energy costs and enhance employee comfort further. Also, thanks to the slim design, it enables technical equipment to be more easily installed in the plenum. Moreover, thanks to the variety of ways of mounting, various ceiling-mounted lights can take advantage of this luminaire family. SlimBlend comes in square and rectangular and can be either recessed, surface-mounted or suspended. It offers a good balance between initial cost and ROI, making it the ideal choice for delivering excellent quality of light and a fast ROI for offices.

Product data

SlimBlend Square, surface mounted

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	SM400C [SlimBlend mounted module 600]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,600 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	107 lm/W
Colour rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	-
Luminaire light beam spread	120°
Unified Glare Rating (CEN)	19

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	33.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

Temperature	
Ambient temperature range	+10 to +40 °C

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing	
Housing material	Stainless steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Textured
Overall length	600 mm
Overall width	600 mm
Overall height	52 mm
Dimensions (height x width x depth)	52 x 600 x 600 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

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

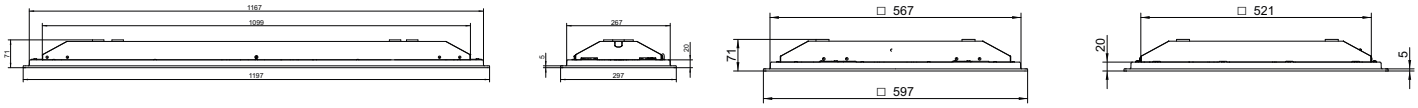
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data	
Order product name	SM400C LED36S/840 PSD W60L60 PIP
Full product name	SM400C LED36S/840 PSD W60L60 PIP
Full EOC	871869917710200
Order code	17710200
Material no. (12 NC)	910500459963
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699177102
Numerator – packs per outer box	1
EAN/UPC - Case	8718699177102

SlimBlend Square, surface mounted

Dimensional drawing



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