PHILIPS Lighting



SlimBlend Square, surface mounted

SM400C LED36S/830 PSU W60L60

SlimBlend mounted module 600, 830 warm white, Power supply unit (On/Off), Push-in connector and pull relief

Office norm-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 smoothly blending 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 types can take advantage of this luminaire family. SlimBlend comes in square, rectangular and can be either recessed, surface-mounted, 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 Return on Investment for offices.

Product data

General Information	Driver included	Yes
Light source replaceable No	Remarks	*-Per Lighting Europe guidance paper
Number of gear units 1 unit		"Evaluating performance of LED based

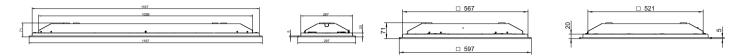
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	luminaires - January 2018": statistically	
	there is no relevant difference in lumen	
	maintenance between B50 and for example	
	B10. Therefore, the median useful life (B50)	
	value also represents the B10 value.	
Service tag	Yes	
Product family code	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	
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Light Technical		
Luminous Flux	3,600 lm	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	100 lm/W	
Color rendering index (CRI)	80	
Beam angle of light source	120 degree(s)	
Light source color	830 warm white	
Optic type	050 warm write	
Luminaire light beam spread	120°	
	19	
Unified glare rating CEN	19	
Operating and Electrical		
Operating and Electrical	220.240.1/	
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Inrush current	18 A	
Inrush time	0.250 ms	
Power Consumption	36 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of products on MCB of 16 A type B	30	
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	No	
Diminable		
Driver/power unit/transformer	Power supply unit (On/Off)	

Mechanical and Housing		
Housing Material	Stainless steel	
Reflector material	-	
Optic material	Polymethyl methacrylate	
Optical cover material	Polymethyl methacrylate	
Fixation material	Steel	
Housing Color	White	
Optical cover 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	(0.43, 0.40) SDCM<3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful life*	L80	
50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	Yes	
Due duet Dete		
Product Data		
Order product name	SM400C LED36S/830 PSU W60L60	
Full product name	SM400C LED36S/830 PSU W60L60	
Full product code	871869917711900	
Order code	910500459964	
Material Nr. (12NC)	910500459964	
Numerator - Quantity Per Pack	9719600177110	
EAN/UPC - Product/Case	8718699177119	
Numerator - Packs per outer box	9719600177110	
EAN/UPC - Case	8718699177119	

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Dimensional drawing





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