

SlimBlend Rectangular, surface mounted

SM400C LED36S/830 PSD W30L120

SlimBlend mounted module 600, 830 warm white, Power supply unit with DALI interface, 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.

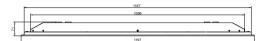
Product data

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General Information		Driver/power unit/transformer	Power supply unit with DALI interface
Light source replaceable	No	Control interface	DALI
Number of gear units	1 unit	Constant light output	No
Driver included	Yes		
Remarks	*-Per Lighting Europe guidance paper	Mechanical and Housing	
	"Evaluating performance of LED based	Housing Material	Stainless steel
	luminaires - January 2018": statistically	Reflector material	
	there is no relevant difference in lumen	Optic material	Polymethyl methacrylate
	maintenance between B50 and for example	Optical cover material	Polymethyl methacrylate
	B10. Therefore, the median useful life (B50)	Fixation material	Steel
	value also represents the B10 value.	Housing Color	White
Service tag	Yes	Optical cover finish	Textured
Product family code	SM400C [SlimBlend mounted module 600]	Overall length	1,200 mm
Lighting Technology	LED	Overall width	300 mm
Value ladder	Specification	Overall height	52 mm
CE mark	Yes	Dimensions (Height x Width x Depth)	52 x 300 x 1200 mm
Warranty period	5 years		
Flammability mark	For mounting on normally flammable	Approval and Application	
	surfaces	Ingress protection code	IP20 [Finger-protected]
ENEC mark	ENEC mark	Mech. impact protection code	IK02 [0.2 J standard]
Glow-wire test	Temperature 650 °C, duration 5 s	Protection class IEC	Safety class II
EU RoHS compliant	Yes		
		Initial Performance (IEC Compliant)	
Light Technical		Luminous flux tolerance	+/-10%
Luminous Flux	3,600 lm	Initial chromaticity	(0.43, 0.40) SDCM<3
Correlated Color Temperature (Nom)	3000 K	Power consumption tolerance	+/-10%
Luminous Efficacy (rated) (Nom)	97 lm/W		
Color rendering index (CRI)	80	Over Time Performance (IEC Complia	ant)
Beam angle of light source	120 degree(s)	Control gear failure rate at median useful	5 %
Light source color	830 warm white	life 50000 h	
Optic type		Lumen maintenance at median useful life*	L80
Luminaire light beam spread	120°	50000 h	
Unified glare rating CEN	19		
		Application Conditions	
Operating and Electrical		Performance ambient temperature Tq	25 °C
Input Voltage	220-240 V	Maximum dim level	1%
Line Frequency	50 to 60 Hz	Suitable for random switching	Yes
Inrush current	20.4 A		
Inrush time	0.195 ms	Product Data	
Power Consumption	37 W	Order product name	SM400C LED36S/830 PSD W30L120
Power Factor (Fraction)	0.9	Full product name	SM400C LED36S/830 PSD W30L120
Connection	Push-in connector and pull relief	Full product code	871869917713300
Cable	-	Order code	910500459966
Number of products on MCB of 16 A type B	3 24	Material Nr. (12NC)	910500459966
		Numerator - Quantity Per Pack	1
Temperature		EAN/UPC - Product/Case	8718699177133
Ambient temperature range	+10 to +40 °C	Numerator - Packs per outer box	1
		EAN/UPC - Case	8718699177133
Controls and Dimming			
Dimmable	Yes		

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Dimensional drawing







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