

# SlimBlend Rectangular, surface mounted

## SM400C LED36S/840 PSD W30L120 PIP

SlimBlend mounted module 600, 840 neutral 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**

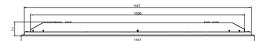
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General Information		Drive
Light source replaceable	No	Contr
Number of gear units	1 unit	Const
Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	Mec
	"Evaluating performance of LED based	Hous
	luminaires - January 2018": statistically there	Refle
	is no relevant difference in lumen	Optic
	maintenance between B50 and for example	Optic
	B10. Therefore, the median useful life (B50)	Fixat
	value also represents the B10 value.	Hous
Service tag	Yes	Optio
Product family code	SM400C [SlimBlend mounted module 600]	Overa
Lighting Technology	LED	Over
Value ladder	Specification	Overa
CE mark	Yes	Dime
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	App
	surfaces	Ingre
ENEC mark	ENEC mark	Mech
Glow-wire test	Temperature 650 °C, duration 5 s	Prote
EU RoHS compliant	Yes	
		Initia
Light Technical		Lumi
Luminous Flux	3,600 lm	Initia
Correlated Color Temperature (Nom)	4000 K	Powe
Luminous Efficacy (rated) (Nom)	107 lm/W	- OW
Color rendering index (CRI)	80	Ove
Beam angle of light source	120 degree(s)	
Light source color	840 neutral white	Cont
Optic type	-	Lume
Luminaire light beam spread	120°	5000
Unified glare rating CEN	19	5000
onnied glare rating CEIV		
Operating and Electrical		App
	220-240 V	Perfo
Input Voltage		Maxi
Line Frequency	50 to 60 Hz	Suita
Inrush current	20.4 A	
Inrush time	0.195 ms	Proc
Power Consumption	33.5 W	Orde
Power Factor (Fraction)	0.9	Full p
Connection	Push-in connector and pull relief	Full p
Cable	-	Orde
Number of products on MCB of 16 A type	24	Mate
В		Nume
		EAN/
Temperature		Nume
Ambient temperature range	+10 to +40 °C	EAN/
		-
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 material	Polymethyl methacrylate	
Fixation material	Steel	
Housing Color	White	
Optical cover finish	Textured	
Overall length	1,200 mm	
Overall width	300 mm	
Overall height	52 mm	
Dimensions (Height x Width x Depth)	52 x 300 x 1200 mm	
Annual and Annual and		
Approval and Application	1000 f5: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Devicements (IEC Compliant)		
Initial Performance (IEC Compliant)  Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM<3	
Power consumption tolerance	+/-10%	
Tower consumption toterance	, 10.0	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful		
life 50000 h		
Lumen maintenance at median useful life*	L80	
50000 h		
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 W30L120 PIP	
Full product name	SM400C LED36S/840 PSD W30L120 PIP	
Full product code	871869917714000	
Order code	910500459967	
Material Nr. (12NC)	910500459967	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699177140	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699177140	

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### Dimensional drawing







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