



SlimBlend Rectangular, suspended

SP400P LED50S/840 PSD W30L120 D/I ACL SM

SlimBlend suspended mod. 600, 840 neutral white, Power supply unit with DALI interface, Push-in connector and pull relief

Building owners and tenants want office regulation-compliant lighting. They also want good quality of light, lower energy costs and lower maintenance costs. That's why more and more people are applying 'surface of light' solutions, which provide glare-free, diffused lighting comfort as well as flexibility and clutter-free aesthetics. SlimBlend provides all this and more. 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 – for an even more comfortable working environment. SlimBlend can also be part of a connected lighting system and is integrated into the IT infrastructure, enabling usage data to be collected to help reduce energy costs further. Also, because SlimBlend luminaires are indeed slim, they enable technical equipment to be more easily installed in the plenum. Moreover, SlimBlend offers a wide variety of options to ensure that all building types can take advantage. These high-end appearance luminaires come in square, rectangular and round designs, and can be either recessed, surface-mounted or suspended. They also offer a good balance between initial cost and ROI, so everyone can enjoy high-quality light combined with distinctive design.

Product data

Datasheet, 2023, April 29 data subject to change

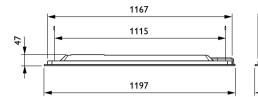
SlimBlend Rectangular, suspended

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	SP400P [SlimBlend suspended mod. 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	5,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	110 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)	16
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	49 A
Inrush time	0.154 ms
Power Consumption	45.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	Cable 1.7 m without plug 5-pole white
Number of products on MCB of 16 A type	
В	
Temperature	
	+10 to +40 °C
Temperature Ambient temperature range	+10 to +40 °C
Ambient temperature range	+10 to +40 °C
	+10 to +40 °C Yes

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	1,200 mm
Overall width	300 mm
Overall height	52 mm
Dimensions (height x width x depth)	52 x 300 x 1200 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compl	liant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	SP400P LED50S/840 PSD W30L120 D/I ACL
	SM
Full product name	
	SP400P LED50S/840 PSD W30L120 D/I ACL
	SP400P LED50S/840 PSD W30L120 D/I ACL SM
Full EOC	
Full EOC Order code	SM
	SM 871869917750800
Order code	SM 871869917750800 17750800
Order code Material no. (12 NC)	SM 871869917750800 17750800 910500465004
Order code Material no. (12 NC) SAP numerator – quantity per pack	SM 871869917750800 17750800 910500465004

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Dimensional drawing



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