

SlimBlend Rectangular, suspended

SP402P LED50S/830 PSD W31L125 D/I ACL SM

SlimBlend suspended mod. 625, 830 warm white, Power supply unit with DALI interface, Push-in connector and pull relief

Building owners and tenants want office norm-compliant lighting. They also want 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 integrated into the IT infrastructure enabling data on usage 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, it offers a very wide variety of options to ensure all building types can take advantage. These high-end appearance luminaires come in square, rectangular 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

General Information	
Light source replaceable	No

Number of gear units	1 unit
Driver included	Yes

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Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based 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	SP402P [SlimBlend suspended mod. 625]
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 Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	830 warm 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 B	17

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 material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Textured
Overall length	1,250 mm
Overall width	313 mm
Overall height	52 mm
Dimensions (Height x Width x Depth)	52 x 313 x 1250 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	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

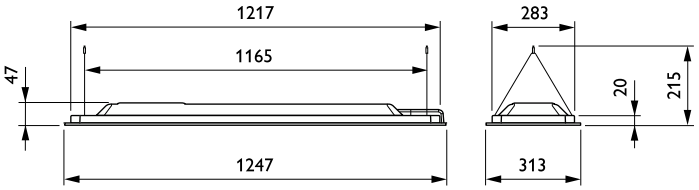
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	SP402P LED50S/830 PSD W31L125 D/I ACL SM
Full product name	SP402P LED50S/830 PSD W31L125 D/I ACL SM
Full product code	871869917674700
Order code	910500459929
Material Nr. (12NC)	910500459929
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699176747
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699176747

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Dimensional drawing



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