



# SlimBlend Rectangular, suspended

## SP402P LED50S/840 PSD W31L125 D/I ACL SM

SlimBlend suspended mod. 625, 840 neutral 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

## SlimBlend Rectangular, suspended

<b>General Information</b>	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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
<b>Light Technical</b>	
Luminous Flux	5,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	114 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	16
<b>Operating and Electrical</b>	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	49 A
Inrush time	0.154 ms
Power Consumption	44 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
<b>Temperature</b>	
Ambient temperature range	+10 to +40 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

Control interface	DALI
Constant light output	No
<b>Mechanical and Housing</b>	
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
<b>Approval and Application</b>	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
<b>Product Data</b>	
Order product name	SP402P LED50S/840 PSD W31L125 D/I ACL SM
Full product name	SP402P LED50S/840 PSD W31L125 D/I ACL SM
Full product code	871869917716400
Order code	910500459969
Material Nr. (12NC)	910500459969
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699177164
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699177164

SlimBlend Rectangular, suspended

Dimensional drawing

