



# SlimBlend Rectangular, suspended

## SP400P LED50S/830 PSD W30L120 D/I SMT

SlimBlend suspended mod. 600, 830 warm 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

General Information		Number of gear units		Unit
Light source replaceable	No	Driver included	Yes	

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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	3000 K
Luminous efficacy (rated) (nom.)	101 lm/W
Colour rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source colour	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	49.5 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
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI

Constant light output	No
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### 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	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

### Application Conditions

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

### Product Data

Order product name	SP400P LED50S/830 PSD W30L120 D/I SMT
Full product name	SP400P LED50S/830 PSD W30L120 D/I SMT
Full EOC	871869917751500
Order code	17751500
Material no. (12 NC)	910500465005
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699177515
Numerator – packs per outer box	1
EAN/UPC - Case	8718699177515

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Dimensional drawing

