



# SlimBlend Rectangular – High performance, advanced control

## SlimBlend Rectangular, suspended

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, suspended or wall-mounted. They also offer a good balance between initial cost and ROI, so everyone can enjoy high-quality light combined with distinctive design.

### Benefits

- Unique combination of distinguished look and feel, and performance
- Helps declutter ceiling architectures
- Integrated sensor makes it ready for connected-lighting systems
- Reduced installation time and cost

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### Features

- Best-in-class efficacy, supporting green building design
- Good balance between initial cost and ROI, payback within three years
- Integrated sensor for (connected) lighting systems enabling additional energy saving and data collection
- Light floats towards the edges of luminaire to ensure that it blends into the ceiling architecture
- Comfortable, glare-free office-compliant lighting using Micro Lens Optics

### Application

- Offices
- Healthcare
- Education

### Specifications

<b>Type</b>	SP400P (module size 600x600 mm versions)
	SM402B (module size 625x625 mm versions)
<b>Light source</b>	Non-replaceable LED module
<b>Power (+/-10%)</b>	25-40 W (depending on type)
<b>Beam angle</b>	92°
<b>Luminous flux</b>	2,800 Lumen
	3,600 Lumen
	4,200 Lumen
	5,000 Lumen (Direct/Indirect)
	5,700 Lumen (Direct/Indirect)
<b>Correlated Colour</b>	3,000 K and 4,000 K
<b>Temperature</b>	
<b>Colour Rendering Index</b>	>80
<b>Median useful life L70B50</b>	70,000
<b>Median useful life L80B50</b>	50,000
<b>Median useful life L90B50</b>	25,000
<b>Average ambient temperature</b>	+25 °C
<b>Operating temperature range</b>	+10 to +40 °C

<b>Driver</b>	Built-in
<b>Power/Data supply</b>	PSU
	PSD
	PSD-CLO
	PSD-T
	PoE
<b>Mains voltage</b>	220-240 V/50-60 Hz
<b>Dimming</b>	Dali, PoE
<b>Material</b>	Housing: coated steel and plastic
	Optics: Micro Lens Optics (MLO)
<b>Colour</b>	White
<b>Optical cover</b>	Micro Lens Optic (MLO)
<b>Connection</b>	PIP or W
<b>Maintenance</b>	Optical module sealed for life; no internal cleaning required
<b>Installation</b>	Individual; suspended mounting with a twin steel-wire triangle
	suspension set including a white power cable (SMT) or suspended
	mounting with a twin steel-wire triangle suspension set including a white power cable for a T-profile (SMTT)
<b>Through-wiring possible</b>	No

### Versions



SlimBlend suspended mod. 625



SlimBlend suspended mod. 625

SlimBlend Rectangular, suspended

Product details



SlimBlend Rectangular\_Suspended-  
SP400P-1DPP.tif



SlimBlend Rectangular\_Suspended-  
SP400P-COM\_DPP.tif



SlimBlend Rectangular\_Suspended-  
SP400P-2DPP.tif



SlimBlend\_RR-RC400B-3DPP.tif



SlimBlend Rectangular\_Suspended-  
SP400P-2DPP.tif



SlimBlend Rectangular\_Suspended-  
SP400P-Com\_DPP.tif



SlimBlend Rectangular\_Suspended-  
SP400P-1DPP.tif



SlimBlend\_RR-RC400B-3DPP.tif

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Product details



SlimBlend Rectangular\_Suspended-  
SP400P-3DPP.tif



SlimBlend\_RR-RC400B-1DPP.tif



SlimBlend Rectangular\_Suspended-  
SP400P-3DPP.tif



SlimBlend\_RR-RC400B-1DPP.tif

## SlimBlend Rectangular, suspended

### Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/movement detection and daylight harvesting)

### Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

### Controls and Dimming

Dimmable	Yes
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### Operating and Electrical

Input Voltage	220-240 V
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### General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	No
Product Family Code	SP400P

### Initial Performance (IEC Compliant)

Init. Colour Rendering Index	80
Initial luminous flux	5000 lm
Luminous flux tolerance	+/-10%

### Mechanical and Housing

Colour	White
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### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
17749200	SP400P LED50S/840 PSD W30L120 D/I SMT	(0.38, 0.38) SDCM<3	4000 K	110 lm/W	45.5 W
17751500	SP400P LED50S/830 PSD W30L120 D/I SMT	(0.43, 0.40) SDCM<3	3000 K	101 lm/W	49.5 W
17750800	SP400P LED50S/840 PSD W30L120 D/I ACL SM	(0.38, 0.38) SDCM<3	4000 K	110 lm/W	45.5 W
17752200	SP400P LED50S/830 PSD W30L120 D/I ACL SM	(0.43, 0.40) SDCM<3	3000 K	101 lm/W	49.5 W

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