SlimBlend Square – High performance, advanced control

SlimBlend Square, surface mounted

Office norm-compliant lighting with good quality of light is in demand. Moreover, there is also an increasing need for comfort-enhancing effects such as diffused lighting and lighting smoothly blending into the ceiling architecture. That's why 'surface of light' solutions are becoming more and more popular. But parallel to these needs, are the demands to reduce energy and maintenance costs. SlimBlend answers all these needs and more. Not only does it provide glare-free comfort with a diffuse effect and clutter-free aesthetics thanks to integrated control options, it also creates a special blending of light. 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. 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 and enhance employee comfort further. Also, thanks to the slim design, it enables technical equipment to be more easily installed in the plenum. Moreover, thanks to the variety of ways of mounting, various ceiling types can take advantage of this luminaire family. SlimBlend comes in square, rectangular and can be either recessed, surface-mounted, suspended. It offers a good balance between initial cost and ROI, making it the ideal choice for delivering excellent quality of light and a fast Return on Investment for offices.

Benefits
- Unique combination of distinguished look & feel and performance
- Helps declutter ceiling architectures
- Integrated sensor makes it ready for connected lighting systems
- Reduced installation time & cost
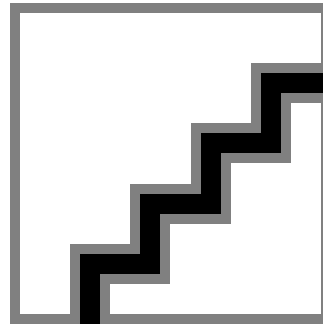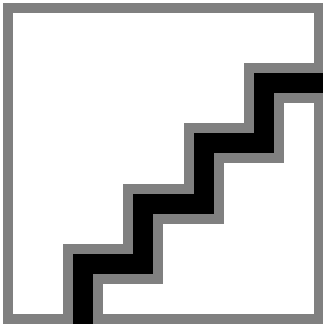
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Features
· Best-in-class efficacy, supporting green building design
· Good balance between initial cost & ROI, payback within 3 years
· Integrated sensor for (connected) lighting systems enabling additional energy
  saving, data collection
· Light floats towards edges of luminaire to ensure it, blends into the ceiling
  architecture
· Comfortable, glare-free office compliant lighting using Micro Lens Optics

Application
· Offices
· Healthcare
· Education

Dimensional drawing

SlimBlend Square, surface mounted

General Information

Beam angle of light source	– degree(s)
CE mark	Yes
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 ℃, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	–

Operating and Electrical

Input Voltage	220 to 240 V

Temperature

Ambient temperature range	+10 to +40 ℃

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM<3
Luminous flux tolerance	+/-10%

Application Conditions

Maximum dim level	1%
Suitable for random switching	No

General Information

Order Code	Full Product Name	Product family code
910505102001	SM400C LED36S/830 PSD W60L60	SM400C
910505102003	SM400C LED36S/830 PSU W60L60	SM400C
910505102006	SM400C LED36S/840 PSD W60L60	SM400C
910505102008	SM400C LED36S/840 PSU W60L60	SM400C
910505102010	SM402C LED36S/830 PSD W62L62	SM402C
910505102012	SM402C LED36S/840 PSD W62L62	SM402C
910505102013	SM402C LED36S/840 PSU W62L62	SM402C
910505102015	SM402C LED42S/830 PSD W62L62	SM402C
910505102017	SM402C LED42S/840 PSD W62L62	SM402C

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505102001	SM400C LED36S/830 PSD W60L60	Yes
910505102003	SM400C LED36S/830 PSU W60L60	No
910505102006	SM400C LED36S/840 PSD W60L60	Yes
910505102008	SM400C LED36S/840 PSU W60L60	No
910505102010	SM402C LED36S/830 PSD W62L62	Yes

Order Code	Full Product Name	Dimmable
910505102012	SM402C LED36S/840 PSD W62L62	Yes
910505102013	SM402C LED36S/840 PSU W62L62	No
910505102015	SM402C LED42S/830 PSD W62L62	Yes
910505102017	SM402C LED42S/840 PSD W62L62	Yes

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature
910505102001	SM400C LED36S/830 PSD W60L60	3000 K
910505102003	SM400C LED36S/830 PSU W60L60	3000 K
910505102006	SM400C LED36S/840 PSD W60L60	4000 K
910505102008	SM400C LED36S/840 PSU W60L60	4000 K
910505102010	SM402C LED36S/830 PSD W62L62	3000 K

Order Code	Full Product Name	Init. Corr. Color Temperature
910505102012	SM402C LED36S/840 PSD W62L62	4000 K
910505102013	SM402C LED36S/840 PSU W62L62	4000 K
910505102015	SM402C LED42S/830 PSD W62L62	3000 K
910505102017	SM402C LED42S/840 PSD W62L62	4000 K

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2023, May 10 – data subject to change