



SlimBlend Square – High performance, advanced control

SlimBlend Square, recessed

Office regulation-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 that smoothly blends 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-mounted lights can take advantage of this luminaire family. SlimBlend comes in square and rectangular and can be either recessed, surface-mounted or 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 ROI for offices.

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 the luminaire to ensure that it blends into the ceiling architecture
- Comfortable, glare-free office-compliant lighting using Micro Lens Optics
- 3 hour emergency lighting options available

Application

- Offices
- Healthcare
- Education

Specifications

Type	RC400B (module size 600x600 mm versions) RC402B (module size 625x625 mm versions)
Ceiling type	Exposed and symmetrical concealed T-bar ceiling and plaster (board) ceiling
Ceiling grid	Module size in length: 600 mm Module size in length: 625 mm
Light source	Non-replaceable LED module
Power (+/-10%)	25-40 W (depending on type)
Beam angle	92°
Luminous flux	2,800 Lumen 3,600 Lumen 4,200 Lumen
Correlated Colour Temperature	3,000 K and 4,000 K
Colour Rendering Index	>80
Lumen maintenance at 50,000 h median useful life*	L80
Control gear failure rate at median useful life 50,000 h	5%
Performance Ambient Temperature Tq	+25 °C

Operating temperature range	+10 to +40 °C
Driver	Built-in
Power/Data supply	PSU PSD PSD-CLO PSD-T PoE
Mains voltage	220-240 V / 50-60 Hz
Dimming	Dali, PoE
Material	Housing: coated steel and plastic Optics: Micro Lens Optics (MLO)
Colour	White
Optical cover	Micro Lens Optic (MLO)
Connection	PIP or W
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Individual; lay-in in exposed ceiling grids or with ceiling brackets in concealed ceiling grids or plasterboard ceilings
Through-wiring possible	Yes (depending on type)
Accessories	Concealed, Plaster, Suspended & Surface-Mounted kits

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Versions



SlimBlend recessed mod. 600

Product details



SlimBlend_RR-RC400B-3DPP.tif



SlimBlend_SR-RC400B_VPC_T-11DPP.tif



SlimBlend_RR-RC400B-3DPP.tif



SlimBlend_SR-RC400B_VPC_T-15DPP.tif



SlimBlend_SR-RC400B-9DPP.tif



SlimBlend_SR-RC400B-10DPP.tif

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Product details



SlimBlend_SR-RC400B-3DPP.tif



SlimBlend_SR-RC400B-4DPP.tif



SlimBlend_SR-RC400B-3DPP.tif



SlimBlend_SR-RC400B-9DPP.tif

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Application Conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	Yes

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

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 (II)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	No
Product Family Code	RC400B

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM<3
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	80
Initial LED luminaire efficacy	107 lm/W
Initial luminous flux	3600 lm
Luminous flux tolerance	+/-10%
Initial input power	33.5 W

Mechanical and Housing

Colour	White
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Application Conditions

Order Code	Full Product Name	Maximum dim level
17458300	RC400B LED36S/840 PSD W60L60 VPC PIP	1%
17693800	RC400B LED36S/840 PSU W60L60 VPC PIP	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
17458300	RC400B LED36S/840 PSD W60L60 VPC PIP	Yes



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Order Code	Full Product Name	Dimmable
17693800	RC400B LED36S/840 PSU W60L60 VPC PIP	No

