



# 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

<b>Type</b>	RC400B (module size 600x600 mm versions) RC402B (module size 625x625 mm versions)
<b>Ceiling type</b>	Exposed and symmetrical concealed T-bar ceiling and plaster (board) ceiling
<b>Ceiling grid</b>	Module size in length: 600 mm Module size in length: 625 mm
<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
<b>Correlated Colour Temperature</b>	3,000 K and 4,000 K
<b>Colour Rendering Index</b>	>80
<b>Lumen maintenance at median useful life* 50,000 h</b>	L80
<b>Control gear failure rate at median useful life 50,000 h</b>	5%
<b>Performance Ambient Temperature Tq</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; lay-in in exposed ceiling grids or with ceiling brackets in concealed ceiling grids or plasterboard ceilings
<b>Through-wiring possible</b>	Yes (depending on type)
<b>Accessories</b>	Concealed, Plaster, Suspended & Surface-Mounted kits

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## Versions



SlimBlend recessed mod. 600

## Product details



SlimBlend\_RR-RC400B-3DPP.tif



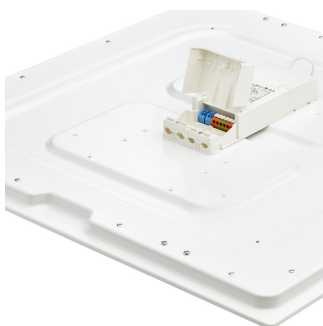
SlimBlend\_SR-RC400B\_VPC\_T-11DPP.tif



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

## SlimBlend Square, recessed

### Application Conditions

Ambient temperature range +10 to +40 °C

### Approval and Application

Mech. impact protection code IK02

Ingress protection code IP20

### Operating and Electrical

Input Voltage 220-240 V

### 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

### 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	Order Code	Full Product Name	Dimmable
17458300	RC400B LED36S/840 PSD W60L60 VPC PIP	Yes	17693800	RC400B LED36S/840 PSU W60L60 VPC PIP	No

