



# 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 50,000 h median useful life*</b>	L80
<b>Control gear failure rate at 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



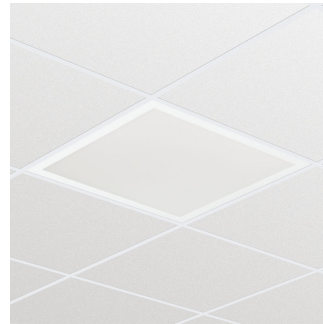
SlimBlend recessed mod. 600



## Product details



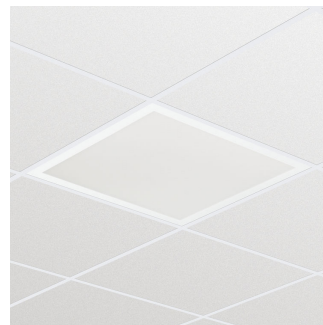
SlimBlend\_RR-RC400B-3DPP.tif



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

# SlimBlend Square, recessed

## Product details



SlimBlend\_SR-RC400B-3DPP.tif



SlimBlend\_SR-RC400B-4DPP.tif



SlimBlend\_RR-RC400B-1DPP.tif



SlimBlend\_SR-RC400B-1DPP.tif

SlimBlend\_SR-RC400B-5DPP.tif



SlimBlend\_RR-RC400B-1DPP.tif

SlimBlend\_SR-RC400B-1DPP.tif



SlimBlend\_SR-RC400B-5DPP.tif



# SlimBlend Square, recessed

## Product details



SlimBlend\_SR-RC400B-3DPP.tif

SlimBlend\_SR-RC400B-9DPP.tif



SlimBlend\_SR-RC400B\_VPC\_ACL\_EXP-10DPP.tif



SlimBlend\_SR-RC400B\_VPC\_ACL\_EXP-10DPP.tif

## SlimBlend Square, recessed

### 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
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)

Init. Colour Rendering Index	80
Luminous flux tolerance	+/-10%

### Mechanical and Housing

Colour	White
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### Application Conditions

Order Code	Full Product Name	Maximum dim level
910500459901	RC400B LED36S/830 PSD W60L60 VPC PIP	1%
910500459902	RC400B LED36S/840 PSD W60L60 VPC PIP	1%
910500459945	RC400B LED36S/830 PSU W60L60 VPC PIP	-
910500459946	RC400B LED36S/840 PSU W60L60 VPC PIP	-
910500459954	RC400B LED36S/840 POE W60L60 VPC	1%
910500459956	RC400B LED42S/840 PSU W60L60 VPC PIP	-
910500459955	RC400B LED36S/840 POE W60L60 VPC MSE	1%

### Controls and Dimming

Order Code	Full Product Name	Dimmable
910500459901	RC400B LED36S/830 PSD W60L60 VPC PIP	Yes
910500459902	RC400B LED36S/840 PSD W60L60 VPC PIP	Yes
910500459945	RC400B LED36S/830 PSU W60L60 VPC PIP	No
910500459946	RC400B LED36S/840 PSU W60L60 VPC PIP	No

Order Code	Full Product Name	Dimmable
910500459954	RC400B LED36S/840 POE W60L60 VPC	Yes
910500459956	RC400B LED42S/840 PSU W60L60 VPC PIP	No
910500459955	RC400B LED36S/840 POE W60L60 VPC MSE	Yes

### General Information

Order Code	Full Product Name	Protection class IEC
910500459901	RC400B LED36S/830 PSD W60L60 VPC PIP	Safety class II (II)
910500459902	RC400B LED36S/840 PSD W60L60 VPC PIP	Safety class II (II)
910500459945	RC400B LED36S/830 PSU W60L60 VPC PIP	Safety class II (II)
910500459946	RC400B LED36S/840 PSU W60L60 VPC PIP	Safety class II (II)

Order Code	Full Product Name	Protection class IEC
910500459954	RC400B LED36S/840 POE W60L60 VPC	Safety class III (III)
910500459956	RC400B LED42S/840 PSU W60L60 VPC PIP	Safety class II (II)
910500459955	RC400B LED36S/840 POE W60L60 VPC MSE	Safety class III (III)

### Initial Performance (IEC Compliant) (1/2)

## SlimBlend Square, recessed

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910500459901	RC400B LED36S/830 PSD W60L60 VPC PIP	(0.43, 0.40)	3000 K	100 lm/W	3600 lm
910500459902	RC400B LED36S/840 PSD W60L60 VPC PIP	(0.38, 0.38)	4000 K	107 lm/W	3600 lm
910500459945	RC400B LED36S/830 PSU W60L60 VPC PIP	(0.43, 0.40)	3000 K	100 lm/W	3600 lm
910500459946	RC400B LED36S/840 PSU W60L60 VPC PIP	(0.38, 0.38)	4000 K	107 lm/W	3600 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910500459954	RC400B LED36S/840 POE W60L60 VPC	(0.38, 0.38)	4000 K	109 lm/W	3600 lm
910500459956	RC400B LED42S/840 PSU W60L60 VPC PIP	(0.38, 0.38)	4000 K	104 lm/W	4200 lm
910500459955	RC400B LED36S/840 POE W60L60 VPC MSE	(0.38, 0.38)	4000 K	109 lm/W	3600 lm

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910500459901	RC400B LED36S/830 PSD W60L60 VPC PIP	36 W
910500459902	RC400B LED36S/840 PSD W60L60 VPC PIP	33.5 W
910500459945	RC400B LED36S/830 PSU W60L60 VPC PIP	36 W
910500459946	RC400B LED36S/840 PSU W60L60 VPC PIP	33.5 W

Order Code	Full Product Name	Initial input power
910500459954	RC400B LED36S/840 POE W60L60 VPC	33 W
910500459956	RC400B LED42S/840 PSU W60L60 VPC PIP	40.5 W
910500459955	RC400B LED36S/840 POE W60L60 VPC MSE	33 W

### Mechanical and Housing

Order Code	Full Product Name	Diameter
910500459901	RC400B LED36S/830 PSD W60L60 VPC PIP	-
910500459902	RC400B LED36S/840 PSD W60L60 VPC PIP	-
910500459945	RC400B LED36S/830 PSU W60L60 VPC PIP	-
910500459946	RC400B LED36S/840 PSU W60L60 VPC PIP	-

Order Code	Full Product Name	Diameter
910500459954	RC400B LED36S/840 POE W60L60 VPC	-
910500459956	RC400B LED42S/840 PSU W60L60 VPC PIP	-
910500459955	RC400B LED36S/840 POE W60L60 VPC MSE	-

