



SlimBlend Rectangular – High performance, advanced control

SlimBlend Rectangular, 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.

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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

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

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: 300 mm Module size in length: 312.5 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 median useful life* 50,000 h	L80
Control gear failure rate at median useful life 50,000 h	5%
Performance Ambient Temperature Tq	+25 °C

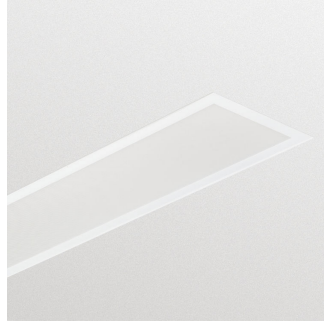
Operating temperature range	+10 to +40 °C
Driver	Built-in
Power/Data supply	PSU PSD PSD-CLO PSD-T PoE
Mains voltage	220-240 V / 50-60 Hz
Dimming	Dali, PoE
Material	Housing: coated steel and plastic Optics: Micro Lens Optics (MLO)
Colour	White
Optical cover	Micro Lens Optic (MLO)
Connection	PIP or W
Maintenance	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



SlimBlend recessed mod. 625



SlimBlend recessed mod. 600



Product details



SlimBlend_RR-
RC400B-3COM_DPP.tif



SlimBlend_RR-RC400B-3DPP.tif



SlimBlend_RR-RC400B-3DPP.tif



SlimBlend_RR-
RC400B-3Com_DPP.tif



SlimBlend_RR-RC400B-1DPP.tif



SlimBlend_RR-RC400B-7DPP.tif

SlimBlend Rectangular, recessed

Product details



SlimBlend_RR-RC400B-1DPP.tif



SlimBlend_RR-RC400B-7DPP.tif

SlimBlend_RR-RC400B-9DPP.tif

SlimBlend_RR-RC400B-2COM_DPP.tif



SlimBlend_RR-RC400B-9DPP.tif

SlimBlend_RR-RC400B-2Com_DPP.tif



SlimBlend Rectangular, 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

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 dimming level
17473600	RC402B LED36S/840 PSD W31L125 VPC PIP	1%
17728700	RC402B LED36S/840 PSU W31L125 VPC PIP	-
17730000	RC402B LED42S/840 PSU W31L125 VPC PIP	-
17731700	RC402B LED42S/840 PSD W31L125 VPC PIP	1%
17682200	RC402B LED36S/840 PSU W31L125 PCV PIP	-
17683900	RC402B LED42S/840 PSU W31L125 PCV PIP	-
17684600	RC402B LED36S/840 PSD W31L125 PCV PIP	1%
17685300	RC402B LED42S/840 PSD W31L125 PCV PIP	1%
17706500	RC400B LED36S/830 PSD W30L120 PCV PIP	1%
17729400	RC402B LED36S/840 POE W31L125 VPC MSE	1%
40107800	RC400B LED36S/830 PSD W30L120 VPC SWZ PI	1%
96043800	RC400B LED36S/840 PSD W30L120 VPC SWZ PI	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
17473600	RC402B LED36S/840 PSD W31L125 VPC PIP	Yes
17728700	RC402B LED36S/840 PSU W31L125 VPC PIP	No
17730000	RC402B LED42S/840 PSU W31L125 VPC PIP	No
17731700	RC402B LED42S/840 PSD W31L125 VPC PIP	Yes
17682200	RC402B LED36S/840 PSU W31L125 PCV PIP	No
17683900	RC402B LED42S/840 PSU W31L125 PCV PIP	No

Order Code	Full Product Name	Dimmable
17684600	RC402B LED36S/840 PSD W31L125 PCV PIP	Yes
17685300	RC402B LED42S/840 PSD W31L125 PCV PIP	Yes
17706500	RC400B LED36S/830 PSD W30L120 PCV PIP	Yes
17729400	RC402B LED36S/840 POE W31L125 VPC MSE	Yes
40107800	RC400B LED36S/830 PSD W30L120 VPC SWZ PI	Yes
96043800	RC400B LED36S/840 PSD W30L120 VPC SWZ PI	Yes

General Information

Order Code	Full Product Name	Protection class IEC	Product family code
17473600	RC402B LED36S/840 PSD W31L125 VPC PIP	Safety class II (II)	RC402B
17728700	RC402B LED36S/840 PSU W31L125 VPC PIP	Safety class II (II)	RC402B
17730000	RC402B LED42S/840 PSU W31L125 VPC PIP	Safety class II (II)	RC402B
17731700	RC402B LED42S/840 PSD W31L125 VPC PIP	Safety class II (II)	RC402B

Order Code	Full Product Name	Protection class IEC	Product family code
17682200	RC402B LED36S/840 PSU W31L125 PCV PIP	Safety class II (II)	RC402B
17683900	RC402B LED42S/840 PSU W31L125 PCV PIP	Safety class II (II)	RC402B
17684600	RC402B LED36S/840 PSD W31L125 PCV PIP	Safety class II (II)	RC402B
17685300	RC402B LED42S/840 PSD W31L125 PCV PIP	Safety class II (II)	RC402B

SlimBlend Rectangular, recessed

Order Code	Full Product Name	Protection class IEC	Product family code
17706500	RC400B LED36S/830 PSD W30L120 PCV PIP	Safety class II (II)	RC400B
17729400	RC402B LED36S/840 POE W31L125 VPC MSE	Safety class III (III)	RC402B

Order Code	Full Product Name	Protection class IEC	Product family code
40107800	RC400B LED36S/830 PSD W30L120 VPC SWZ PI	Safety class I (I)	RC400B
96043800	RC400B LED36S/840 PSD W30L120 VPC SWZ PI	Safety class I (I)	RC400B

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
17473600	RC402B LED36S/840 PSD W31L125 VPC PIP	(0.38, 0.38)	4000 K	111 lm/W	3600 lm
17728700	RC402B LED36S/840 PSU W31L125 VPC PIP	(0.38, 0.38)	4000 K	111 lm/W	3600 lm
17730000	RC402B LED42S/840 PSU W31L125 VPC PIP	(0.38, 0.38)	4000 K	108 lm/W	4200 lm
17731700	RC402B LED42S/840 PSD W31L125 VPC PIP	(0.38, 0.38)	4000 K	108 lm/W	4200 lm
17682200	RC402B LED36S/840 PSU W31L125 PCV PIP	(0.38, 0.38)	4000 K	111 lm/W	3600 lm
17683900	RC402B LED42S/840 PSU W31L125 PCV PIP	(0.38, 0.38)	4000 K	108 lm/W	4200 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
17684600	RC402B LED36S/840 PSD W31L125 PCV PIP	(0.38, 0.38)	4000 K	111 lm/W	3600 lm
17685300	RC402B LED42S/840 PSD W31L125 PCV PIP	(0.38, 0.38)	4000 K	108 lm/W	4200 lm
17706500	RC400B LED36S/830 PSD W30L120 PCV PIP	(0.43, 0.40)	3000 K	97 lm/W	3600 lm
17729400	RC402B LED36S/840 POE W31L125 VPC MSE	(0.38, 0.38)	4000 K	116 lm/W	3600 lm
40107800	RC400B LED36S/830 PSD W30L120 VPC SWZ PI	(0.43, 0.40)	3000 K	100 lm/W	3600 lm
96043800	RC400B LED36S/840 PSD W30L120 VPC SWZ PI	(0.43, 0.40)	4000 K	100 lm/W	3600 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
17473600	RC402B LED36S/840 PSD W31L125 VPC PIP	32.5 W
17728700	RC402B LED36S/840 PSU W31L125 VPC PIP	32.5 W
17730000	RC402B LED42S/840 PSU W31L125 VPC PIP	39 W
17731700	RC402B LED42S/840 PSD W31L125 VPC PIP	39 W
17682200	RC402B LED36S/840 PSU W31L125 PCV PIP	32.5 W
17683900	RC402B LED42S/840 PSU W31L125 PCV PIP	39 W

Order Code	Full Product Name	Initial input power
17684600	RC402B LED36S/840 PSD W31L125 PCV PIP	32.5 W
17685300	RC402B LED42S/840 PSD W31L125 PCV PIP	39 W
17706500	RC400B LED36S/830 PSD W30L120 PCV PIP	37 W
17729400	RC402B LED36S/840 POE W31L125 VPC MSE	31 W
40107800	RC400B LED36S/830 PSD W30L120 VPC SWZ PI	32.5 W
96043800	RC400B LED36S/840 PSD W30L120 VPC SWZ PI	30 W

Mechanical and Housing

Order Code	Full Product Name	Diameter
17473600	RC402B LED36S/840 PSD W31L125 VPC PIP	-
17728700	RC402B LED36S/840 PSU W31L125 VPC PIP	-

Order Code	Full Product Name	Diameter
17730000	RC402B LED42S/840 PSU W31L125 VPC PIP	-
17731700	RC402B LED42S/840 PSD W31L125 VPC PIP	-

SlimBlend Rectangular, recessed

Order Code	Full Product Name	Diameter
17682200	RC402B LED36S/840 PSU W31L125 PCV PIP	-
17683900	RC402B LED42S/840 PSU W31L125 PCV PIP	-
17684600	RC402B LED36S/840 PSD W31L125 PCV PIP	-
17685300	RC402B LED42S/840 PSD W31L125 PCV PIP	-

Order Code	Full Product Name	Diameter
17706500	RC400B LED36S/830 PSD W30L120 PCV PIP	-
17729400	RC402B LED36S/840 POE W31L125 VPC MSE	-
40107800	RC400B LED36S/830 PSD W30L120 VPC SWZ PI	-
96043800	RC400B LED36S/840 PSD W30L120 VPC SWZ PI	-

