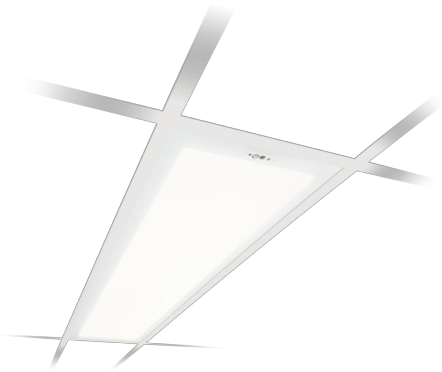
PHILIPS

Lighting



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.

SlimBlend Rectangular, recessed

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	92º
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 ºC

Operating temperature range	+10 to +40 ºC
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

SlimBlend Rectangular, recessed

Versions

SlimBlend recessed mod. 600

SlimBlend recessed mod. 600

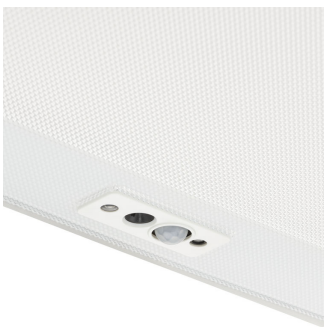
Product details

SlimBlend_RR-RC400B-3COM_DPP.tif

SlimBlend_RR-RC400B-3DPP.tif

SlimBlend_RR-RC400B-3DPP.tif

SlimBlend_RR-RC400B-3Com_DPP.tif

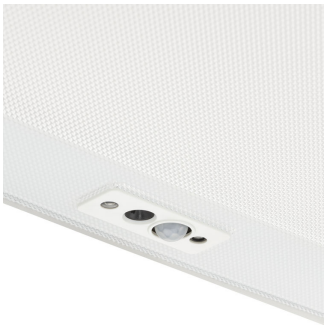


SlimBlend_RR-RC400B-1DPP.tif

SlimBlend_RR-RC400B-7DPP.tif

SlimBlend Rectangular, recessed

Product details



SlimBlend_RR-RC400B-1DPP.tif

SlimBlend_RR-RC400B-7DPP.tif

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
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	Temperature 650 °C, duration 5 s
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

Application Conditions

Order Code	Full Product Name	Maximum dim level
17467500	RC400B LED36S/830 PSD W30L120 VPC PIP	1%
17468200	RC400B LED36S/840 PSD W30L120 VPC PIP	1%
17469900	RC400B LED36S/840 PSD W30L120 VPC W	1%
17705800	RC400B LED36S/840 PSU W30L120 VPC PIP	-
17708900	RC400B LED42S/840 PSU W30L120 VPC PIP	-
17470500	RC400B LED36S/830 PSD W30L120 VPC ACL PI	1%
17471200	RC400B LED36S/840 PSD W30L120 VPC ACL PI	1%
17472900	RC400B LED36S/840 PSD W30L120 VPC ACL W	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
17467500	RC400B LED36S/830 PSD W30L120 VPC PIP	Yes
17468200	RC400B LED36S/840 PSD W30L120 VPC PIP	Yes
17469900	RC400B LED36S/840 PSD W30L120 VPC W	Yes
17705800	RC400B LED36S/840 PSU W30L120 VPC PIP	No

Order Code	Full Product Name	Dimmable
17708900	RC400B LED42S/840 PSU W30L120 VPC PIP	No
17470500	RC400B LED36S/830 PSD W30L120 VPC ACL PI	Yes
17471200	RC400B LED36S/840 PSD W30L120 VPC ACL PI	Yes
17472900	RC400B LED36S/840 PSD W30L120 VPC ACL W	Yes

SlimBlend Rectangular, recessed

General Information

Order Code	Full Product Name	Protection class IEC
17467500	RC400B LED36S/830 PSD W30L120 VPC PIP	Safety class II
17468200	RC400B LED36S/840 PSD W30L120 VPC PIP	Safety class II
17469900	RC400B LED36S/840 PSD W30L120 VPC W	Safety class II
17705800	RC400B LED36S/840 PSU W30L120 VPC PIP	Safety class II

Order Code	Full Product Name	Protection class IEC
17708900	RC400B LED42S/840 PSU W30L120 VPC PIP	Safety class II
17470500	RC400B LED36S/830 PSD W30L120 VPC ACL PI	Safety class I
17471200	RC400B LED36S/840 PSD W30L120 VPC ACL PI	Safety class I
17472900	RC400B LED36S/840 PSD W30L120 VPC ACL W	Safety class I

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
17467500	RC400B LED36S/830 PSD W30L120 VPC PIP	(0.43, 0.40) SDCM<3	3000 K	97 lm/W	3600 lm
17468200	RC400B LED36S/840 PSD W30L120 VPC PIP	(0.38, 0.38) SDCM<3	4000 K	107 lm/W	3600 lm
17469900	RC400B LED36S/840 PSD W30L120 VPC W	(0.38, 0.38) SDCM<3	4000 K	107 lm/W	3600 lm
17705800	RC400B LED36S/840 PSU W30L120 VPC PIP	(0.38, 0.38) SDCM<3	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
17708900	RC400B LED42S/840 PSU W30L120 VPC PIP	(0.38, 0.38) SDCM<3	4000 K	105 lm/W	4200 lm
17470500	RC400B LED36S/830 PSD W30L120 VPC ACL PI	(0.43, 0.40) SDCM<3	3000 K	97 lm/W	3600 lm
17471200	RC400B LED36S/840 PSD W30L120 VPC ACL PI	(0.38, 0.38) SDCM<3	4000 K	107 lm/W	3600 lm
17472900	RC400B LED36S/840 PSD W30L120 VPC ACL W	(0.38, 0.38) SDCM<3	4000 K	107 lm/W	3600 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
17467500	RC400B LED36S/830 PSD W30L120 VPC PIP	37 W
17468200	RC400B LED36S/840 PSD W30L120 VPC PIP	33.5 W
17469900	RC400B LED36S/840 PSD W30L120 VPC W	33.5 W
17705800	RC400B LED36S/840 PSU W30L120 VPC PIP	33.5 W

Order Code	Full Product Name	Initial input power
17708900	RC400B LED42S/840 PSU W30L120 VPC PIP	40 W
17470500	RC400B LED36S/830 PSD W30L120 VPC ACL PI	37 W
17471200	RC400B LED36S/840 PSD W30L120 VPC ACL PI	33.5 W
17472900	RC400B LED36S/840 PSD W30L120 VPC ACL W	33.5 W