

FlexBlend – Unlocking the potential of LED lighting in offices

FlexBlend Recessed

Office owners and staff responsible for lighting operations are searching for high-quality yet energy-efficient lighting that complies with norms and regulations. Designed to support these needs, Philips FlexBlend is enabling building owners to fully optimise their lighting operations, by offering office-compliant lighting with an attractive return on investment. Furthermore, FlexBlend provides the required flexibility by being easy to use with different ceiling lights, as well as in different office spaces like open office or meeting rooms. Though technology is changing fast, the ideal lighting solution is also expected to be ready to incorporate innovations and future advances that can help optimise operations further. For this reason, Philips FlexBlend is also ready to be connected to controls such as Actilume or used together with the Philips SpaceWise lighting system. It can also be connected to software-based lighting systems like Interact Office, which provides the luminaire with further intelligence and enables it to collect valuable data about its environment

Benefits

- High-quality office-compliant lighting
- Choice of three different exit-windows (MLO, Opal, PCS)
- Fast return on investment
- Application flexibility
- Scalable and ready to be connected to controls and lighting systems

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Features

- Fully office-compliant (UGR <19) with MLO & PCS optics
- Homogenous and uniform light effect
- Dimensional variety (60x60,15x120,30x120cm)
- Various mounting options (VPC,PCV,CPC ceiling types)
- Integrated sensor options
- Can be combined with Philips ActiLume and SpaceWise systems
- Ready to be connected to software-based lighting systems, such as Interact Office
- Optional 3 hour emergency versions available
- TP(a) flammability rated Opal diffuser

Application

- Offices
- Education
- Healthcare
- Banks

Versions



FlexBlend Recessed-RC340B
W30L120 MLO VPC



Upgradable sensor



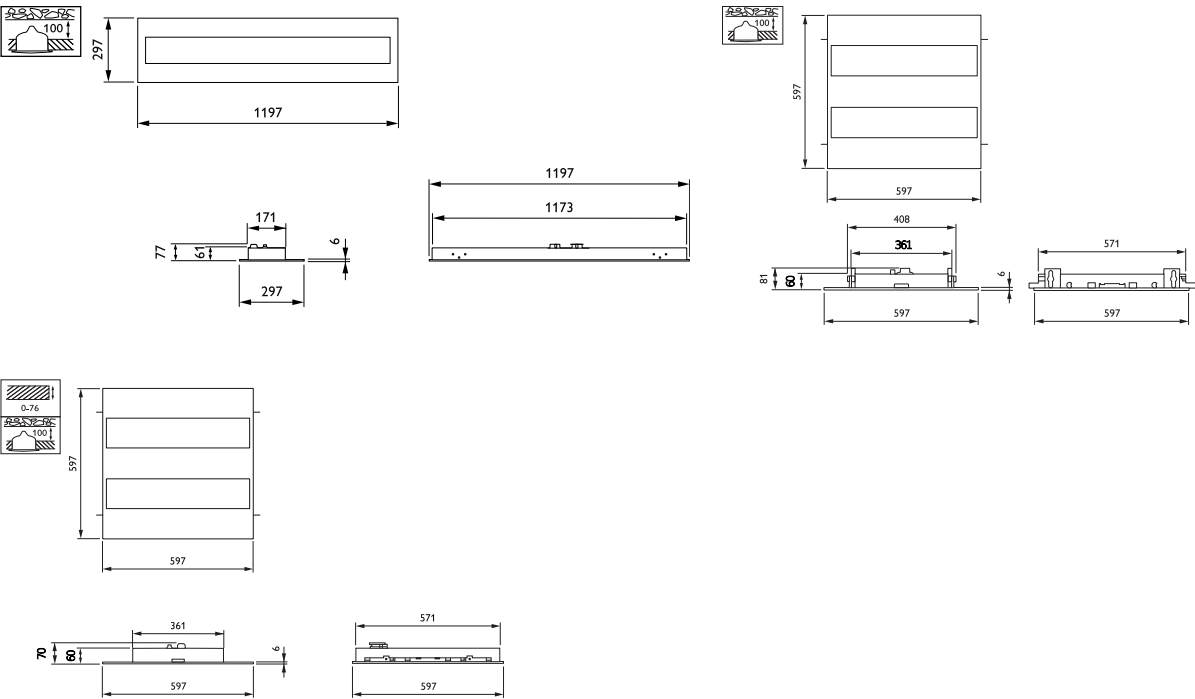
FlexBlend Recessed RC340B
W60L60 MLO CPC



FlexBlend Recessed RC340B
W60L60 MLO VPC

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Dimensional drawing



Product details



FlexBlend Recessed-RC340B_MLO_DPP



FlexBlend Recessed-RC340B_W60L60_Backcover_VP C



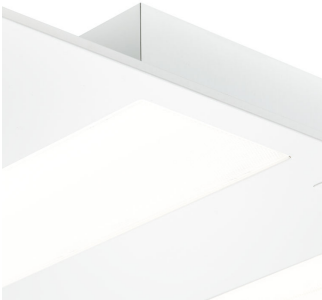
FlexBlend Recessed-RC340B_W60L60_CPC brackets



FlexBlend Recessed-RC340B_W60L60_CPC brackets_B

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Product details



FlexBlend Recessed-RC340B_OPA_DPP



FlexBlend Recessed-RC340B_PCS_DPP



O_FlexBlend Recessed-RC340B_W60L60_PCS_VPC



FlexBlend Recessed-RC340B_W60L60_CPC brackets_A



FlexBlend Recessed RC340B PIP Open



O_FlexBlend Recessed-RC340B_W60L60_MLO_VPC



O_FlexBlend Recessed-RC340B_W60L60_MLO_CPC



FlexBlend Recessed-RC340B PIP Closed

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Product details



FlexBlend Recessed-
RC340B_W60L60_backcover_CP
C

FlexBlend Recessed

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	≥90
Optic type	Wide beam
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Controls and Dimming	
Maximum dim level	1%
Mechanical and Housing	
Housing Colour	White
Mech. impact protection code	IK02
Approval and Application	
Ambient temperature range	+10 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.37) SDCM ≤3
Luminous flux tolerance	+/-10%
Product Data	
Product family code	RC340B

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
10242200	RC340B 36S/940 PSD W30L120 VPC MLO	97.5 lm/W	3,600 lm
70826600	RC340B 36S/940 SRD W60L60 VPC MLO U4	97.5 lm/W	3,600 lm
70828000	RC340B 36S/940 SRD W60L60 VPC PCS U4	141 lm/W	3,600 lm
10232300	RC340B 36S/940 PSD W60L60 VPC MLO	97.5 lm/W	3,600 lm
10230900	RC340B 36S/940 PSD W60L60 VPC O	124 lm/W	3,600 lm
10235400	RC340B 36S/940 PSU W60L60 VPC PCS	144 lm/W	3,600 lm
10236100	RC340B 36S/940 PSD W60L60 VPC PCS	144 lm/W	3,600 lm
10240800	RC340B 36S/940 PSD W60L60 CPC MLO	97.5 lm/W	3,600 lm
10266800	RC340B 42S/940 PSD W60L60 VPC PCS	140 lm/W	4,200 lm
10307800	RC340B 36S/940 PSD W60L60 CPC PCS	144 lm/W	3,600 lm
10229300	RC340B 36S/940 PSU W60L60 VPC O	120 lm/W	3,600 lm

Operating and Electrical

			Suitable for random switching
Order Code	Full Product Name	Power Consumption	
10242200	RC340B 36S/940 PSD W30L120 VPC MLO	37 W	Yes
70826600	RC340B 36S/940 SRD W60L60 VPC MLO U4	37 W	No

			Suitable for random switching
Order Code	Full Product Name	Power Consumption	
70828000	RC340B 36S/940 SRD W60L60 VPC PCS U4	25.5 W	No
10232300	RC340B 36S/940 PSD W60L60 VPC MLO	37 W	Yes

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Order Code	Full Product Name	Power Consumption	Suitable for random switching
10230900	RC340B 36S/940 PSD W60L60 VPC O	29 W	Yes
10235400	RC340B 36S/940 PSU W60L60 VPC PCS	25 W	Yes
10236100	RC340B 36S/940 PSD W60L60 VPC PCS	25 W	Yes
10240800	RC340B 36S/940 PSD W60L60 CPC MLO	37 W	Yes

Controls and Dimming

Order Code	Full Product Name	Dimmable	Embedded control
10242200	RC340B 36S/940 PSD W30L120 VPC MLO	Yes	-
70826600	RC340B 36S/940 SRD W60L60 VPC MLO U4	Yes	Upgradable sensor slot with SNS210 sensor
70828000	RC340B 36S/940 SRD W60L60 VPC PCS U4	Yes	Upgradable sensor slot with SNS210 sensor
10232300	RC340B 36S/940 PSD W60L60 VPC MLO	Yes	-

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
10242200	RC340B 36S/940 PSD W30L120 VPC MLO	IP20/40
70826600	RC340B 36S/940 SRD W60L60 VPC MLO U4	IP20
70828000	RC340B 36S/940 SRD W60L60 VPC PCS U4	IP20/54
10232300	RC340B 36S/940 PSD W60L60 VPC MLO	IP20/40
10230900	RC340B 36S/940 PSD W60L60 VPC O	IP20/54
10235400	RC340B 36S/940 PSU W60L60 VPC PCS	IP20/54

Approval and Application

Order Code	Full Product Name	Glow-wire test
10242200	RC340B 36S/940 PSD W30L120 VPC MLO	Temperature 650 °C, duration 30 s
70826600	RC340B 36S/940 SRD W60L60 VPC MLO U4	Temperature 650 °C, duration 30 s
70828000	RC340B 36S/940 SRD W60L60 VPC PCS U4	Temperature 850 °C, duration 30 s
10232300	RC340B 36S/940 PSD W60L60 VPC MLO	Temperature 650 °C, duration 30 s
10230900	RC340B 36S/940 PSD W60L60 VPC O	Temperature 850 °C, duration 30 s
10235400	RC340B 36S/940 PSU W60L60 VPC PCS	Temperature 850 °C, duration 30 s

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Power Consumption	Suitable for random switching
10266800	RC340B 42S/940 PSD W60L60 VPC PCS	30 W	Yes
10307800	RC340B 36S/940 PSD W60L60 CPC PCS	25 W	Yes
10229300	RC340B 36S/940 PSU W60L60 VPC O	30 W	Yes

Order Code	Full Product Name	Dimmable	Embedded control
10230900	RC340B 36S/940 PSD W60L60 VPC O	Yes	-
10235400	RC340B 36S/940 PSU W60L60 VPC PCS	No	-
10236100	RC340B 36S/940 PSD W60L60 VPC PCS	Yes	-
10240800	RC340B 36S/940 PSD W60L60 CPC MLO	Yes	-
10266800	RC340B 42S/940 PSD W60L60 VPC PCS	Yes	-
10307800	RC340B 36S/940 PSD W60L60 CPC PCS	Yes	-
10229300	RC340B 36S/940 PSU W60L60 VPC O	No	-

Order Code	Full Product Name	Ingress protection code
10236100	RC340B 36S/940 PSD W60L60 VPC PCS	IP20/54
10240800	RC340B 36S/940 PSD W60L60 CPC MLO	IP20/40
10266800	RC340B 42S/940 PSD W60L60 VPC PCS	IP20/54
10307800	RC340B 36S/940 PSD W60L60 CPC PCS	IP20/54
10229300	RC340B 36S/940 PSU W60L60 VPC O	IP20/54

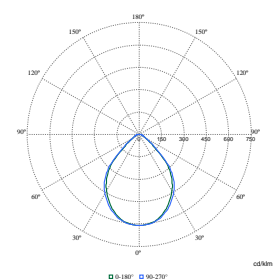
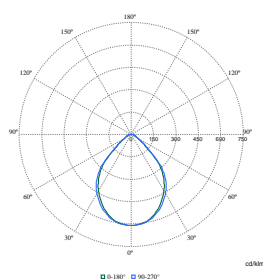
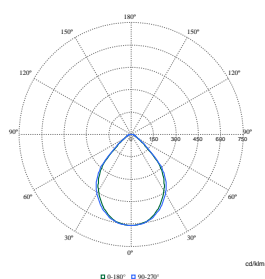
Order Code	Full Product Name	Glow-wire test
10236100	RC340B 36S/940 PSD W60L60 VPC PCS	Temperature 850 °C, duration 30 s
10240800	RC340B 36S/940 PSD W60L60 CPC MLO	Temperature 650 °C, duration 30 s
10266800	RC340B 42S/940 PSD W60L60 VPC PCS	Temperature 850 °C, duration 30 s
10307800	RC340B 36S/940 PSD W60L60 CPC PCS	Temperature 850 °C, duration 30 s
10229300	RC340B 36S/940 PSU W60L60 VPC O	Temperature 850 °C, duration 30 s

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		Driver failure rate at 5,000 hours
Order Code	Full Product Name	
10242200	RC340B 36S/940 PSD W30L120 VPC MLO	0.01 %
70826600	RC340B 36S/940 SRD W60L60 VPC MLO U4	-
70828000	RC340B 36S/940 SRD W60L60 VPC PCS U4	-
10232300	RC340B 36S/940 PSD W60L60 VPC MLO	0.01 %
10230900	RC340B 36S/940 PSD W60L60 VPC O	0.01 %
10235400	RC340B 36S/940 PSU W60L60 VPC PCS	0.01 %

		Driver failure rate at 5,000
Order Code	Full Product Name	hours
10236100	RC340B 36S/940 PSD W60L60 VPC PCS	0.01 %
10240800	RC340B 36S/940 PSD W60L60 CPC MLO	0.01 %
10266800	RC340B 42S/940 PSD W60L60 VPC PCS	0.01 %
10307800	RC340B 36S/940 PSD W60L60 CPC PCS	0.01 %
10229300	RC340B 36S/940 PSU W60L60 VPC O	0.01 %

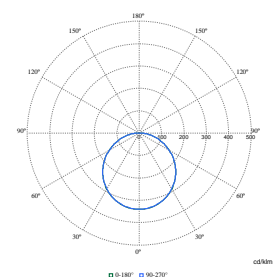
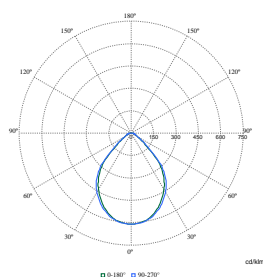
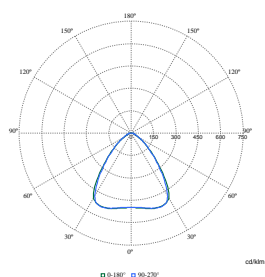
Polar Wide Diagrams



Polar Normal (separate) - RC340BI - 910925868914

**Polar Normal (separate) - RC340BI -
910925866969**

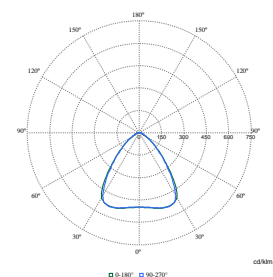
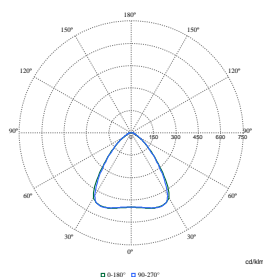
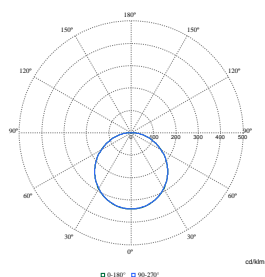
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**Polar Normal (separate) - RC340BI -
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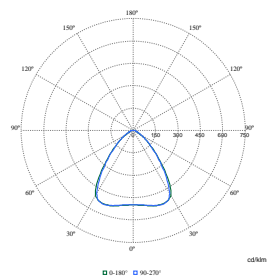


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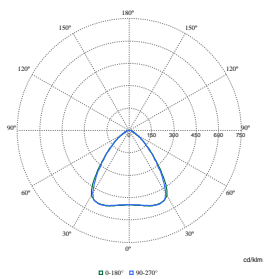
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**Polar Normal (separate) - RC340BI -
910925866972**

Polar Wide Diagrams



Polar Normal (separate) - RC340BI -
910925867004



Polar Normal (separate) - RC340BI -
910925868916

