



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 apply on different ceiling types 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
- 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)
- Homogenous and uniform light effect
- Dimensional variety, local options
- Various mounting options
- Integrated sensors
- Can be combined with Philips ActiLume and SpaceWise systems
- Ready to be connected to software-based lighting systems, such as Interact Office

Application

- Offices
- Education
- Healthcare
- Banks

Versions

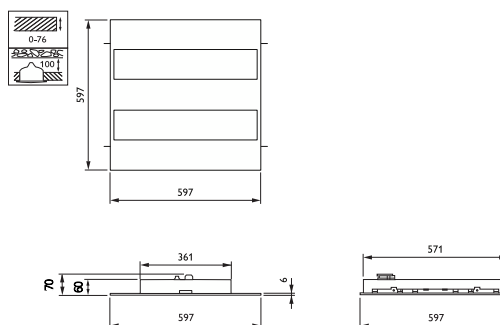


FlexBlend Recessed-RC340B
W30L120 MLO VPC



FlexBlend Recessed RC340B
W60L60 MLO VPC

Dimensional drawing



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Product details



FlexBlend Recessed-
RC340B_W60L60_Backcover_VP
C



FlexBlend Recessed-
RC340B_PCS_DPP



O_FlexBlend Recessed-
RC340B_W60L60_PCS_VPC



FlexBlend Recessed RC340B PIP
Open



FlexBlend Recessed-RC340B PIP
Closed

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
Suitable for random switching	Yes
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%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	0.01 %
Product Data	
Product family code	RC340B

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated)	
		(nom.)	Luminous Flux
910925867039	RC340B 42S/940 PSD W30L120 CPC PCS W3W2	140 lm/W	4,200 lm
910925866972	RC340B 36S/940 PSU W60L60 VPC PCS	144 lm/W	3,600 lm
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	144 lm/W	3,600 lm
910925866990	RC340B 36S/940 PSU W60L60 VPC PCS ELP3	124 lm/W	3,600 lm
910925867027	RC340B 42S/940 PSD W60L60 VPC MLO W3W2	94.5 lm/W	4,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925867039	RC340B 42S/940 PSD W30L120 CPC PCS W3W2	30 W
910925866972	RC340B 36S/940 PSU W60L60 VPC PCS	25 W
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	25 W

Order Code	Full Product Name	Power Consumption
910925866990	RC340B 36S/940 PSU W60L60 VPC PCS ELP3	29 W
910925867027	RC340B 42S/940 PSD W60L60 VPC MLO W3W2	44.5 W

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Controls and Dimming

Order Code	Full Product Name	Dimmable
910925867039	RC340B 42S/940 PSD W30L120 CPC PCS W3W2	Yes
910925866972	RC340B 36S/940 PSU W60L60 VPC PCS	No
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	Yes

Order Code	Full Product Name	Dimmable
910925866990	RC340B 36S/940 PSU W60L60 VPC PCS ELP3	No
910925867027	RC340B 42S/940 PSD W60L60 VPC MLO W3W2	Yes

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
910925867039	RC340B 42S/940 PSD W30L120 CPC PCS W3W2	IP20/54
910925866972	RC340B 36S/940 PSU W60L60 VPC PCS	IP20/54
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	IP20/54

Order Code	Full Product Name	Ingress protection code
910925866990	RC340B 36S/940 PSU W60L60 VPC PCS ELP3	IP20/54
910925867027	RC340B 42S/940 PSD W60L60 VPC MLO W3W2	IP20/40

Emergency Operation

Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
910925867039	RC340B 42S/940 PSD W30L120 CPC PCS W3W2	-	-
910925866972	RC340B 36S/940 PSU W60L60 VPC PCS	-	-
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	-	-

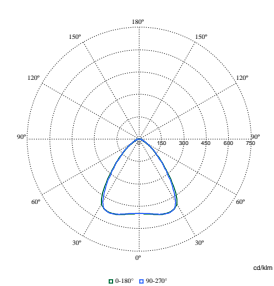
Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
910925866990	RC340B 36S/940 PSU W60L60 VPC PCS ELP3	Emergency lighting 3-hour duration Pro version	3 h
910925867027	RC340B 42S/940 PSD W60L60 VPC MLO W3W2	-	-

Approval and Application

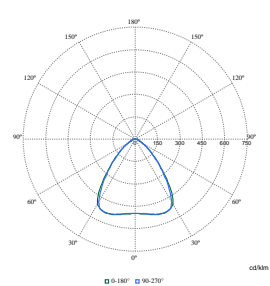
Order Code	Full Product Name	Glow-wire test
910925867039	RC340B 42S/940 PSD W30L120 CPC PCS W3W2	Temperature 850 °C, duration 30 s
910925866972	RC340B 36S/940 PSU W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	Temperature 850 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
910925866990	RC340B 36S/940 PSU W60L60 VPC PCS ELP3	Temperature 850 °C, duration 30 s
910925867027	RC340B 42S/940 PSD W60L60 VPC MLO W3W2	Temperature 650 °C, duration 30 s

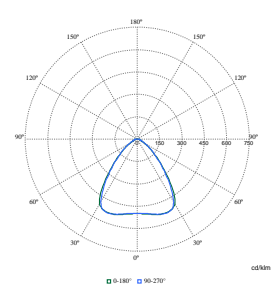
Polar Wide Diagrams



Polar Normal (separate) - RC340BI - 910925866973

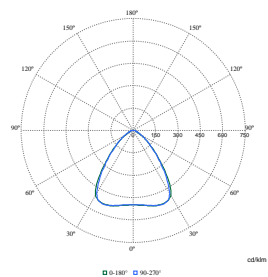


Polar Normal (separate) - RC340BI - 910925867039

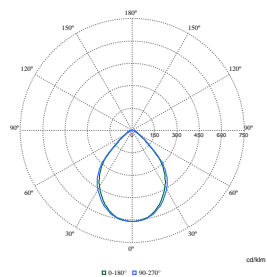


Polar Normal (separate) - RC340BI - 910925866972

Polar Wide Diagrams



Polar Normal (separate) - RC340BI -
910925866990



Polar Normal (separate) - RC340BI -
910925867027

