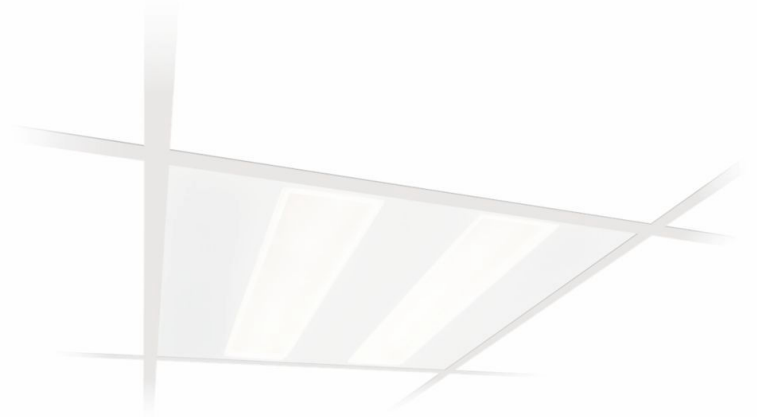




FlexBlend - Unlocking the potential of LED lighting in offices

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 optimize their lighting operations, by offering office-compliant lighting with an attractive return on investment. Furthermore, FlexBlend provides the required flexibility by being easy applied 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 optimize 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

Applications

- Offices
- Education

- Healthcare
- Banks

Features

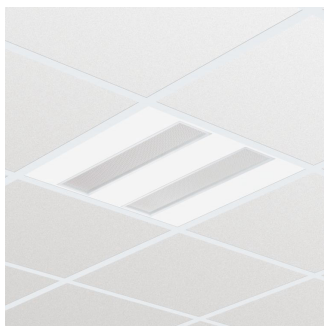
- Fully office-compliant (UGR <19)
- Homogenous and uniform light effect

- 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

Versions

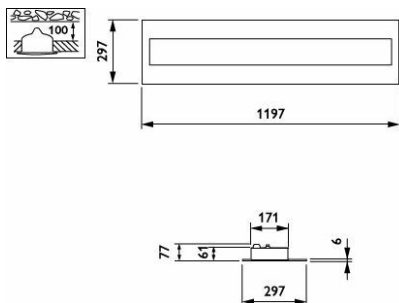


FlexBlend RC340B W30L120
U4

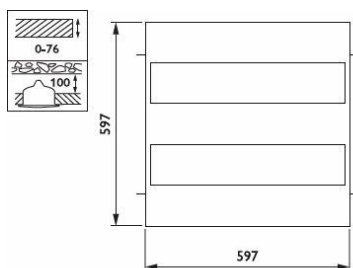


FlexBlend Recessed RC340B
W60L60 MLO VPC

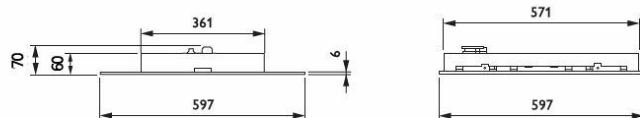
Dimensional drawing



RC340B 42S/940 SEIA W30L120 VPC PCS U4W3



RC340B 42S/940 DEIA W60L60 VPC MLO



Product details



FlexBlend_RC340B_W30L120_
U4_DPP

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Luminous Flux	4,200 lm
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Optic type	Wide beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Protection class IEC	Safety class I

Controls and Dimming

Maximum dim level	1%
Embedded control	Upgradable sensor slot with SC200 sensor

Mechanical and Housing

Housing Color	White
Mech. impact protection code	IK02 [0.2 J standard]

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM ≤3

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
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Product Data

Product family code	RC340B [FLEXBLEND RECESSED, module 600]
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Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)
910925868919	RC340B 42S/940 SEIA W30L120 VPC PCS U4W3	140 lm/W
910925866999	RC340B 42S/940 DEIA W60L60 VPC MLO	93 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925868919	RC340B 42S/940 SEIA W30L120 VPC PCS U4W3	30 W	No
910925866999	RC340B 42S/940 DEIA W60L60 VPC MLO	45 W	Yes

Controls and Dimming

Order Code	Full Product Name	Dimmable
910925868919	RC340B 42S/940 SEIA W30L120 VPC PCS U4W3	No
910925866999	RC340B 42S/940 DEIA W60L60 VPC MLO	Yes

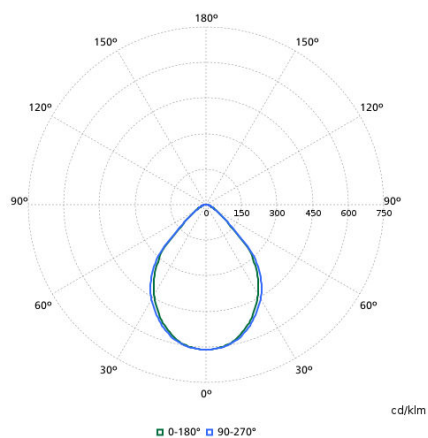
Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
910925868919	RC340B 42S/940 SEIA W30L120 VPC PCS U4W3	IP20/54
910925866999	RC340B 42S/940 DEIA W60L60 VPC MLO	IP20/40

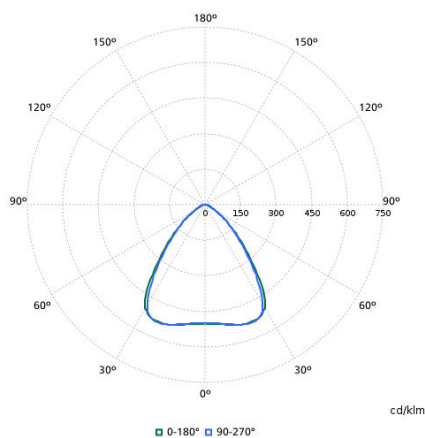
Approval and Application

Order Code	Full Product Name	Glow-wire test
910925868919	RC340B 42S/940 SEIA W30L120 VPC PCS U4W3	Temperature 850 °C, duration 30 s
910925866999	RC340B 42S/940 DEIA W60L60 VPC MLO	Temperature 650 °C, duration 30 s

Polar normal diagrams



RC340BI - 910925866999



RC340BI - 910925868919