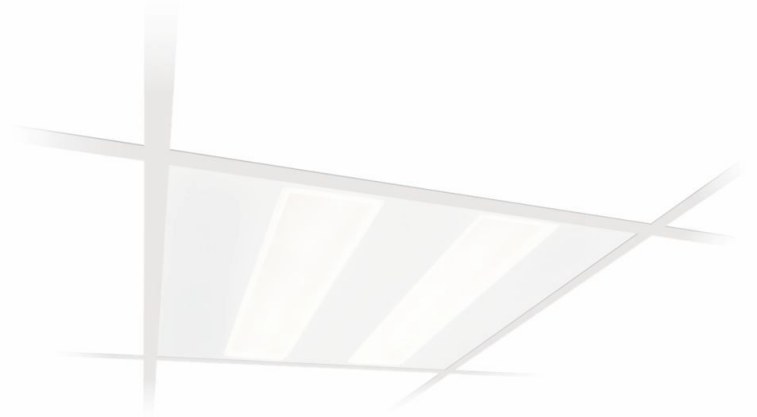




FlexBlend – Unlocking the potential of LED lighting in offices

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 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

Applications

- Offices
- Education

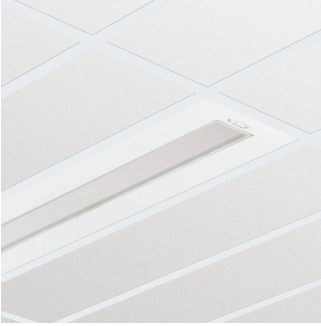
- Healthcare
- Banks

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

Versions



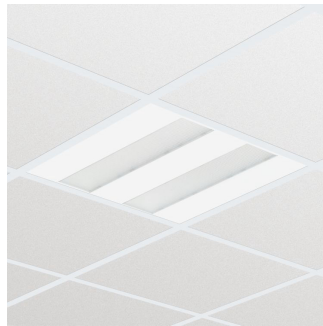
FlexBlend Recessed-RC340B
W30L120 MLO VPC



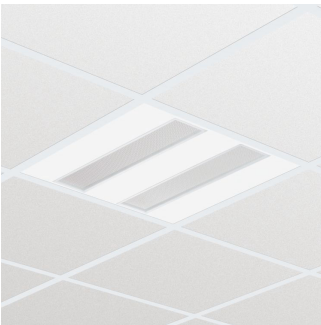
Upgradable sensor



FlexBlend Recessed RC340B
W60L60 MLO CPC

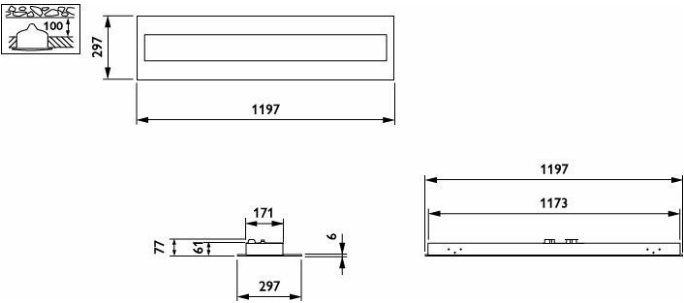


FlexBlend Recessed RC340B
W60L60 PCS VPC

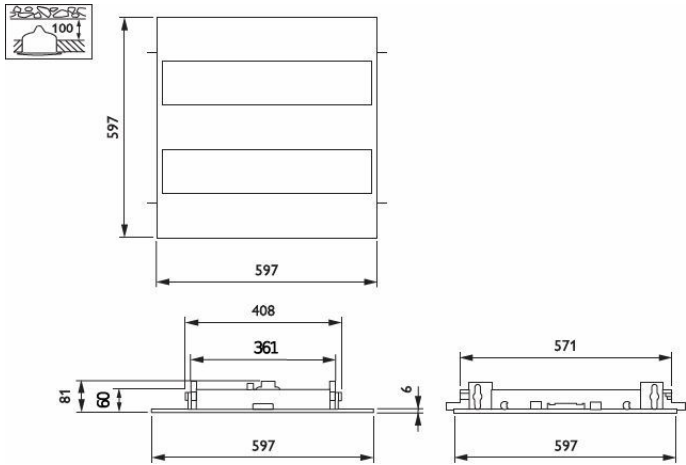


FlexBlend Recessed RC340B
W60L60 MLO VPC

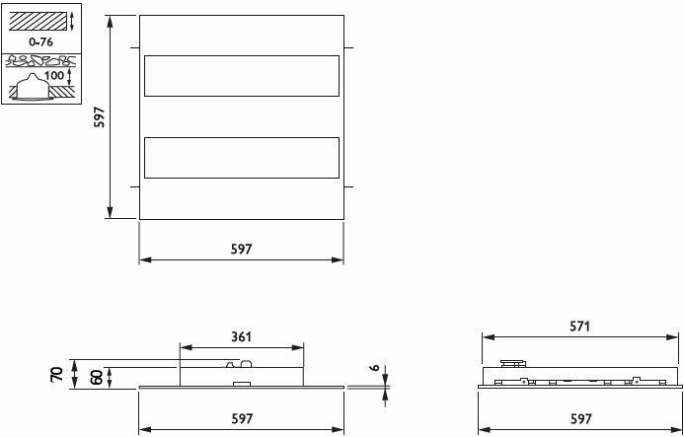
Dimensional drawing



RC340B 36S/940 DEIA W30L120 VPC MLO



RC340B 36S/940 DEIA W60L60 CPC PCS



RC340B 42S/940 DEIA W60L60 VPC PCS

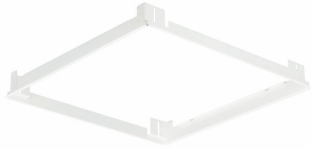
Product details



FlexBlend Recessed-
RC340B_MLO_DPP



FlexBlend Recessed-
RC340B_W60L60_Backcover_V
PC



FlexBlend Recessed-
RC340B_W60L60_CPC
brackets



FlexBlend Recessed-
RC340B_W60L60_CPC
brackets_B



FlexBlend Recessed-
RC340B_OPA_ DPP



FlexBlend Recessed-
RC340B_PCS_ DPP



0_FlexBlend Recessed-
RC340B_W60L60_PCS_VPC



FlexBlend Recessed-
RC340B_W60L60_CPC
brackets_A



FlexBlend Recessed RC340B
PIP Open



0_FlexBlend Recessed-
RC340B_W60L60_MLO_VPC



0_FlexBlend Recessed-
RC340B_W60L60_MLO_CPC



FlexBlend Recessed-RC340B
PIP Closed



FlexBlend Recessed-
RC340B_W60L60_backcover_C
PC

General Information

Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Light Technical

Correlated Colour Temperature (Nom)	4000 K
Colour 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 Colour	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)	1
Stroboscopic effect	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 5,000 hours	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 Flux	Luminous efficacy (rated) (nom.)
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	3,600 lm	95 lm/W
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	3,600 lm	95 lm/W
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	3,600 lm	138 lm/W
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	3,600 lm	95 lm/W
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	3,600 lm	126 lm/W
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	3,600 lm	138 lm/W
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	3,600 lm	138 lm/W
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	3,600 lm	95 lm/W
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	4,200 lm	138 lm/W
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	3,600 lm	138 lm/W
910925866966	RC340B 36S/940 PSE W60L60 VPC O	3,600 lm	126 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	38 W	Yes
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	37 W	No
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	26 W	No

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	38 W	Yes
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	28.5 W	Yes
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	26 W	Yes
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	26 W	Yes
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	38 W	Yes
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	30.5 W	Yes
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	26 W	Yes
910925866966	RC340B 36S/940 PSE W60L60 VPC O	28.5 W	Yes

Controls and Dimming

Order Code	Full Product Name	Dimmable
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	Yes
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	No
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	No
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	Yes
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	Yes
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	No
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	Yes
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	Yes
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	Yes
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	Yes
910925866966	RC340B 36S/940 PSE W60L60 VPC O	No

Mechanical and Housing

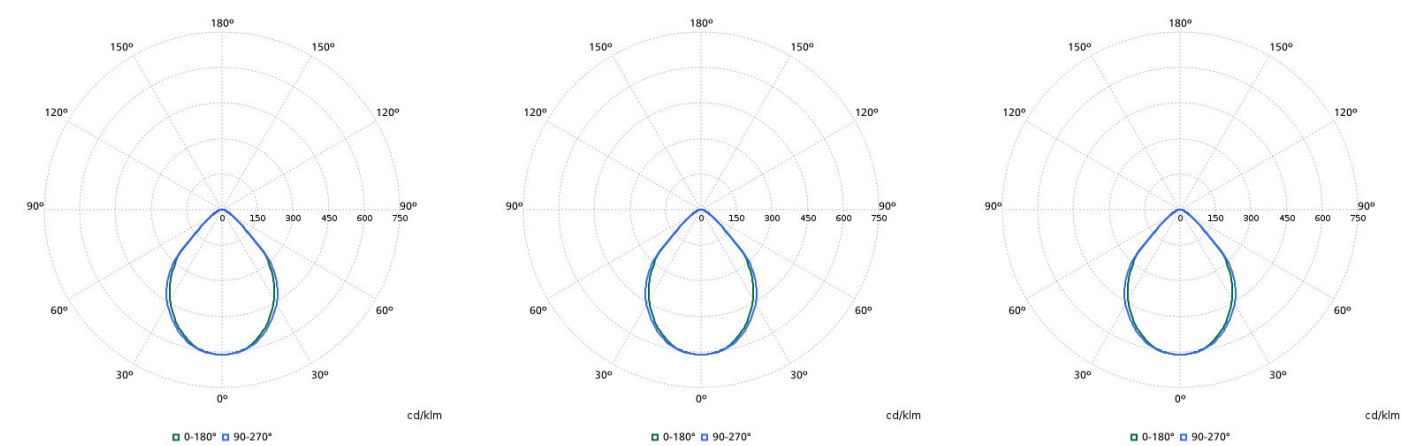
Order Code	Full Product Name	Ingress protection code
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	IP20/40
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	IP20
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	IP20/54
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	IP20/40
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	IP20/54
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	IP20/54
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	IP20/54
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	IP20/40
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	IP20/54
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	IP20/54
910925866966	RC340B 36S/940 PSE W60L60 VPC O	IP20/54

Approval and Application

Order Code	Full Product Name	Glow-wire test
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	Temperature 650 °C, duration 30 s
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	Temperature 850 °C, duration 30 s
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	Temperature 650 °C, duration 30 s
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	Temperature 850 °C, duration 30 s
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	Temperature 650 °C, duration 30 s
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	Temperature 850 °C, duration 30 s
910925866966	RC340B 36S/940 PSE W60L60 VPC O	Temperature 850 °C, duration 30 s

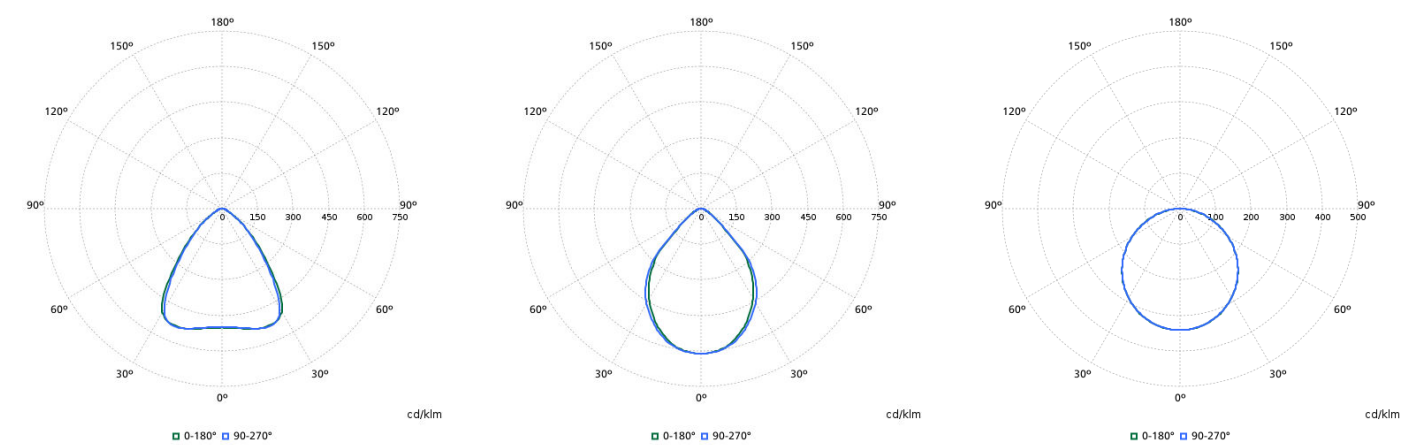
Polar normal diagrams



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RC340BI - 910925866969

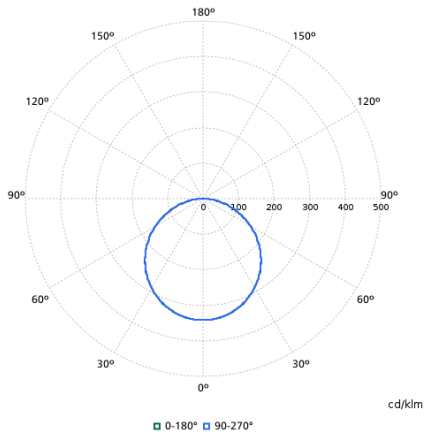
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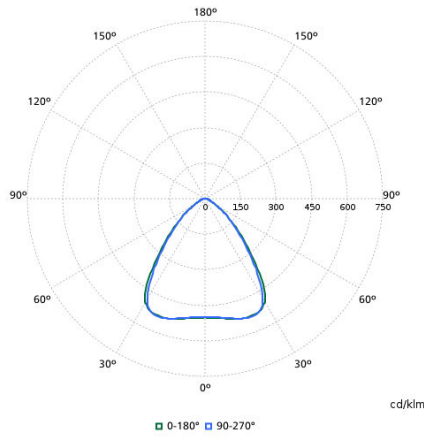
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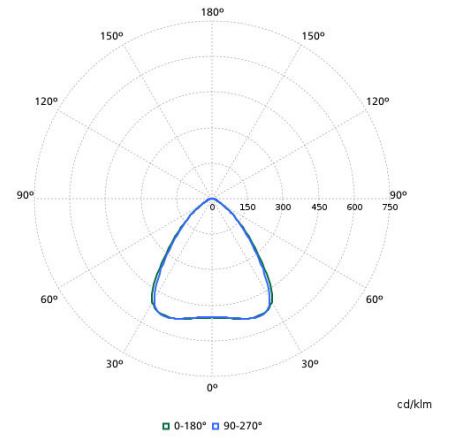
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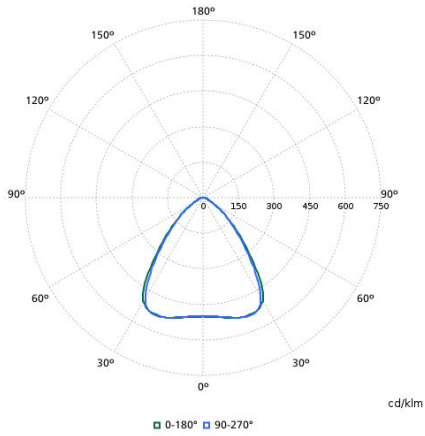
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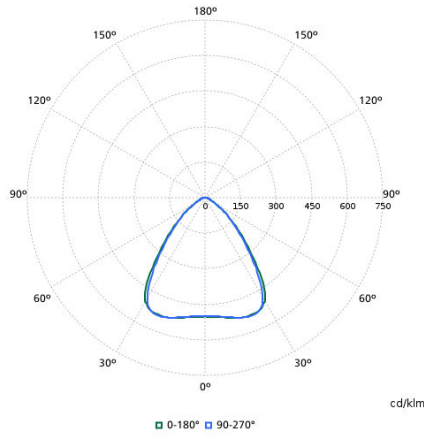
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RC340BI - 910925866972



RC340BI - 910925867004



RC340BI - 910925868916