

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



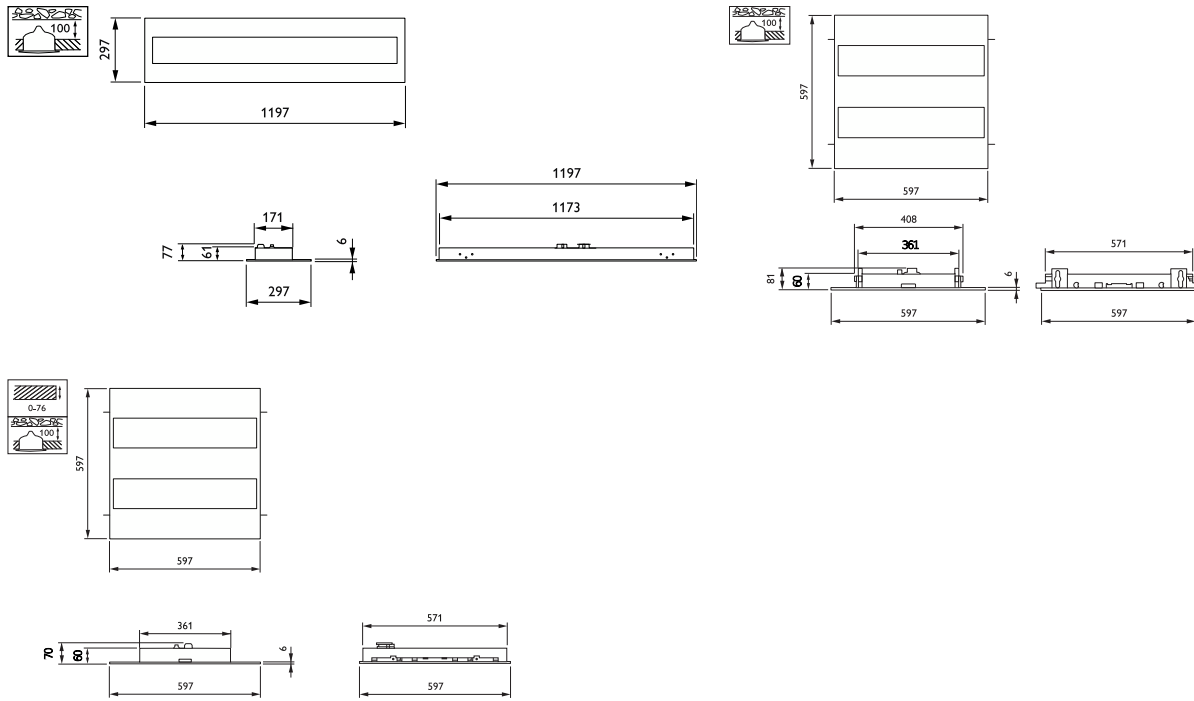
FlexBlend Recessed RC340B
W60L60 MLO CPC



FlexBlend Recessed RC340B
W60L60 MLO VPC

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Dimensional drawing



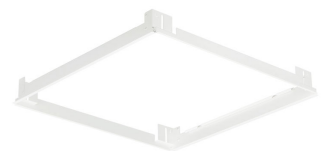
Product details



FlexBlend Recessed-
RC340B_MLO_DPP



FlexBlend Recessed-
RC340B_W60L60_Backcover_VP
C



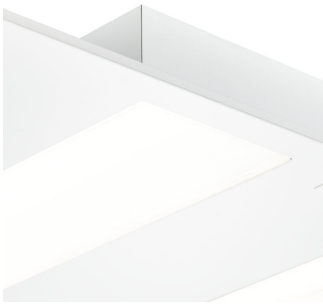
FlexBlend Recessed-
RC340B_W60L60_CPC brackets



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

FlexBlend Recessed

Product details

FlexBlend Recessed-
RC340B_W60L60_backcover_CP
C



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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%
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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
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Light Technical

Order Code	Full Product Name	Luminous efficacy (rated)	
		(nom.)	Luminous Flux
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	95 lm/W	3,600 lm
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	95 lm/W	3,600 lm
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	138 lm/W	3,600 lm
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	95 lm/W	3,600 lm
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	126 lm/W	3,600 lm
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	138 lm/W	3,600 lm
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	138 lm/W	3,600 lm
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	95 lm/W	3,600 lm
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	138 lm/W	4,200 lm
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	138 lm/W	3,600 lm
910925866966	RC340B 36S/940 PSE W60L60 VPC O	126 lm/W	3,600 lm

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

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	26 W	No
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	38 W	Yes

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Order Code	Full Product Name	Power Consumption	Suitable for random switching
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

Order Code	Full Product Name	Power Consumption	Suitable for random switching
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	Embedded control
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	Yes	-
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	No	Upgradable sensor slot with SC200 sensor
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	No	Upgradable sensor slot with SC200 sensor
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	Yes	-
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	Yes	-

Order Code	Full Product Name	Dimmable	Embedded control
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

Order Code	Full Product Name	Ingress protection code
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

Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	Yes	DC operated central emergency lighting
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	Yes	DC operated central emergency lighting
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	Yes	DC operated central emergency lighting
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	Yes	DC operated central emergency lighting
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	Yes	DC operated central emergency lighting
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	-	-

Order Code	Full Product Name	Central Emergency	Emergency lighting
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	Yes	DC operated central emergency lighting
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	Yes	DC operated central emergency lighting
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	Yes	DC operated central emergency lighting
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	Yes	DC operated central emergency lighting
910925866966	RC340B 36S/940 PSE W60L60 VPC O	-	-

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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
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

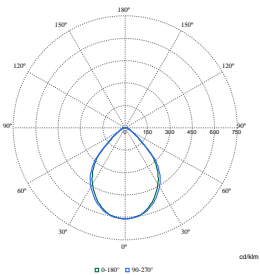
Order Code	Full Product Name	Glow-wire test
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	Temperature 650 °C, duration 30 s
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925867045	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

Over Time Performance (IEC Compliant)

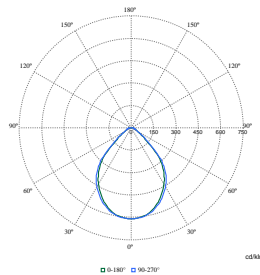
Order Code	Full Product Name	Driver failure rate at 5,000 hours
910925866979	RC340B 36S/940 DEIA W30L120 VPC MLO	0.01 %
910925868914	RC340B 36S/940 SEIA W60L60 VPC MLO U4	-
910925868916	RC340B 36S/940 SEIA W60L60 VPC PCS U4	-
910925866969	RC340B 36S/940 DEIA W60L60 VPC MLO	0.01 %
910925866967	RC340B 36S/940 DEIA W60L60 VPC O	0.01 %
910925866972	RC340B 36S/940 PSE W60L60 VPC PCS	0.01 %

Order Code	Full Product Name	Driver failure rate at 5,000 hours
910925866973	RC340B 36S/940 DEIA W60L60 VPC PCS	0.01 %
910925866977	RC340B 36S/940 DEIA W60L60 CPC MLO	0.01 %
910925867004	RC340B 42S/940 DEIA W60L60 VPC PCS	0.01 %
910925867045	RC340B 36S/940 DEIA W60L60 CPC PCS	0.01 %
910925866966	RC340B 36S/940 PSE W60L60 VPC O	0.01 %

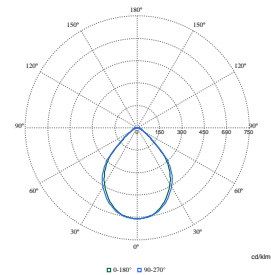
Polar Wide Diagrams



Polar Normal (separate) - RC340BI - 910925868914



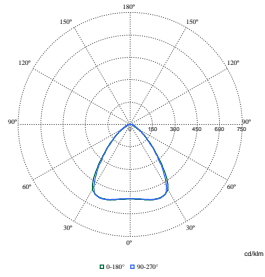
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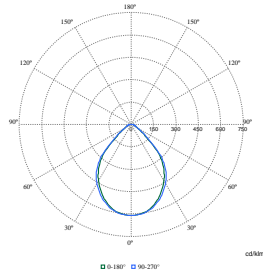
Polar Normal (separate) - RC340BI - 910925866979

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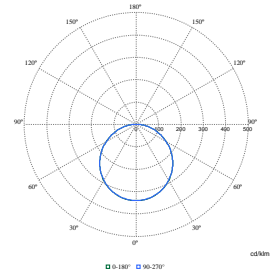
Polar Wide Diagrams



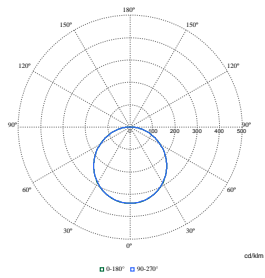
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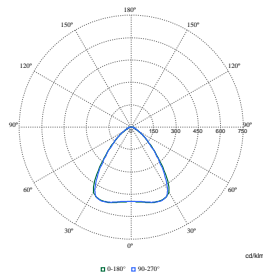
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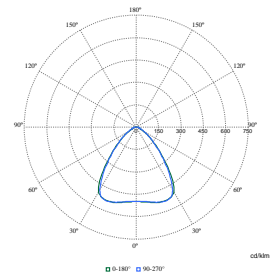
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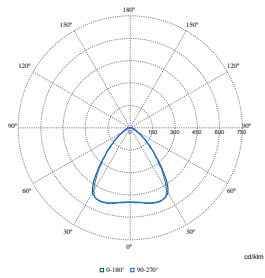
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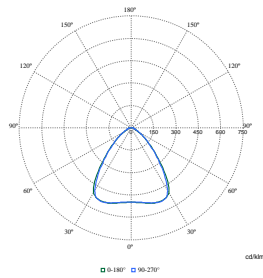
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Polar Normal (separate) - RC340BI - 910925866972



Polar Normal (separate) - RC340BI - 910925867004



Polar Normal (separate) - RC340BI - 910925868916

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