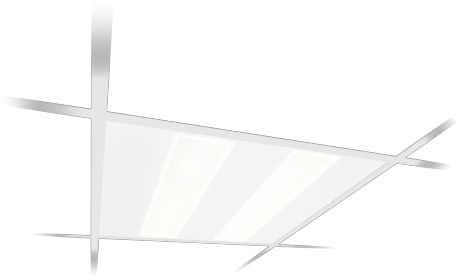
PHILIPS

Lighting



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

FlexBlend Recessed

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
W15L120 MLO VPC



FlexBlend Recessed-RC340B
W30L120 MLO VPC



Upradable sensor

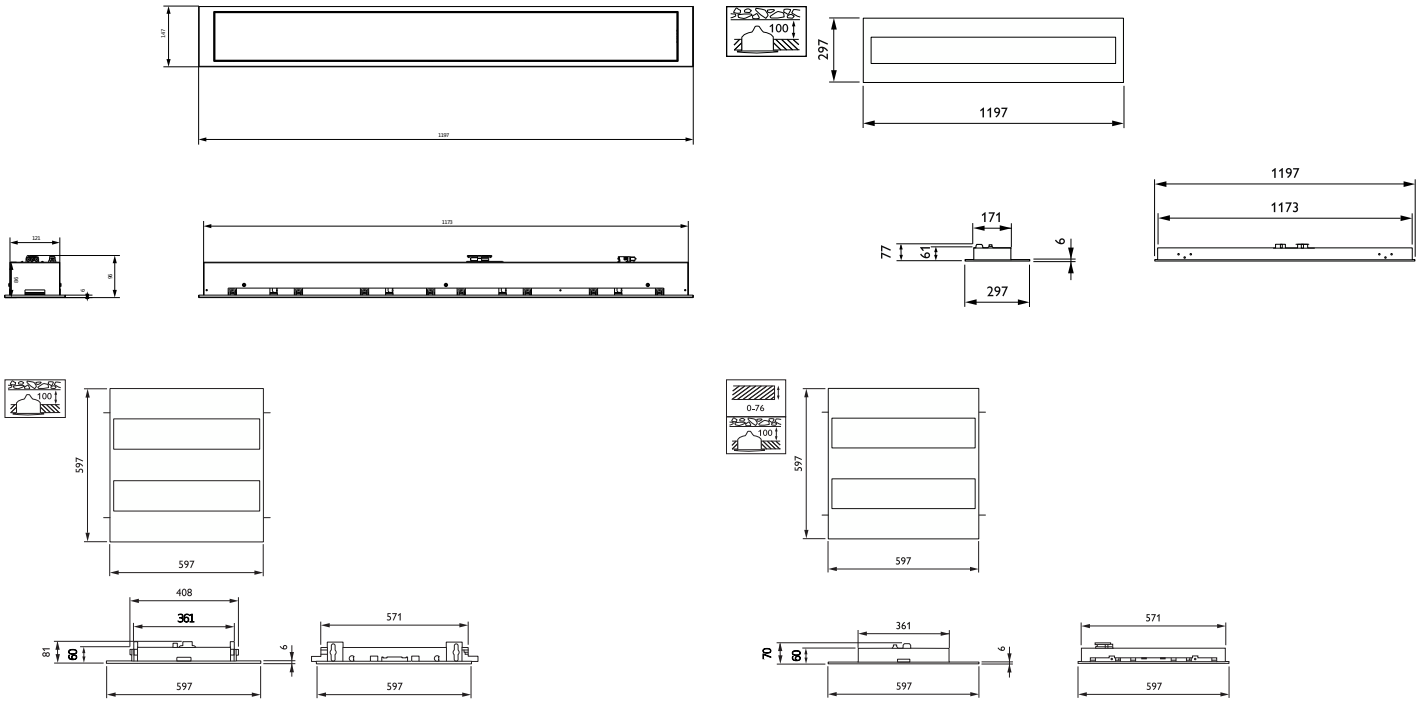


FlexBlend Recessed RC340B
W60L60 MLO CPC



FlexBlend Recessed RC340B
W60L60 MLO VPC

Dimensional drawing



Product details



FlexBlend Recessed-RC340B_MLO_ DPP



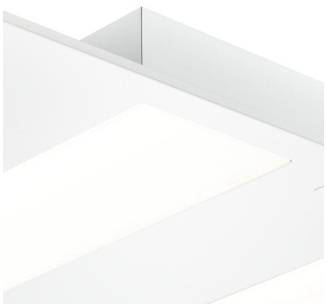
FlexBlend Recessed-RC340B_W60L60_Backcover_VPC

FlexBlend Recessed-RC340B_W60L60_CPC brackets



FlexBlend Recessed-RC340B_W60L60_CPC brackets_B

Product details



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



FlexBlend Recessed-
RC340B_W60L60_backcover_PC
V



0_FlexBlend Recessed-
RC340B_W60L60_MLO_VPC



0_FlexBlend Recessed-
RC340B_W60L60_MLO_CPC

FlexBlend Recessed

Product details



FlexBlend Recessed-RC340B PIP Closed



FlexBlend Recessed-RC340B_W60L60_backcover_CPC

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

General Information

Order Code	Full Product Name	Glow-wire test	Embedded control
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	Temperature 650 °C, duration 30 s	-
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	Temperature 650 °C, duration 30 s	-
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	Temperature 650 °C, duration 30 s	-
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	Temperature 650 °C, duration 30 s	-
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	Temperature 650 °C, duration 30 s	-
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	Temperature 650 °C, duration 30 s	-
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	Temperature 650 °C, duration 30 s	Upgradable sensor slot with SNS210 sensor
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	Temperature 850 °C, duration 30 s	Upgradable sensor slot with SNS210 sensor
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	Temperature 650 °C, duration 30 s	-
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	Temperature 850 °C, duration 30 s	-
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	Temperature 850 °C, duration 30 s	-
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	Temperature 850 °C, duration 30 s	-
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	Temperature 650 °C, duration 30 s	-
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	Temperature 850 °C, duration 30 s	-
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	Temperature 850 °C, duration 30 s	-
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	Temperature 650 °C, duration 30 s	-
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	Temperature 650 °C, duration 30 s	-

Order Code	Full Product Name	Glow-wire test	Embedded control
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	Temperature 650 °C, duration 30 s	-
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	Temperature 650 °C, duration 30 s	-

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	96 lm/W	3,600 lm
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	97.5 lm/W	3,600 lm
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	88 lm/W	3,600 lm
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	86.5 lm/W	3,600 lm
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	96 lm/W	3,600 lm
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	97.5 lm/W	3,600 lm
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	97.5 lm/W	3,600 lm
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	141 lm/W	3,600 lm
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	97.5 lm/W	3,600 lm
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	124 lm/W	3,600 lm

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	144 lm/W	3,600 lm
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	144 lm/W	3,600 lm
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	97.5 lm/W	3,600 lm
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	144 lm/W	3,600 lm
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	120 lm/W	3,600 lm
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	86.5 lm/W	3,600 lm
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	94.5 lm/W	4,200 lm
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	96 lm/W	3,600 lm
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	97.5 lm/W	3,600 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	37.5 W
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	37 W
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	41 W
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	41.5 W
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	37.5 W
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	37 W
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	37 W
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	25.5 W
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	37 W
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	29 W

Order Code	Full Product Name	Power Consumption
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	25 W
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	25 W
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	37 W
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	25 W
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	30 W
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	41.5 W
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	44.5 W
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	37.5 W
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	37 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	No
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	Yes
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	No

Order Code	Full Product Name	Dimmable
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	Yes
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	Yes
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	Yes

Order Code	Full Product Name	Dimmable
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	Yes
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	Yes
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	Yes
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	Yes
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	No
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	Yes
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	Yes

Order Code	Full Product Name	Dimmable
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	Yes
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	No
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	Yes
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	Yes
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	No
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	Yes

Approval and Application

Order Code	Full Product Name	Ingress protection code
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	IP20
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	IP20
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	IP20
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	IP20
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	IP20
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	IP20
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	IP20
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	IP54
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	IP20
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	IP54

Order Code	Full Product Name	Ingress protection code
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	IP54
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	IP54
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	IP20
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	IP54
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	IP54
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	IP20
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	IP20
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	IP20
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	IP20

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	(0.38, 0.37) SDCM <3
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	(0.38, 0.37) SDCM <3
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	(0.38, 0.37) SDCM <3
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	(0.38, 0.37) SDCM <3
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	(0.38, 0.37) SDCM <3
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	(0.38, 0.37) SDCM <3
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	0.38,0.37
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	0.38,0.37
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	(0.38, 0.37) SDCM <3
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	(0.38, 0.37) SDCM <3

Order Code	Full Product Name	Initial chromaticity
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	(0.38, 0.37) SDCM <3
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	(0.38, 0.37) SDCM <3
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	(0.38, 0.37) SDCM <3
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	(0.38, 0.37) SDCM <3
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	(0.38, 0.37) SDCM <3
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	(0.38, 0.37) SDCM <3
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	(0.38, 0.37) SDCM <3
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	(0.38, 0.37) SDCM <3
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	(0.38, 0.37) SDCM <3

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5,000 hours
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	0.01 %
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	0.01 %
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	0.01 %
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	0.01 %
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	0.01 %
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	0.01 %
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	-
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	-
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	0.01 %
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	0.01 %

Order Code	Full Product Name	Driver failure rate at 5,000 hours
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	0.01 %
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	0.01 %
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	0.01 %
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	0.01 %
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	0.01 %
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	0.01 %
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	0.01 %
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	0.01 %
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	0.01 %

FlexBlend Recessed

Application Conditions

Order Code	Full Product Name	Suitable for random switching
10277400	RC340B LED36S/940 PSU W15L120 VPC MLO PI	Yes
10278100	RC340B LED36S/940 PSD W15L120 VPC MLO PI	Yes
10281100	RC340B LED36S/940 PSU W15L120 VPC MLO EL	Yes
10282800	RC340B LED36S/940 PSD W15L120 VPC MLO EL	Yes
10286600	RC340B LED36S/940 PSD W15L120 VPC MLO EL	Yes
10242200	RC340B LED36S/940 PSD W30L120 VPC MLO PI	Yes
70826600	RC340B LED36S/940 SRD W60L60 VPC MLO U4	No
70828000	RC340B LED36S/940 SRD W60L60 VPC PCS U4	No
10232300	RC340B LED36S/940 PSD W60L60 VPC MLO PIP	Yes
10230900	RC340B LED36S/940 PSD W60L60 VPC O PIP	Yes

Order Code	Full Product Name	Suitable for random switching
10235400	RC340B LED36S/940 PSU W60L60 VPC PCS PIP	Yes
10236100	RC340B LED36S/940 PSD W60L60 VPC PCS PIP	Yes
10240800	RC340B LED36S/940 PSD W60L60 CPC MLO PIP	Yes
10307800	RC340B LED36S/940 PSD W60L60 CPC PCS PIP	Yes
10229300	RC340B LED36S/940 PSU W60L60 VPC O PIP	Yes
10252100	RC340B LED36S/940 PSD W60L60 VPC MLO ELP	Yes
10262000	RC340B LED42S/940 PSD W60L60 VPC MLO PIP	Yes
10231600	RC340B LED36S/940 PSU W60L60 VPC MLO PIP	Yes
10241500	RC340B LED36S/940 PSD W60L60 PCV MLO PIP	Yes

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