



FlexBlend Recessed

RC342B LED42S/940 PSD W31L125 VPC PCS PI

FLEXBLEND RECESSED, module 625, 940 neutral white, Power supply unit with DALI interface, Plug-in connector 3-pole Wieland/Adels compatible

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

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Product family code	RC342B [FLEXBLEND RECESSED,
	module 625]
Lighting Technology	LED

Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s

Datasheet, 2023, September 22 data subject to change

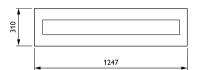
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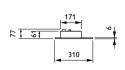
EII Doll'S compliant	Yes
EU RoHS compliant	Tes
Light Technical	
Luminous Flux	4,200 lumen
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	≥90
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	120 degree(s)
Light source color	940 neutral white
Optic type	Wide beam
Luminaire light beam spread	81° x 85°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	22 A
Inrush time	0.280 ms
	30.10/
Power Consumption	30 W
Power Consumption Power Factor (Fraction)	0.9
Power Factor (Fraction)	0.9
Power Factor (Fraction)	0.9 Plug-in connector 3-pole Wieland/Adels
Power Factor (Fraction) Connection	0.9 Plug-in connector 3-pole Wieland/Adels
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	0.9 Plug-in connector 3-pole Wieland/Adels compatible
Power Factor (Fraction) Connection Cable	0.9 Plug-in connector 3-pole Wieland/Adels compatible
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	0.9 Plug-in connector 3-pole Wieland/Adels compatible
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range	0.9 Plug-in connector 3-pole Wieland/Adels compatible - 24
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming	0.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable	0.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	0.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	0.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	0.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	0.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	O.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	O.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	O.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	O.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material	O.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Fixation material	O.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate Stainless steel
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material	O.9 Plug-in connector 3-pole Wieland/Adels compatible - 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate

Overall length	1,247 mm
Overall width	309.5 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 310 x 1247 mm
Approval and Application	
Ingress protection code	IP54 [Dust accumulation-protected,
	splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.37) SDCM <3
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant	()
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life*	L80
Lumen maintenance at median useful life* 100000 h	L80
	L80
	L80
100000 h	1%
Application Conditions	
Application Conditions Maximum dim level	1%
Application Conditions Maximum dim level Performance ambient temperature Tq	1% 25 °C
Application Conditions Maximum dim level Performance ambient temperature Tq	1% 25 °C
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching	1% 25 °C
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data	1% 25 °C Yes
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data Full product code	1% 25 °C Yes 871951410424200
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Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name	1% 25 °C Yes 871951410424200 RC342B LED42S/940 PSD W31L125 VPC PCS PI
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code	1% 25 °C Yes 871951410424200 RC342B LED42S/940 PSD W31L125 VPC PCS PI 910925867163
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack	1% 25 °C Yes 871951410424200 RC342B LED42S/940 PSD W31L125 VPC PCS PI 910925867163 1
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	1% 25 °C Yes 871951410424200 RC342B LED42S/940 PSD W31L125 VPC PCS PI 910925867163 1 1
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material Nr. (12NC)	1% 25 °C Yes 871951410424200 RC342B LED42S/940 PSD W31L125 VPC PCS PI 910925867163 1 1 910925867163
Application Conditions Maximum dim level Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material Nr. (12NC)	1% 25 °C Yes 871951410424200 RC342B LED42S/940 PSD W31L125 VPC PCS PI 910925867163 1 1 910925867163 RC342B LED42S/940 PSD W31L125 VPC
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Dimensional drawing









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