



FlexBlend Recessed

RC342B LED36S/940 SRD W31L125 VPC PCS U4

RC342B | FLEXBLEND RECESSED, module 625 - 940 neutral white - Power supply unit with DALI and SystemReady interface, Interact ready - Push-in connector 3-pole

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	Warranty period	5 years
CE mark	Yes	Product family code	RC342B [FLEXBLEND RECESSED, module 625]
Number of gear units	1 unit	Connectivity	Interact Ready
Driver included	Yes	Lighting Technology	LED
Flammability mark	For mounting on normally flammable surfaces	ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s	EU RoHS compliant	Yes

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Value ladder	Performance
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Application Conditions

Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Light Technical

Luminous Flux	3,600 lumen
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 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

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	21 A
Inrush time	280 ms
Power Consumption	25 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface, Interact ready
Control interface	InterAct office
Constant light output	No

Mechanical and Housing

Housing Material	Steel
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Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Color	White RAL 9003
Optical cover/lens finish	Textured
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
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
100000 h	

Product Data

Full product code	871951470835800
Order product name	RC342B LED36S/940 SRD W31L125 VPC PCS U4
Order code	910925868923
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925868923
Full product name	RC342B LED36S/940 SRD W31L125 VPC PCS U4
EAN/UPC - Case	8719514708358

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Dimensional drawing

