



FlexBlend Recessed

RC342B LED28S/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
Value laudei	1 errormance
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

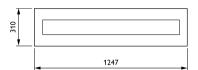
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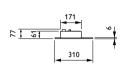
FU D-UCl't	V
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,800 lumen
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	≥90
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	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
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	compatible
Cable Number of products on MCR of 16 A type R	-
Cable Number of products on MCB of 16 A type B	compatible - 24
Number of products on MCB of 16 A type B	-
Number of products on MCB of 16 A type B Temperature	24
Number of products on MCB of 16 A type B	-
Number of products on MCB of 16 A type B Temperature Ambient temperature range	24
Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming	- 24 +10 to +40 °C
Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable	- 24 +10 to +40 °C
Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	+10 to +40 °C Yes Power supply unit with DALI interface
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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	- 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel
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	+10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate
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	+10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate
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	+10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate
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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	- 24 +10 to +40 °C Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate Stainless steel

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	IKO2 [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	2)
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*	L85
100000 h	
Application Conditions	
Maximum dim level	1%
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes
Product Data	
Full product code	871951410422800
Order product name	RC342B LED28S/940 PSD W31L125 VPC
	PCS PI
Order code	910925867161
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925867161
Full product name	RC342B LED28S/940 PSD W31L125 VPC
	PCS PI
EAN/UPC - Case	8719514104228
EAN/UPC - Product/Case	8719514104228

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Dimensional drawing









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