



FlexBlend Recessed

RC340B LED42S/940 PSU W60L60 CPC PCS PIP

FlexBlend Recessed, 30 W, 600x600 mm, CPC, 4200 lm, 4000 K, CRI≥90, UGR19

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	RC340B [FLEXBLEND RECESSED,	
	module 600]	
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	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	4,200 lm	
Saturated Red (R9)	>50	

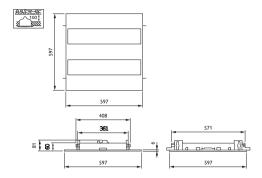
Datasheet, 2024, January 31 data subject to change

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Correlated Color Temperature (Nom)	4000 K	Compatible ceiling or ceiling installation	Concealed profile ceiling version
Luminous Efficacy (rated) (Nom)	140 lm/W	accessory type	
Color rendering index (CRI)	≥90	Annual and Analization	
Flickering value (PstLM) - Flickering value as	1	Approval and Application	105110
per EN 61000-3-3		Ingress protection code	IP54 [Dust accumulation-protected,
Stroboscopic effect visibility measure (SVM)	0.4		splash-proof]
Beam angle of light source	120 degree(s)	Mech. impact protection code	IK02 [0.2 J standard]
Light source color	940 neutral white	Sustainability rating	-
Optic type	Wide beam	Protection class IEC	Safety class I
Luminaire light beam spread	81° x 85°	Photobiological risk	Photobiological risk group 0 @200mm
Unified glare rating CEN	19		to EN62778
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-10%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.37) SDCM <3
Initial CLO power consumption	- W	Power consumption tolerance	+/-10%
Average CLO power consumption	- W	·	
Inrush current	22 A	Over Time Performance (IEC Compliant)	
Inrush time	0.282 ms	Driver failure rate at 5000 h	0.01 %
Power Consumption	30 W	Control gear failure rate at median useful life	5 %
Power Factor (Fraction)	0.9	50000 h	
Connection	Push-in connector and pull relief	Lumen maintenance at median useful life*	L85
Cable	-	50000 h	
Number of products on MCB of 16 A type B	24	Lumen maintenance at median useful life*	L80
		100000 h	
Temperature			
Ambient temperature range	+10 to +40 °C	Application Conditions	
		Performance ambient temperature Tq	25 °C
Controls and Dimming		Maximum dim level	1%
Dimmable	No	Suitable for random switching	Yes
Driver/power unit/transformer	Power supply unit (On/Off)		
Control interface		Product Data	
Constant light output	No	Order product name	RC340B LED42S/940 PSU W60L60
			CPC PCS PIP
Mechanical and Housing		Full product name	RC340B LED42S/940 PSU W60L60
Housing Material	Steel		CPC PCS PIP
	Jieei		
Reflector material	Polycarbonate	Full product code	871951410311500
	,	Full product code Order code	871951410311500 910925867049
Reflector material	Polycarbonate		
Reflector material Optic material	Polycarbonate Polycarbonate	Order code	910925867049
Reflector material Optic material Optical cover material	Polycarbonate Polycarbonate Polycarbonate	Order code Material Nr. (12NC)	910925867049 910925867049
Reflector material Optic material Optical cover material Fixation material	Polycarbonate Polycarbonate Polycarbonate Stainless steel	Order code Material Nr. (12NC) Numerator - Quantity Per Pack	910925867049 910925867049 1
Reflector material Optic material Optical cover material Fixation material Housing Color	Polycarbonate Polycarbonate Polycarbonate Stainless steel White	Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	910925867049 910925867049 1 8719514103115
Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish	Polycarbonate Polycarbonate Polycarbonate Stainless steel White Structured optic	Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	910925867049 910925867049 1 8719514103115
Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish Overall length	Polycarbonate Polycarbonate Polycarbonate Stainless steel White Structured optic 597 mm	Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	910925867049 910925867049 1 8719514103115
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Dimensional drawing





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