PHILIPS Lighting



FlexBlend Recessed

RC342B LED28S/940 PSD W62L62 VPC PCS PIP

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
Lighting Technology	

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

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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	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
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

+10 to +40 °C

Dimensions (Height x Width x Depth)	60 x 622 x 622 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)	

622 mm

622 mm

60 mm

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*	L85	
100000 h		
Application Conditions		

Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Overall length

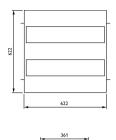
Overall width

Overall height

Full product code	871951410419800
Order product name	RC342B LED28S/940 PSD W62L62 VPC
	PCS PIP
Order code	910925867158
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925867158
Full product name	RC342B LED28S/940 PSD W62L62 VPC
	PCS PIP
EAN/UPC - Case	8719514104198
EAN/UPC - Product/Case	8719514104198

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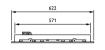
Dimensional drawing



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