FlexBlend Recessed

RC342B LED42S/940 PSD W15L125 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

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EU RoHS compliant	Yes

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
Power Consumption	30 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	+10 to +40 °C

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

Overall length	1,247 mm
Overall width	147 mm
Overall height	86 mm
Dimensions (Height x Width x Depth)	86 x 147 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 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

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

Product Data

Full product code	871951410427300
Order product name	RC342B LED42S/940 PSD W15L125 VPC PCS PI
Order code	910925867166
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910925867166
Full product name	RC342B LED42S/940 PSD W15L125 VPC PCS PI
EAN/UPC – Case	8719514104273
EAN/UPC – Product/Case	8719514104273

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Dimensional drawing

www.lighting.philips.com

2023, September 22 – data subject to change