FlexBlend Recessed

RC340B LED42S/940 PSU W15L120 VPC MLO PI

FlexBlend Recessed, 44 W, 1200x150 mm, VPC, 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 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	4,200 lm
Saturated Red (R9)	>50

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Correlated Color Temperature (Nom)	4000 K		Dimensions (Height x Width x Depth)	86 x 147 x 1197 mm
Luminous Efficacy (rated) (Nom)	95.5 lm/W		Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Color rendering index (CRI)	≥90			
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1			
Stroboscopic effect visibility measure (SVM)	0.4		**Approval and Application**	
Beam angle of light source	120 degree(s)		Ingress protection code	IP20 [Finger-protected]
Light source color	940 neutral white		Mech. impact protection code	IK02 [0.2 J standard]
Optic type	Wide beam		Sustainability rating	–
Luminaire light beam spread	81° x 85°		Protection class IEC	Safety class I
Unified glare rating CEN	19		Photobiological risk	Photobiological risk group 0 @200mm to EN62778

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	0.282 ms
Power Consumption	44 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Micro-lens optic
Overall length	1,197 mm
Overall width	147 mm
Overall height	86 mm

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80
Lumen maintenance at median useful life* 100000 h	L60

Application Conditions

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

Product Data

Order product name	RC340B LED42S/940 PSU W15L120 VPC MLO PI
Full product name	RC340B LED42S/940 PSU W15L120 VPC MLO PI
Full product code	871951410279800
Order code	910925867017
Material Nr. (12NC)	910925867017
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514102798
Numerator – Packs per outer box	1
EAN/UPC – Case	8719514102798

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Dimensional drawing