



FlexBlend Recessed

RC340B 42S/940 DIA W60L60 VPC MLO ELD3

FlexBlend Recessed, 45 W, 600x600 mm, VPC, 4200 lm, 4000 K, CRI>90, DALI, Interact Ready, UGR19, ELD3h

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		driver, control units, surge protection device, front cover and mechanical parts
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Sustainability rating	Unclassified
Service tag	Yes	Light Technical	
Lighting Technology	LED	Luminous Flux	4,200 lm
Value ladder	Performance	Saturated Red (R9)	>50
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable):	Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	93 lm/W

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Color rendering index (CRI)	>90
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 W
Average CLO power consumption	- W W
Inrush current	22 A
Inrush time	0.280 ms
Power Consumption	45 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
Suitable for random switching	Yes
Protection class IEC	Safety class I
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%
Connectivity	Interact Ready

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	597 mm
Overall width	597 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 597 x 597 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	3.870 kg

Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration with DALI interface
Emergency function testing method	Programmed automatic self testing via DALI or wireless lighting control system
Emergency lighting operation mode	Maintained

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM ≤3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

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 (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L60

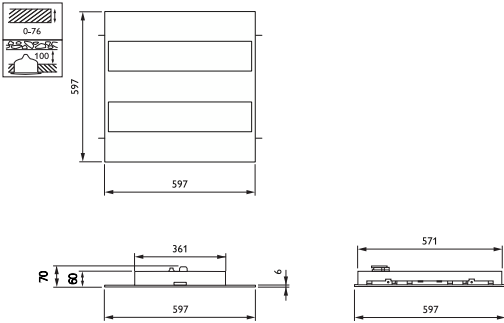
Product Data

Order product name	RC340B 42S/940 DIA W60L60 VPC MLO ELD3
Full product name	RC340B 42S/940 DIA W60L60 VPC MLO ELD3
Full product code	871951410272900
Order code	910925867010
Material Nr. (12NC)	910925867010
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514102729
Numerator - Packs per outer box	1

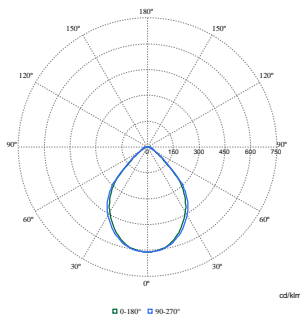
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EAN/UPC - Case	8719514102729
Product family code	RC340B [FLEXBLEND RECESSED, module 600]

Dimensional drawing



Photometric data



Polar Normal (separate) - RC340BI - 910925867010

