



# FlexBlend Recessed

## RC340B 36S/940 DEIA W60L60 PCV MLO

FlexBlend Recessed, 38 W, 600x600 mm, PCV, 3600 lm, 4000 K, CRI>90, DALI, Interact Ready, UGR19

600x600 mm, Plaster ceiling version, Steel, White, Signal white (RAL9003), Dali dimming Interact System ready external for central emergency lighting, 3600 lm, 38 W, 95 lm/W, 4000 K, (0.38, 0.37) SDCM  $\leq$ 3, CRI>90, UGR19, Wide beam, Micro-lens optic, Polycarbonate, IP20/40 | Finger-protected; Wire-protected, IK02 | 0.2 J standard, Safety class I, Push-in connector and pull relief, DC operated central emergency lighting

### Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical	
Luminous Flux	3,600 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	95 lm/W
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	38 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

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Protection class IEC	Safety class I
Total harmonic distortion	20 %

## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready external for central emergency lighting
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	Plaster ceiling version
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	5.080 kg

## Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

## 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
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## 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	L70

## Sustainability Data

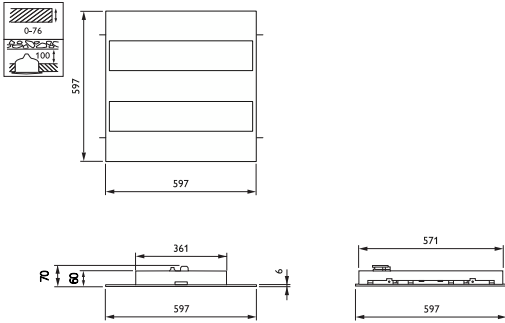
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

## Product Data

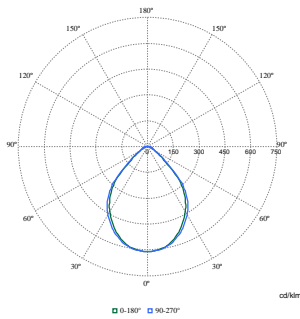
Order product name	RC340B 36S/940 DEIA W60L60 PCV MLO
Full product name	RC340B 36S/940 DEIA W60L60 PCV MLO
Full product code	871951410241500
Order code	10241500
Material Nr. (12NC)	910925866978
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514102415
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514102415
Product family code	RC340B [FLEXBLEND RECESSED, module 600]

# FlexBlend Recessed

## Dimensional drawing



## Photometric data



Polar Normal (separate) - RC340BI - 910925866978

