



# CoreLine Recessed

## RC134B LED37S/830 PSU W60L60 OC

Coreline Recessed - 830 warm white - Power supply unit

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe failure and product warranty will become void

### Product data

General Information		Flammability mark	F [ For mounting on normally flammable surfaces]
Light source colour	830 warm white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	PSU [ Power supply unit]	Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Driver included	Yes	Constant light output	No
Optic type	WB [ Wide beam]		
Luminaire light beam spread	81°		
Control interface	-		
Connection	PIP [ Push-in connector and pull relief]		
Cable	-		
Protection class IEC	Safety class I (I)		
Glow-wire test	850/30 [ Temperature 850 °C, duration 30 s]		

## CoreLine Recessed

Number of products on MCB (16 A type B)	24
EU RoHS compliant	Yes
Product family code	RC134B [ Coreline Recessed]
Unified glare rating CEN	19

### Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power factor (min.)	0.9

### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	41 mm
Colour	White
Dimensions (height x width x depth)	41 x 597 x 597 mm (1.6 x 23.5 x 23.5 in)

### Approval and Application

Ingress protection code	IP44 [ Wire-protected, splash-proof]
Mech. impact protection code	IK02 [ 0.2 J standard]

### Initial Performance (IEC Compliant)

Initial luminous flux	3700 lm
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Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	34.5 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L75

### Application Conditions

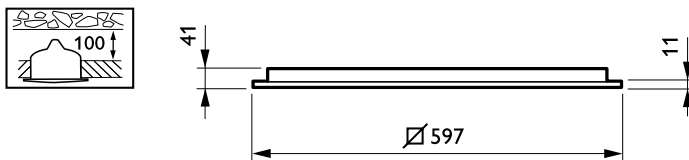
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Yes

### Product Data

Full product code	871869934831100
Order product name	RC134B LED37S/830 PSU W60L60 OC
EAN/UPC – product	8718699348311
Order code	34831100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925864789
SAP net weight (piece)	2.900 kg



## Dimensional drawing



CoreLine Recessed RC134B/RC135B

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