



CoreLine recessed

RC134B LED37S/830 PSU W60L60 OC

CoreLine recessed, 34.5 W, 600x600 mm, 3700 lm, 3000 K, UGR19

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 IPXO & as such is not protected against water ingress & as such 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 & product warranty will become void

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically
	there is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	RC134B [Coreline Recessed]

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
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,700 lm

Datasheet, 2023, August 3 data subject to change

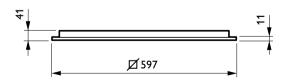
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Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	107 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	81°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	34.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Controls and Dimming Dimmable	No
	No Power supply unit (On/Off)
Dimmable	
Dimmable Driver/power unit/transformer	Power supply unit (On/Off)
Dimmable Driver/power unit/transformer	Power supply unit (On/Off)
Dimmable Driver/power unit/transformer Constant light output	Power supply unit (On/Off)
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing	Power supply unit (On/Off) No
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material	Power supply unit (On/Off) No Steel
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material	Power supply unit (On/Off) No Steel Polycarbonate
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit (On/Off) No Steel Polycarbonate Polycarbonate
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Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Power supply unit (On/Off) No Steel Polycarbonate Polycarbonate Polycarbonate -

Overall width	597 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 597 x 597 mm
Approval and Application	
Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-8%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L75
50000 h	
Application Conditions	
Performance ambient temperature Tq	25℃
Suitable for random switching	Yes
Product Data	
Order product name	RC134B LED37S/830 PSU W60L60 OC
Full product name	RC134B LED37S/830 PSU W60L60 OC
Full product code	871869934831100
Order code	34831100
Material Nr. (12NC)	910925864789
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699348311
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699348311

Dimensional drawing





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