



CoreLine recessed

RC134B LED37S/840 PSU W60L60 NOC

CoreLine recessed, 34 W, 600x600 mm, 3700 lm, 4000 K

Philips CoreLine recessed delivers on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. It's a high-quality recessed LED that's designed to replace existing recessed luminaires with T8 or T5 technology. This CoreLine family also features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally-friendly and cost-saving solution. With a quick-connector or Wieland feature, CoreLine RC136B recessed luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are fully compatible with Interact gateways, sensors and software.

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
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Datasheet, 2023, December 4 data subject to change

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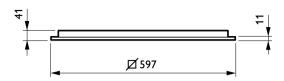
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Tachnical	
Light Technical	3.700 les
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	109 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	8 A
Inrush time	0.06 ms
Power Consumption	34 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	+10 to +40 °C
	+10 to +40 °C
Dimmable	+10 to +40 °C
Dimmable Driver/power unit/transformer	
	No
Driver/power unit/transformer	No Power supply unit (On/Off)
Driver/power unit/transformer	No Power supply unit (On/Off)
Driver/power unit/transformer Constant light output	No Power supply unit (On/Off)
Driver/power unit/transformer Constant light output Mechanical and Housing	No Power supply unit (On/Off) No
Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material	No Power supply unit (On/Off) No Steel

Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	597 mm
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	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
U.C. =00000 I	
life 50000 h	
Lumen maintenance at median useful life*	L75
	L75
Lumen maintenance at median useful life*	L75
Lumen maintenance at median useful life*	L75
Lumen maintenance at median useful life* 50000 h	L75
Lumen maintenance at median useful life* 50000 h Application Conditions	
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	25 ℃
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Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching	25 ℃
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data	25 °C Yes
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name	25 °C Yes RC134B LED37S/840 PSU W60L60 NOC
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name	25 °C Yes RC134B LED375/840 PSU W60L60 NOC RC134B LED375/840 PSU W60L60 NOC
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product code	25 °C Yes RC134B LED375/840 PSU W60L60 NOC RC134B LED375/840 PSU W60L60 NOC 871869934817500
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code	25 °C Yes RC134B LED37S/840 PSU W60L60 NOC RC134B LED37S/840 PSU W60L60 NOC 871869934817500 910925864775
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 °C Yes RC134B LED375/840 PSU W60L60 NOC RC134B LED375/840 PSU W60L60 NOC 871869934817500 910925864775 910925864775
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C Yes RC134B LED375/840 PSU W60L60 NOC RC134B LED375/840 PSU W60L60 NOC 871869934817500 910925864775 910925864775

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Dimensional drawing







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