



CoreLine recessed

RC134B LED37S/840 PSD W60L60 OC

CoreLine recessed, 31.5 W, 600x600 mm, 3700 lm, 4000 K, DALI, UGR19

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

Datasheet, 2023, December 4 data subject to change

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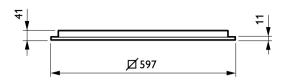
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
NEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
ight Technical	
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	4000 K
uminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
uminaire light beam spread	81°
Unified glare rating CEN	19
Operating and Electrical	
Operating and Electrical	220, 240 V
nput Voltage	220-240 V
ine Frequency nrush current	50 to 60 Hz
	22 A
nrush time	0.275 ms
ower Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
lumber of products on MCB of 16 A type	24
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Priver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
-parational	. or, carbonate

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 %
Control gear failure rate at median useful life 50000 h	5%
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life 50000 h	
life 50000 h Lumen maintenance at median useful life	
life 50000 h Lumen maintenance at median useful life	
life 50000 h Lumen maintenance at median useful life* 50000 h	
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	L75
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	L75
life 50000 h Lumen maintenance at median useful life's 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L75 25 °C 1%
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life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	L75 25 °C 1%
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	25 °C 1% Yes
life 50000 h Lumen maintenance at median useful life's 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	L75 25 °C 1% Yes RC134B LED37S/840 PSD W60L60 OC
life 50000 h Lumen maintenance at median useful life's 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	L75 25 °C 1% Yes RC134B LED37S/840 PSD W60L60 OC RC134B LED37S/840 PSD W60L60 OC
life 50000 h Lumen maintenance at median useful life's 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code	L75 25 °C 1% Yes RC134B LED375/840 PSD W60L60 OC RC134B LED375/840 PSD W60L60 OC 871869934804500
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life 50000 h Lumen maintenance at median useful life's 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	L75 25 °C 1% Yes RC134B LED37S/840 PSD W60L60 OC RC134B LED37S/840 PSD W60L60 OC 871869934804500 910925864762 910925864762 1 8718699348045

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Dimensional drawing







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