CoreLine recessed

RC134B LED37S/840 PSU W60L60 NOC

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

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.In addition, Coreline Recessed also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

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		Product family code	RC134B [Coreline Recessed]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	Unit	Value ladder	Performance
Driver included	Yes	CE mark	Yes
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.	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

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Light Technical

Luminous Flux	3,700 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	109 lm/W
Colour rendering index (CRI)	≥80
Light source colour	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 B	24

Temperature

Ambient temperature range	+10 to +40 ℃

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	–
Housing Colour	White
Optical cover/lens 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 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

Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes

Product Data

Order product name	RC134B LED37S/840 PSU W60L60 NOC
Full product name	RC134B LED37S/840 PSU W60L60 NOC
Full EOC	871869934817500
Order code	34817500
Material no. (12 NC)	910925864775
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699348175
Numerator – packs per outer box	1
EAN/UPC – Case	8718699348175

Dimensional drawing

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