

CoreLine recessed

RC134B LED37S/840 W60L60 IA1 NOC

CoreLine recessed, 35.4 W, 600x600 mm, 3700 lm, 4000 K, Wireless, Interact Ready

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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Product family code	RC134B [Coreline Recessed]
Connectivity	Interact Ready
Lighting Technology	LED
Value ladder	Performance
Embedded control	Interact SNS210 sensor
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
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	104.5 lm/W

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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	22 A
Inrush time	0.275 ms
Power Consumption	35.4 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 °C

Controls and Dimming

Dimmable	Wireless Dim
Driver/power unit/transformer	Power supply unit regulating external
Control interface	Wireless
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	IP20/44 [Finger-protected; 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)

Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L75

Application Conditions

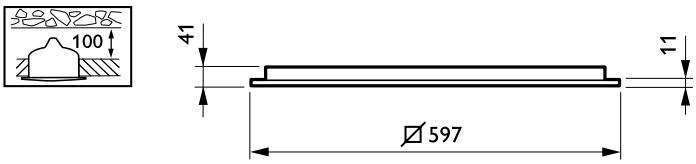
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	RC134B LED37S/840 W60L60 IA1 NOC
Full product name	RC134B LED37S/840 W60L60 IA1 NOC
Full EOC	871869699649200
Order code	99649200
Material no. (12 NC)	910925865170
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696996492
Numerator – packs per outer box	1
EAN/UPC - Case	8718696996492

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Dimensional drawing



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