# **PHILIPS** Lighting



# **CoreLine recessed**

# RC134B LED37S/840 PSU W30L120 NOC

CoreLine recessed, 34 W, 1200x300 mm, 3700 lm, 4000 K

Philips CoreLine recessed delivers on the CoreLine promise of innovative, easy-touse, 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			B10. Therefore, the median useful life (B50)
Light source replaceable	No		value also represents the B10 value.
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	RC134B [Coreline Recessed]
Remarks	*-Per Lighting Europe guidance paper	Lighting Technology	LED
	"Evaluating performance of LED based	Value ladder	Performance
	luminaires - January 2018": statistically there	CE mark	Yes
	is no relevant difference in lumen	Warranty period	5 years
	maintenance between B50 and for example		

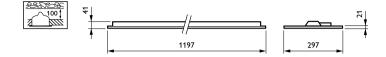
### **CoreLine recessed**

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 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		
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 material	Polycarbonate	

Fixation material	-	
Housing Color	White	
Optical cover finish	Textured	
Overall length	1,197 mm	
Overall width	297 mm	
Overall height	41 mm	
Dimensions (Height x Width x Depth)	41 x 297 x 1197 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 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 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	RC134B LED37S/840 PSU W30L120 NOC	
Full product name	RC134B LED37S/840 PSU W30L120 NOC	
Full product code	871869934818200	
Order code	910925864776	
Material Nr. (12NC)	910925864776	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699348182	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699348182	

## **CoreLine recessed**

#### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, December 4 - data subject to change