# **PHILIPS** Lighting



# **CoreLine recessed**

# RC134B LED37S/830 PSU W30L120 ELB3 NOC

CoreLine recessed, 38 W, 1200x300 mm, 3700 lm, 3000 K, ELB3h

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		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	Service tag
Remarks	*-Per Lighting Europe guidance paper	Product family code
	"Evaluating performance of LED based	Lighting Technology
	luminaires - January 2018": statistically there	Value ladder
	is no relevant difference in lumen	CE mark
		-

maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.

RC134B [Coreline Recessed]

Yes

LED Performance Yes

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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 Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	97 lm/W
Color rendering index (CRI)	≥80
ight source color	830 warm white
Dptic type	Wide beam
Luminaire light beam spread	93°
Jnified glare rating CEN	22
Operating and Electrical	
nput Voltage	220-240 V
ine Frequency	50 to 60 Hz
nrush current	8 A
nrush time	0.06 ms
Power Consumption	38 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
3	
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	(0.43, 0.40) SDCM <3

Initial chromaticity	(0.43, 0.40) SDCM <3	
Power consumption tolerance +/-10%		
Over Time Performance (IEC Compliant)		

Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	

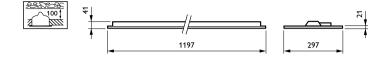
### Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data	
Order product name	RC134B LED37S/830 PSU W30L120 ELB3
	NOC
Full product name	RC134B LED37S/830 PSU W30L120 ELB3
	NOC
Full product code	871869934840300
Order code	910925864798
Material Nr. (12NC)	910925864798
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699348403
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699348403

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#### Dimensional drawing





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