



# **CoreLine recessed**

# RC134B LED37S/840 PSD W60L60 ELB3 NOC

CoreLine recessed, 39 W, 600x600 mm, 3700 lm, 4000 K, DALI, ELB3h

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 IPXO 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
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.	
Product family code	RC134B [Coreline Recessed]	
Lighting Technology	LED	
Value ladder	Performance	
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	

Datasheet, 2023, December 4 data subject to change

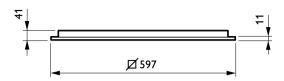
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EU RoHS compliant	Yes	Overall length	597 mm
		Overall width	597 mm
Light Technical		Overall height	41 mm
Luminous Flux	3,700 lm	Dimensions (height x width x depth)	41 x 597 x 597 mm
Correlated Colour Temperature	4000 K		
Luminous efficacy (rated) (nom.)	95 lm/W	Approval and Application	
Colour rendering index (CRI)	≥80	Ingress protection code	IP44 [Wire-protected, splash-proof]
Light source colour	840 neutral white	Mech. impact protection code	IK02 [0.2 J standard]
Optic type	Wide beam	Sustainability rating	-
Luminaire light beam spread	93°	Protection class IEC	Safety class I
Unified Glare Rating (CEN)	22		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-8%
Input Voltage	220-240 V	Initial chromaticity	(0.38, 0.38) SDCM <3
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Inrush current	22 A		
Inrush time	0.275 ms	Over Time Performance (IEC Compliant)	
Power Consumption	39 W	Control gear failure rate at median usefu	<b>l</b> 5%
Power Factor (Fraction)	0.9	life 50,000 h	
Connection	Push-in connector and pull relief	Lumen maintenance at median useful	L75
Cable	-	life* 50,000 h	
Number of products on MCB of 16 A type	24		
В		Application Conditions	
		Performance ambient temperature Tq	25 °C
Temperature		Maximum dim level	1% (no dimming in emergency mode)
Ambient temperature range	+10 to +40 °C	Suitable for random switching	Yes
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	RC134B LED37S/840 PSD W60L60 ELB3
Driver/power unit/transformer	Power supply unit with DALI interface		NOC
Control interface	DALI	Full product name	RC134B LED37S/840 PSD W60L60 ELB3
Constant light output	No		NOC
		Full EOC	871869934820500
Mechanical and Housing		Order code	34820500
Housing material	Steel	Material no. (12 NC)	910925864778
Reflector material	Polycarbonate	SAP numerator – quantity per pack	1
Optic material	Polycarbonate	EAN/UPC — Product/Case	8718699348205
Optical cover/lens material	Polycarbonate	Numerator – packs per outer box	1
Fixation material	-	EAN/UPC - Case	8718699348205
Housing Colour	White		
Optical cover/lens finish	Textured		

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## Dimensional drawing







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