



# **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.

### **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
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
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
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,700 lm

Datasheet, 2023, August 3 data subject to change

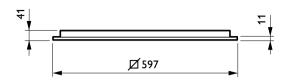
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Correlated Color Temperature (Nom)	4000 K	Overall height	41 mm
Luminous Efficacy (rated) (Nom)	95 lm/W	Dimensions (Height x Width x Depth)	41 x 597 x 597 mm
Color rendering index (CRI)	≥80		
Light source color	840 neutral white	Approval and Application	
Optic type	Wide beam	Ingress protection code	IP44 [Wire-protected, splash-proof]
Luminaire light beam spread	93°	Mech. impact protection code	IK02 [0.2 J standard]
Unified glare rating CEN	22	Sustainability rating	-
		Protection class IEC	Safety class I
Operating and Electrical			
Input Voltage	220-240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-8%
Inrush current	22 A	Initial chromaticity	(0.38, 0.38) SDCM <3
Inrush time	0.275 ms	Power consumption tolerance	+/-10%
Power Consumption	39 W		
Power Factor (Fraction)	0.9	Over Time Performance (IEC Compliant)	
Connection	Push-in connector and pull relief	Control gear failure rate at median useful	5 %
Cable	-	life 50000 h	
Number of products on MCB of 16 A type	24	Lumen maintenance at median useful	L75
В		life* 50000 h	
Temperature		Application Conditions	
Ambient temperature range	+10 to +40 °C	Performance ambient temperature Tq	25 ℃
		Maximum dim level	1% (no dimming in emergency mode)
Controls and Dimming		Suitable for random switching	Yes
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface	Product Data	
Control interface	DALI	Order product name	RC134B LED37S/840 PSD W60L60 ELB3
Constant light output	No		NOC
		Full product name	RC134B LED37S/840 PSD W60L60 ELB3
Mechanical and Housing			NOC
Housing Material	Steel	Full product code	871869934820500
Reflector material	Polycarbonate	Order code	34820500
Optic material	Polycarbonate	Material Nr. (12NC)	910925864778
Optical cover material	Polycarbonate	Numerator - Quantity Per Pack	1
Fixation material	-	EAN/UPC - Product/Case	8718699348205
Housing Color	White	Numerator - Packs per outer box	1
Optical cover finish	Textured	EAN/UPC - Case	8718699348205
Overall length	597 mm		
Overall width	597 mm		

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## Dimensional drawing







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