



CoreLine recessed

RC134B LED27S/830 PSD W60L60 OC

CoreLine recessed, 23 W, 600x600 mm, 2700 lm, 3000 K, DALI, UGR19

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

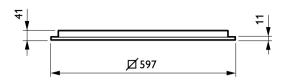
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EU RoHS compliant	Yes	Optical cover/lens finish	Textured	
		Overall length	597 mm	
Light Technical		Overall width	597 mm	
Luminous Flux	2,700 lm	Overall height	41 mm	
Correlated Colour Temperature	3000 K	Dimensions (height x width x depth)	41 x 597 x 597 mm	
Luminous efficacy (rated) (nom.)	117 lm/W			
Colour rendering index (CRI)	≥80	Approval and Application		
Light source colour	830 warm white	Ingress protection code	IP44 [Wire-protected, splash-proof]	
Optic type	Wide beam	Mech. impact protection code	IKO2 [0.2 J standard]	
Luminaire light beam spread	81°	Sustainability rating	-	
Unified Glare Rating (CEN)	19	Protection class IEC	Safety class I	
Operating and Electrical		Initial Performance (IEC Compliant)		
Input Voltage	220-240 V	Luminous flux tolerance	+/-8%	
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.43, 0.40) SDCM <3	
Inrush current	14.7 A	Power consumption tolerance	+/-10%	
Inrush time	0.25 ms			
Power Consumption	23 W	Over Time Performance (IEC Compliant)		
Power Factor (Fraction)	0.9	Control gear failure rate at median useful 5%		
Connection	Push-in connector and pull relief	life 50,000 h		
Cable	-	Lumen maintenance at median useful life* L75		
Number of products on MCB of 16 A type	38	50,000 h		
В				
		Application Conditions		
Temperature		Performance ambient temperature Tq	25 °C	
Ambient temperature range	+10 to +40 °C	Maximum dim level	1%	
		Suitable for random switching	Yes	
Controls and Dimming				
Dimmable	Yes	Product Data		
Driver/power unit/transformer	Power supply unit with DALI interface	Order product name	RC134B LED27S/830 PSD W60L60 OC	
Control interface	DALI	Full product name	RC134B LED27S/830 PSD W60L60 OC	
Constant light output	No	Full EOC	871869934814400	
		Order code	34814400	
Mechanical and Housing		Material no. (12 NC)	910925864772	
Housing material	Steel	SAP numerator – quantity per pack	1	
Reflector material	Polycarbonate	EAN/UPC — Product/Case	8718699348144	
Optic material	Polycarbonate	Numerator – packs per outer box	1	
Optical cover/lens material	Polycarbonate	EAN/UPC - Case	8718699348144	
Fixation material	-			
Housing Colour	White			

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Dimensional drawing







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