

CoreLine recessed

RC134B LED27S/840 PSU W60L60 ELB3 NOC

CoreLine recessed, 30.5 W, 600x600 mm, 2700 lm, 4000 K, ELB3h

Philips CoreLine recessed delivers on the CoreLine promise of innovative, easy-to-use, 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
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		

Datasheet, 2023, December 4 data subject to change

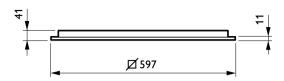
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Warranty period	5 years	Housing Color	White
Flammability mark	For mounting on normally flammable	Optical cover finish	Textured
	surfaces	Overall length	597 mm
ENEC mark	ENEC mark	Overall width	597 mm
Glow-wire test	Temperature 850 °C, duration 30 s	Overall height	41 mm
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth)	41 x 597 x 597 mm
Light Technical		Approval and Application	
Luminous Flux	2,700 lm	Ingress protection code	IP44 [Wire-protected, splash-proof]
Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IKO2 [0.2 J standard]
Luminous Efficacy (rated) (Nom)	89 lm/W	Sustainability rating	_
Color rendering index (CRI)	≥80	Protection class IEC	Safety class I
Light source color	840 neutral white		
Optic type	Wide beam	Initial Performance (IEC Compliant)	
Luminaire light beam spread	93°	Luminous flux tolerance	+/-8%
Unified glare rating CEN	22	Initial chromaticity	(0.38, 0.38) SDCM <3
		Power consumption tolerance	+/-10%
Operating and Electrical		_	
Input Voltage	220-240 V	Over Time Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful 5 %	
Inrush current	5.3 A	life 50000 h	
Inrush time	0.07 ms	Lumen maintenance at median useful life* L75	
Power Consumption	30.5 W	50000 h	
Power Factor (Fraction)	0.9		
Connection	Push-in connector and pull relief	Application Conditions	
Cable	-	Performance ambient temperature Tq	25 °C
Number of products on MCB of 16 A type	24	Suitable for random switching	Yes
В			
		Product Data	
Temperature		Order product name	RC134B LED27S/840 PSU W60L60 ELB3
Ambient temperature range	+10 to +40 °C	-	NOC
		Full product name	RC134B LED27S/840 PSU W60L60 ELB3
Controls and Dimming		-	NOC
Dimmable	No	Full product code	871869934827400
Driver/power unit/transformer	Power supply unit (On/Off)	Order code	910925864785
Constant light output	No	Material Nr. (12NC)	910925864785
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718699348274
Housing Material	Steel	Numerator - Packs per outer box	1
Reflector material	Polycarbonate	EAN/UPC - Case	8718699348274
Optic material	Polycarbonate	-	
Optical cover material	Polycarbonate	-	
Fixation material	-	-	
		-	

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Dimensional drawing







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