



CoreLine recessed

RC135B LED37S/840 PSD W62L62 OC

CoreLine recessed, 31.5 W, 620x620 mm, 3700 lm, 4000 K, DALI, UGR19

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	RC135B [Coreline Recessed]	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	

Datasheet, 2023, December 4 data subject to change

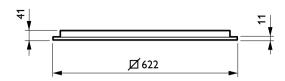
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Warranty period	5 years	Optical cover material	Polycarbonate
Flammability mark	For mounting on normally flammable	Fixation material	-
	surfaces	Housing Color	White
ENEC mark	ENEC mark	Optical cover finish	Textured
Glow-wire test	Temperature 850 °C, duration 30 s	Overall length	622 mm
EU RoHS compliant	Yes	Overall width	622 mm
		Overall height	41 mm
Light Technical		Dimensions (Height x Width x Depth)	41 x 622 x 622 mm
Luminous Flux	3,700 lm		
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	117 lm/W	Ingress protection code	IP44 [Wire-protected, splash-proof]
Color rendering index (CRI)	≥80	Mech. impact protection code	IK02 [0.2 J standard]
Beam angle of light source	120 degree(s)	Sustainability rating	-
Light source color	840 neutral white	Protection class IEC	Safety class I
Optic type	Wide beam		
Luminaire light beam spread	81° x 80°	Initial Performance (IEC Compliant)	
Unified glare rating CEN	19	Luminous flux tolerance	+/-8%
		Initial chromaticity	(0.38, 0.38) SDCM <3
Operating and Electrical		Power consumption tolerance	+/-10%
nput Voltage	220-240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compliant)	
Inrush current	22 A	Control gear failure rate at median useful 5 %	
nrush time	0.275 ms	life 50000 h	
Power Consumption	31.5 W	Lumen maintenance at median useful life* L75	
Power Factor (Fraction)	0.9	50000 h	
Connection	Push-in connector and pull relief		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type	24	Performance ambient temperature Tq	25 ℃
В		Maximum dim level	1%
		Suitable for random switching	Yes
Temperature			
Ambient temperature range	+10 to +40 °C	Product Data	
		Order product name	RC135B LED37S/840 PSD W62L62 OC
Controls and Dimming		Full product name	RC135B LED37S/840 PSD W62L62 OC
Dimmable	Yes	Full product code	871869934845800
Driver/power unit/transformer	Power supply unit with DALI interface	Order code	910925864804
Control interface	DALI	Material Nr. (12NC)	910925864804
Constant light output	No	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718699348458
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Steel	EAN/UPC - Case	8718699348458
Reflector material	Polycarbonate		
Optic material	Polycarbonate	_	

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Dimensional drawing







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