CoreLine recessed

RC135B LED27S/840 PSU W62L62 NOC

CoreLine recessed, 27 W, 620x620 mm, 2700 lm, 4000 K

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 IPX0 & 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
Warranty period	5 years

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Flammability mark	For mounting on normally flammable surfaces	**Fixation material**	–
ENEC mark	ENEC mark	**Housing Color**	White
Glow-wire test	Temperature 850 °C, duration 30 s	**Optical cover finish**	Textured
EU RoHS compliant	Yes	**Overall length**	622 mm
		Overall width	622 mm
Light Technical		**Overall height**	41 mm
Luminous Flux	2,700 lm	**Dimensions (Height x Width x Depth)**	41 x 622 x 622 mm
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	100 lm/W	**Approval and Application**	
Color rendering index (CRI)	≥80	**Ingress protection code**	IP44 [Wire-protected, splash-proof]
Beam angle of light source	120 degree(s)	**Mech. impact protection code**	IK02 [0.2 J standard]
Light source color	840 neutral white	**Sustainability rating**	–
Optic type	Wide beam	**Protection class IEC**	Safety class I
Luminaire light beam spread	93° x 101°		
Unified glare rating CEN	22	**Initial Performance (IEC Compliant)**	
		Luminous flux tolerance	+/-8%
Operating and Electrical		**Initial chromaticity**	(0.38, 0.38) SDCM <3
Input Voltage	220-240 V	**Power consumption tolerance**	+/-10%
Line Frequency	50 to 60 Hz		
Inrush current	5.3 A	**Over Time Performance (IEC Compliant)**	
Inrush time	0.07 ms	**Control gear failure rate at median useful life 50000 h**	5 %
Power Consumption	27 W		
Power Factor (Fraction)	0.9	**Lumen maintenance at median useful life* 50000 h**	L75
Connection	Push-in connector and pull relief		
Cable	–		
Number of products on MCB of 16 A type B	24	**Application Conditions**	
		Performance ambient temperature Tq	25 °C
		Suitable for random switching	Yes
Temperature			
Ambient temperature range	+10 to +40 °C		
		Product Data	
		Order product name	RC135B LED27S/840 PSU W62L62 NOC
Controls and Dimming		**Full product name**	RC135B LED27S/840 PSU W62L62 NOC
Dimmable	No	**Full product code**	871869934848900
Driver/power unit/transformer	Power supply unit (On/Off)	**Order code**	910925864807
Constant light output	No	**Material Nr. (12NC)**	910925864807
		Numerator – Quantity Per Pack	1
		EAN/UPC – Product/Case	8718699348489
Mechanical and Housing		**Numerator – Packs per outer box**	1
Housing Material	Steel	**EAN/UPC – Case**	8718699348489
Reflector material	Polycarbonate		
Optic material	Polycarbonate		
Optical cover material	Polycarbonate		

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Dimensional drawing

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2023, December 4 – data subject to change