PHILIPS Lighting



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-touse, 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			B10. Therefore, the median useful life (B50)
Light source replaceable	No		value also represents the B10 value.
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	RC135B [Coreline Recessed]
Remarks	*-Per Lighting Europe guidance paper	Lighting Technology	LED
	"Evaluating performance of LED based	Value ladder	Performance
	luminaires - January 2018": statistically there	CE mark	Yes
	is no relevant difference in lumen	Warranty period	5 years
	maintenance between B50 and for example		

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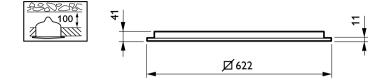
Flammability mark For mounting on normally flammable surfaces ENEC mark ENEC mark Glow-wire test ENEC mark Glow-wire test Temperature 850 °C, duration 30 s EU RoHS compliant Yes Light Technical 2,700 lm Correlated Color Temperature (Nom) 4000 K Luminous Efficacy (rated) (Nom) 100 lm/W Color rendering index (CRI) ≥80 Beam angle of light source 120 degree(s) Light source color 840 neutral white		
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Light source color 840 neutral white		
Optic type Wide beam		
Luminaire light beam spread 93° x 101°		
Unified glare rating CEN 22		
Operating and Electrical		
Operating and Electrical		
Input Voltage 220-240 V		
Line Frequency 50 to 60 Hz		
Inrush current 5.3 A		
Inrush time 0.07 ms		
Power Consumption 27 W		
Power Factor (Fraction) 0.9		
Connection Push-in connector and pull relief		
Cable -		
Number of products on MCB of 16 A type 24		
В		
Temperature		
Ambient temperature range +10 to +40 °C		
Controls and Dimming		
Dimmable No		
Driver/power unit/transformer Power supply unit (On/Off)	Power supply unit (On/Off)	
Constant light output No	No	
Mechanical and Housing		
Housing Material Steel	Steel	
Reflector material Polycarbonate	Polycarbonate	
Optic material Polycarbonate		
Optical cover material Polycarbonate		

Fixation material	-	
Housing Color	White	
Optical cover finish	Textured	
Overall length	622 mm	
Overall width	622 mm	
Overall height	41 mm	
Dimensions (Height x Width x Depth)	41 x 622 x 622 mm	
Approval and Application		
Ingress protection code	IP44 [Wire-protected, splash-proof]	
Mech. impact protection code	IK02 [0.2 J standard]	
Sustainability rating	-	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-8%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compl	iant)	
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	L75	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	Yes	
Product Data		
Order product name	RC135B LED27S/840 PSU W62L62 NOC	
Full product name	RC135B LED27S/840 PSU W62L62 NOC	
Full product code	871869934848900	
Order code	910925864807	
Material Nr. (12NC)	910925864807	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699348489	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699348489	

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Dimensional drawing





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