PHILIPS Lighting



CoreLine recessed

RC134B LED27S/840 PSD W30L120 OC

CoreLine recessed, 22 W, 1200x300 mm, 2700 lm, 4000 K, DALI, UGR19

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			maintenance between B50 and for example
Light source replaceable	No		B10. Therefore, the median useful life (B50)
Number of gear units	1 unit		value also represents the B10 value.
Driver included	Yes	Service tag	Yes
Remarks	*-Per Lighting Europe guidance paper	Product family code	RC134B [Coreline Recessed]
	"Evaluating performance of LED based	Lighting Technology	LED
	luminaires - January 2018": statistically there	Value ladder	Performance
	is no relevant difference in lumen	CE mark	Yes

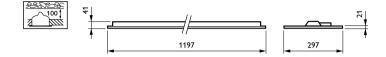
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Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	
	Temperature 850 °C, duration 30 s Yes
EU RoHS compliant	res
Light Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	81°
Unified glare rating CEN	19
Operating and Electrical	
Operating and Electrical	220, 240, V
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	22 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	38
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	
	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate

Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	1,197 mm
Overall width	297 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 297 x 1197 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%
Control gear failure rate at median useful	-
Over Time Performance (IEC Complia Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	5 %
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life*	5 %
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	5 % L75
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	25 °C
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	5 % L75
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	25 °C
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	5 % L75 25 °C 1%
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	5 % L75 25 °C 1% Yes
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	25 °C 25 °C 1% Yes RC134B LED275/840 PSD W30L120 OC
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	5 % L75 25 °C 1% Yes RC134B LED275/840 PSD W30L120 OC RC134B LED275/840 PSD W30L120 OC 871869934812000 910925864770 910925864770
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	5 % L75 25 °C 1% Yes RC134B LED275/840 PSD W30L120 OC RC134B LED275/840 PSD W30L120 OC 871869934812000 910925864770 910925864770 1

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Dimensional drawing





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