



CoreLine recessed

RC134B LED27S/840 PSD W60L60 ELB3 OC

CoreLine recessed, 25.5 W, 600x600 mm, 2700 lm, 4000 K, DALI, UGR19, 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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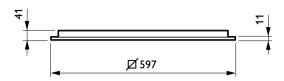
Warranty period	5 years
Flammability mark	For mounting on normally flammable
rtailinability mark	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
to Rons compliant	ies
ight Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	4000 K
_uminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
uminaire light beam spread	81°
Jnified glare rating CEN	22
Operating and Electrical	
nput Voltage	220-240 V
ine Frequency	50 to 60 Hz
nrush current	14.7 A
nrush time	0.25 ms
Power Consumption	25.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	38
3	
 Temperature	
Ambient temperature range	+10 to +40 °C
<u> </u>	
Controls and Dimming	
Dimmable	Yes
Oriver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Mechanical and Housing	Stool
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate

Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 597 x 597 mm
Approval and Application	
Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IKO2 [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 ℃
Maximum dim level	1% (no dimming in emergency mode)
Suitable for random switching	Yes
Product Data	
Order product name	RC134B LED27S/840 PSD W60L60 ELB3 OC
Full product name	RC134B LED27S/840 PSD W60L60 ELB3 OC
Full product code	871869934822900
Order code	910925864780
Material Nr. (12NC)	910925864780
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699348229
Numerator - Packs per outer box	1
	8718699348229

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Dimensional drawing







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