# **PHILIPS** Lighting



# **CoreLine recessed**

# RC134B LED27S/830 PSD W30L120 ELB3 NOC

CoreLine recessed, 34 W, 1200x300 mm, 2700 lm, 3000 K, DALI, ELB3h

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		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	Service tag
Remarks	*-Per Lighting Europe guidance paper	Product family code
	"Evaluating performance of LED based	Lighting Technology
	luminaires - January 2018": statistically there	Value ladder
	is no relevant difference in lumen	CE mark

maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.

RC134B [Coreline Recessed]

Yes

LED Performance Yes

### **CoreLine recessed**

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
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	79 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	_
Number of products on MCB of 16 A type	38
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	Ma a
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mochanical and Housing	
Mechanical and Housing	Stool
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-

-	
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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
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
Draduct Data	
Product Data	
Order product name	RC134B LED27S/830 PSD W30L120 ELB3 NOC
Full product name	RC134B LED27S/830 PSD W30L120 ELB3

NOC

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871869934841000

910925864799

910925864799

8718699348410

8718699348410

White

Housing Color

Full product code

Material Nr. (12NC)

EAN/UPC - Case

Numerator - Quantity Per Pack

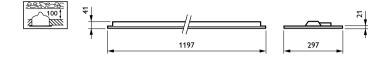
Numerator - Packs per outer box

EAN/UPC - Product/Case

Order code

## **CoreLine recessed**

#### Dimensional drawing





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