PHILIPS Lighting



CoreLine recessed

RC134B LED27S/840 PSU W60L60 NOC

CoreLine recessed, 27 W, 600x600 mm, 2700 lm, 4000 K

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch. In addition, Coreline Recessed also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

Warnings and Safety

- The product is IPXO and as such is not protected against water ingress, so 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 and product warranty will become void

Product data

General Information		Product family code	RC134B [Coreline Recessed]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	Unit	Value ladder	Performance
Driver included	Yes	CE mark	Yes
Remarks	*- According to the Lighting Europe guidance	Warranty period	5 years
	paper 'Evaluating performance of LED based	Flammability mark	For mounting on normally flammable
	luminaires – January 2018': statistically there		surfaces
	is no relevant difference in lumen	ENEC mark	ENEC mark
	maintenance between the B50 and, for	Glow-wire test	Temperature 850 °C, duration 30 s
	example, the B10. Therefore, the median	EU RoHS compliant	Yes
	useful life (B50) value also represents the		
	B10 value.		

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Light Technical	
Luminous Flux	2,700 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified Glare Rating (CEN)	22

Operating	and	Electrical	
Operating	anu	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	

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	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 Compli	ant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L75
life* 50,000 h	

597 mm

597 mm

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

+10 to +40 °C

Mechanical and Housing

Steel
Polycarbonate
Polycarbonate
Polycarbonate
-
White
Textured

Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

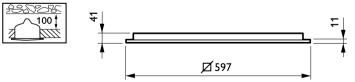
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Overall length

Overall width

Order product name	RC134B LED27S/840 PSU W60L60 NOC
Full product name	RC134B LED27S/840 PSU W60L60 NOC
Full EOC	871869934823600
Order code	34823600
Material no. (12 NC)	910925864781
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699348236
Numerator – packs per outer box	1
EAN/UPC - Case	8718699348236

Dimensional drawing



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