PHILIPS Lighting



CoreLine recessed

RC134B LED27S/840 PSD W30L120 ELB3 NOC

CoreLine recessed, 30.5 W, 1200x300 mm, 2700 lm, 4000 K, DALI, ELB3h

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

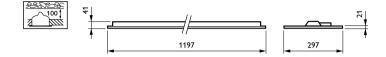
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EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,700 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	89 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified Glare Rating (CEN)	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	30.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	38
В	
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/lens material	Polycarbonate
Fixation material	
Housing Colour	White
Optical cover/lens 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%
Over Time Performance (IEC Comp	liant)
Over Time Performance (IEC Comp Control gear failure rate at median usefu	
Control gear failure rate at median usefu	
Control gear failure rate at median usefu life 50,000 h	ι 5%
Control gear failure rate at median usefu life 50,000 h Lumen maintenance at median useful	ι 5%
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Control gear failure rate at median usefu life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions	L75
Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq	L75 25°C
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Dimensional drawing





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