PHILIPS Lighting



CoreLine recessed

RC134B LED37S/840 PSD W60L60 ELB3 OC

CoreLine recessed, 35 W, 600x600 mm, 3700 lm, 4000 K, DALI, UGR19, 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
Light source replaceable	No		B10 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

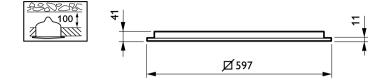
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EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	3,700 lm	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	106 lm/W	
Colour rendering index (CRI)	≥80	
Light source colour	840 neutral white	
Optic type	Wide beam	
Luminaire light beam spread	81°	
Unified Glare Rating (CEN)	19	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Inrush current	22 A	
Inrush time	0.275 ms	
Power Consumption	35 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		
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	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	IK02 [0.2 J standard]	
Sustainability rating	-	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)	l	
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 50,000 h		
Lumen maintenance at median useful	L75	
life* 50,000 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 LED37S/840 PSD W60L60 ELB3 OC	
Full product name	RC134B LED37S/840 PSD W60L60 ELB3 OC	
Full EOC	871869934821200	
Order code	34821200	
Material no. (12 NC)	910925864779	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718699348212	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718699348212	
	1	

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Dimensional drawing





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