PHILIPS Lighting



CoreLine recessed

RC120B LED27S/840 PSD W60L60

Coreline Recessed, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit with DALI interface

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		Remarks
Lamp family code	LED27S [LED Module, system flux 2700 lm]	
Cap-Base	- [-]	
Light source replaceable	No	
Number of gear units	1 unit	
Gear	EB [Electronic]	
Driver included	Yes	
		Product family code

marks	*-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.
oduct family code	RC120B [Coreline Recessed]

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Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	3 years + 2 years upon registration
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)	4000 K
Luminous Efficacy (rated) (Nom)	92 lm/W
Color rendering index (CRI)	≥80
Number of light sources	2
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Polycarbonate linear satinized
Luminaire light beam spread	86°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	26.6 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

No

Steel

Housing Material

Constant light output

Reflector material Steel 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 32 mm Dimensions (Height x Width x Depth) 32 x 597 x 597 mm Approval and Application IP20 [Finger-protected] Ingress protection code Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Initial chromaticity (0.38, 0.38) SDCM <3 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) 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 °C Maximum dim level 1% Suitable for random switching Yes **Product Data** Order product name RC120B LED27S/840 PSD W60L60 Full product name RC120B LED27S/840 PSD W60L60 Full product code 871829126819200 Order code 910925863273 Material Nr. (12NC) 910925863273 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718291268192

1

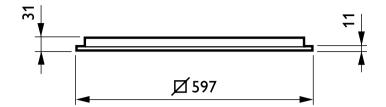
8718291268192

Numerator - Packs per outer box

EAN/UPC - Case

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Dimensional drawing





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