PHILIPS Lighting



CoreLine recessed

RC120B LED37S/830 PSU W60L60

Coreline Recessed, LED Module, system flux 3700 lm, 830 warm white, Power supply unit (On/Off)

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.

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			B10. Therefore, the median useful life (B50)
Lamp family code	LED37S [LED Module, system flux 3700 lm]		value also represents the B10 value.
Cap-Base	- [-]	Product family code	RC120B [Coreline Recessed]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Performance
Gear	EB [Electronic]	CE mark	Yes
Driver included	Yes	Warranty period	3 years + 2 years upon registration
Remarks	*-Per Lighting Europe guidance paper	Flammability mark	For mounting on normally flammable
	"Evaluating performance of LED based		surfaces
	luminaires - January 2018": statistically there	ENEC mark	ENEC mark
	is no relevant difference in lumen	Glow-wire test	Temperature 850 °C, duration 30 s
	maintenance between B50 and for example	EU RoHS compliant	Yes

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Light Technical	
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color rendering index (CRI)	≥80
Number of light sources	2
Light source color	830 warm white
Optic type	Wide beam
Optical cover type	Polycarbonate linear satinized
Luminaire light beam spread	86°
Unified glare rating CEN	Not applicable

220 to 240 V

50 to 60 Hz

Push-in connector and pull relief

8 A

0.9

0.06 ms 34.2 W

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		
Ingress protection code	IP20 [Finger-protected]	
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	(0.43, 0.40) 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
Suitable for random switching	Yes

Product Data Order product name RC120B LED375/830 PSU W60L60 Full product name RC120B LED375/830 PSU W60L60 Full product code 871829126810900 Order code 26810900 Material Nr. (12NC) 910501988503 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718291268109

Numerator - Packs per outer box	1
EAN/UPC - Case	8718291268109

Cable	-

Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Power Consumption Power Factor (Fraction)

Inrush time

Connection

Number of products on MCB of 16 A type 24

в

Temperature	
Ambient temperature range	+10 to +40 °C

Controls and Dimming

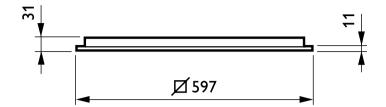
controts and Dimining	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White

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Dimensional drawing





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