PHILIPS Lighting



CoreLine recessed

RC120B LED37S/840 PSU W60L60 EL3

Coreline Recessed, LED Module, system flux 3700 lm, 840 neutral white, Power supply unit (On/Off), Emergency lighting 3 hours duration

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

		maintenance between B50 and for example
LED37S [LED Module, system flux 3700 lm]		B10. Therefore, the median useful life (B50)
- [-]		value also represents the B10 value.
No	Product family code	RC120B [Coreline Recessed]
1 unit	Lighting Technology	LED
EB [Electronic]	Value ladder	Performance
Yes	CE mark	Yes
*-Per Lighting Europe guidance paper	Warranty period	3 years + 2 years upon registration
"Evaluating performance of LED based	Flammability mark	For mounting on normally flammable 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
	- [-] No 1 unit EB [Electronic] Yes *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there	- [-] No 1 unit EB [Electronic] Yes *-Per Lighting Europe guidance paper "Evaluating performance of LED based Flammability mark Luminaires - January 2018": statistically there

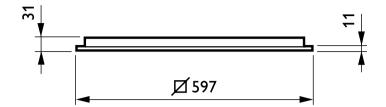
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El DollS compliant	Vec
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	83 lm/W
Color rendering index (CRI)	280
Number of light sources	2
Light source color	840 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	8 A
Inrush time	0.06 ms
Power Consumption	37.9 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	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	
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 Complian	•)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	(0.38, 0.38) SDCM <3 +/-10%	
Power consumption toterance	T/ -10 /o	
Over Time Performance (IEC Comp	oliant)	
Control gear failure rate at median	5 %	
useful life 50000 h		
Lumen maintenance at median useful	L75	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	Yes	
Product Data		
Order product name	RC120B LED37S/840 PSU W60L60 EL3	
Full product name	RC120B LED375/840 PSU W60L60 EL3	
Full product code	871869632068600	
Order code	32068600	
Material Nr. (12NC)	910925335885	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696320686	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696320686	
	0/10050520000	

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Dimensional drawing





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