PHILIPS Lighting



CoreLine recessed

RC120B LED27S/840 PSU W60L60 EL3

Coreline Recessed, LED Module, system flux 2700 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

General Information			maintenance between B50 and for example
Lamp family code	LED27S [LED Module, system flux 2700 lm]		B10. Therefore, the median useful life (B50)
Cap-Base	- [-]		value also represents the B10 value.
Light source replaceable	No	Product family code	RC120B [Coreline Recessed]
Number of gear units	1 unit	Lighting Technology	LED
Gear	EB [Electronic]	Value ladder	Performance
Driver included	Yes	CE mark	Yes
Remarks	*-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

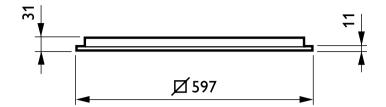
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EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2.700 lm
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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Color rendering index (CRI)	280
Number of light sources	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	5.3 A
Inrush time	0.07 ms
Power Consumption	30.7 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	t)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
life 50000 h Lumen maintenance at median useful life* 50000 h	L75	
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	25 C	
	Yes	
Product Data		
Product Data Order product name		
	Yes	
Order product name	Yes RC120B LED27S/840 PSU W60L60 EL3	
Order product name Full product name	Yes RC120B LED27S/840 PSU W60L60 EL3 RC120B LED27S/840 PSU W60L60 EL3	
Order product name Full product name Full product code	Yes RC120B LED27S/840 PSU W60L60 EL3 RC120B LED27S/840 PSU W60L60 EL3 871869632069300	
Order product name Full product name Full product code Order code	Yes RC120B LED27S/840 PSU W60L60 EL3 RC120B LED27S/840 PSU W60L60 EL3 871869632069300 32069300	
Order product name Full product name Full product code Order code Material Nr. (12NC)	Yes RC120B LED27S/840 PSU W60L60 EL3 RC120B LED27S/840 PSU W60L60 EL3 871869632069300 32069300 910925863279	
Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	Yes RC120B LED27S/840 PSU W60L60 EL3 RC120B LED27S/840 PSU W60L60 EL3 871869632069300 32069300 910925863279 1	
Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	Yes RC120B LED27S/840 PSU W60L60 EL3 RC120B LED27S/840 PSU W60L60 EL3 871869632069300 32069300 910925863279 1 8718696320693	

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Dimensional drawing





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