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 IPX0 & 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	
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
Remarks	*–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.
Product family code	RC120B [Coreline Recessed]
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 ℃, duration 30 s

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EU RoHS compliant	Yes		**Housing Color**	White
			Optical cover finish	Textured
			Overall length	597 mm
Light Technical			**Overall width**	597 mm
Luminous Flux	2,700 lm		**Overall height**	32 mm
Correlated Color Temperature (Nom)	4000 K		**Dimensions (Height x Width x Depth)**	32 x 597 x 597 mm
Luminous Efficacy (rated) (Nom)	82 lm/W			
Color rendering index (CRI)	≥80		**Approval and Application**	
Number of light sources	2		**Ingress protection code**	IP20 [Finger-protected]
Light source color	840 neutral white		**Mech. impact protection code**	IK02 [0.2 J standard]
Optic type	Wide beam		**Protection class IEC**	Safety class I
Optical cover type	Polycarbonate linear satinized			
Luminaire light beam spread	86°		**Initial Performance (IEC Compliant)**	
Unified glare rating CEN	Not applicable		**Luminous flux tolerance**	+/–10%
			Initial chromaticity	(0.38, 0.38) SDCM <3
Operating and Electrical			**Power consumption tolerance**	+/–10%
Input Voltage	220 to 240 V			
Line Frequency	50 to 60 Hz		**Over Time Performance (IEC Compliant)**	
Inrush current	5.3 A		**Control gear failure rate at median useful life 50000 h**	5 %
Inrush time	0.07 ms			
Power Consumption	30.7 W		**Lumen maintenance at median useful life* 50000 h**	L75
Power Factor (Fraction)	0.9			
Connection	Push-in connector and pull relief			
Cable	–		**Application Conditions**	
Number of products on MCB of 16 A type B	24		**Performance ambient temperature Tq**	25 °C
			Suitable for random switching	Yes
Temperature				
Ambient temperature range	+10 to +40 °C		**Product Data**	
			Order product name	RC120B LED27S/840 PSU W60L60 EL3
Controls and Dimming			**Full product name**	RC120B LED27S/840 PSU W60L60 EL3
Dimmable	No		**Full product code**	871869632069300
Driver/power unit/transformer	Power supply unit (On/Off)		**Order code**	32069300
Constant light output	No		**Material Nr. (12NC)**	910925863279
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718696320693
Housing Material	Steel		**Numerator – Packs per outer box**	1
Reflector material	Steel		**EAN/UPC – Case**	8718696320693
Optic material	Polycarbonate			
Optical cover material	Polycarbonate			
Fixation material	–			

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Dimensional drawing

31

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$\square$ 597

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2023, August 3 – data subject to change