PHILIPS Lighting



CoreLine recessed

RC120B LED27S/840 PSD W60L60 VAR-PC EL3

Coreline Recessed, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit with DALI interface, Variable linear-lens array in polycarbonate cover, 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	
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

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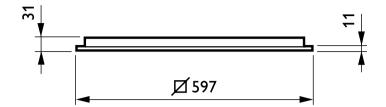
ENEC mark
Temperature 850 °C, duration 30 s
Yes
2,700 lm
4000 K
102 lm/W
≥80
2
840 neutral white
Wide beam
Variable linear-lens array in polycarbonate
cover
75°
Not applicable
220 to 240 V
50 to 60 Hz
14.7 A
0.25 ms
25.6 W
0.9
Push-in connector and pull relief
- e 38
+10 to +40 °C
Yes
Power supply unit with DALI interface
DALI
No
Steel
Steel Steel

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%
Over Time Performance (IEC Compliant)	
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 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	RC120B LED27S/840 PSD W60L60 VAR-PC
	EL3
Full product name	RC120B LED27S/840 PSD W60L60 VAR-PC
	EL3
Full product code	871869632073000
Order code	32073000
Material Nr. (12NC)	910925335890
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696320730
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696320730

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Dimensional drawing





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