



CoreLine Recessed

RC120B LED27S/840 PSU W60L60

RC120B - LED Module, system flux 2600 lm - Power supply unit

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.

Product data

• General information

Product family code	RC120B [RC120B]
Number of light sources	2 [2 pcs]
Lamp family code	LED27S [LED Module, system flux 2700 lm]
Light source color	840 [840 neutral white]
Light source replaceable	false [No]
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	true [Yes]
Optical cover/lens type	PC-LIN-SAT [Polycarbonate linear satinized]
Emergency lighting	No [-]
Dimmable	No [No]
Connection	PIP [Push-in connector and pull relief]
Cable	No [-]
Protection class IEC	CLI [Safety class I]
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Color	WH [White]
Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	SC [Safety cable]
CE mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Light technical

Luminous flux tolerance	+/-10% [±10%]
-------------------------	---------------

• Electrical

Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]

• Mechanical

Geometry	W60L60 [Width 0.60 m, length 0.60 m]
Housing material	STL [Steel]
Reflector material	STL [Steel]
Optical cover/lens material	PC [Polycarbonate]

• Initial perform. (IEC compliant)

Initial input power	24.5 W [24.5 W]
Initial luminous flux	2700 Lm
Initial LED luminaire efficacy	110 Lm/W
Init. Corr. Color Temperature	4000 [4000 K]
Init. Color Rendering Index	≥80 [≥80]
Initial chromaticity	(0.38, 0.38) SDCM <3.5

• Over time perform. (IEC compliant)

Median useful life L90B50	15000 hr
Median useful life L80B50	30000 hr
Median useful life L70B50	50000 hr
Driver failure rate at 5000 h	1 %



PHILIPS

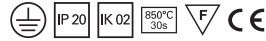
• Application conditions

Average ambient temperature	T25 [+25 °C]
Ambient temperature range	+10 to +40°C [+10 to +40 °C]
Maximum dim level	- [Not applicable]
Suitable for random switching	Yes [Yes (relates to presence/movement detection and daylight harvesting)]

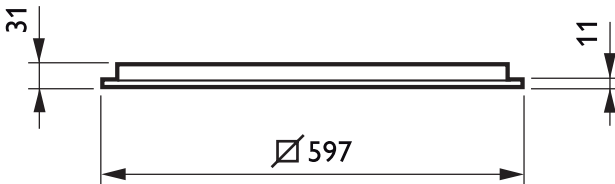
• Product Data

Order code 910503695218

Full product code	910503695218
Full product name	RC120B LED27S/840 PSU W60L60
Order product name	RC120B LED27S/840 PSU W60L60
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8717943897568
Logistic code(s) - 12NC	910503695218
Net weight per piece	2.900 kg



Dimensional drawing



RC120B LED27S/840 PSU W60L60



© 2015 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, October 10
data subject to change