



Coreview Troffer G3

RC420B LED50S/840 PSU W60L120 GM

Wide beam - Opal - 120°

An indirect LED troffer delivering soft and uniform light with visual comfort

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress and 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 and product warranty will become void

Product data

General Information	
Lamp colour code	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Optic type	WB [Wide beam]
Optical cover/lens type	O [Opal]
Luminaire light beam spread	120°
Control interface	-
Connection	CI [Internal connector]
Protection class IEC	Safety class I (I)
Glow-wire test	60030 [Temperature 600 °C, duration 30 s]
CE mark	CE mark
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A type B)	24
Light source engine type	LED

Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	22 A
Inrush time	2750 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing material	Metal
Optic material	Polystyrene
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	597 mm
Overall width	597 mm

Coreview Troffer G3

Overall height	121 mm
Colour	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM<4
Initial input power	36 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
---------------------------	---------

Application Conditions

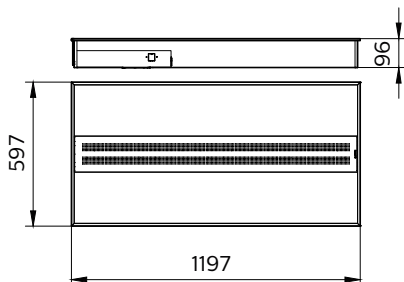
Ambient temperature range	-20 to +40 °C
Maximum dimming level	1%

Product Data

Full product code	911401803597
Order product name	RC420B LED50S/840 PSU W60L120 GM
Order code	911401803597
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401803597
SAP net weight (piece)	7.999 kg



Dimensional drawing



RC420B Coreview troffer G3

