



# Coreview Troffer G3

## RC420B LED50S/840 PSU W60L120 GM

Wide beam - Opal - 120°

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 & 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		Operating and electrical	
Light source color	840 neutral white	Input Voltage	220 to 240 V
Light source replaceable	No	Input Frequency	50 or 60 Hz
Number of gear units	1 unit	Inrush current	22 A
Driver included	Yes	Inrush time	2750 ms
Optic type	Wide beam	Power Factor (Min)	0.9
Optical cover/lens type	Opal	<b>Controls and dimming</b>	
Luminaire light beam spread	120°	Dimmable	Yes
Control interface	-	<b>Mechanical and housing</b>	
Connection	Internal connector	Housing Material	Metal
Protection class IEC	Safety class I	Optic material	Polystyrene
Glow-wire test	Temperature 600 °C, duration 30 s	Optical cover/lens material	Polymethyl methacrylate
CE mark	CE mark	Fixation material	Steel
Warranty period	3 years	Optical cover/lens finish	Opal
Constant light output	No	Overall length	597 mm
Number of products on MCB of 16 A type B	24	Overall width	597 mm
Light source engine type	LED		

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Overall height	121 mm
Color	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
Init. Corr. Color Temperature	4000 K
Init. Color 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
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### Application conditions

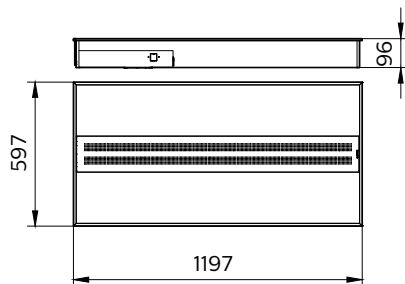
Ambient temperature range	-20 to +40 °C
Maximum dim level	1%

### Product data

Full product code	911401803597
Order product name	RC420B LED50S/840 PSU W60L120 GM
Order code	911401803597
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	911401803597
Net Weight (Piece)	7.999 kg



## Dimensional drawing



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