



# Coreview Troffer G3

## RC420B LED50S/840 PSD W60L120

Coreview Troffer G3, 100 lm/W, 840 neutral white, DALI

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		Luminaire light beam spread	
Light source replaceable	No	120°	
Number of gear units	1 unit	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Light source engine type	LED	Line Frequency	50 or 60 Hz
CE mark	CE mark	Inrush current	22 A
Warranty period	3 years	Inrush time	2,750 ms
Glow-wire test	Temperature 600 °C, duration 30 s	Power Consumption	50 W
Light Technical		Power Factor (Fraction)	0.9
Luminous Flux	5,000 lm	Connection	Internal connector
Correlated Color Temperature (Nom)	4000 K	Number of products on MCB of 16 A type B	24
Luminous Efficacy (rated) (Nom)	100 lm/W	Temperature	
Color rendering index (CRI)	>80	Ambient temperature range	-20 to +40 °C
Light source color	840 neutral white	Controls and Dimming	
Optic type	Wide beam	Dimmable	Yes
Optical cover type	Opal	Control interface	DALI

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Constant light output	No
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Mechanical and Housing

Housing Material	Metal
Optic material	Polystyrene
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall length	1,197 mm
Overall width	597 mm
Overall height	121 mm
Dimensions (Height x Width x Depth)	121 x 597 x 1197 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	(0.43, 0.40) SDCM<4
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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Application Conditions

Maximum dim level	1%
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Product Data

Order product name	RC420B LED50S/840 PSD W60L120
Full product name	RC420B LED50S/840 PSD W60L120
Full product code	911401589531
Order code	911401589531
Material Nr. (12NC)	911401589531
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

