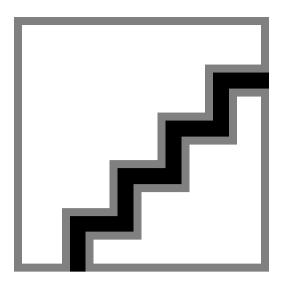
# **PHILIPS** Lighting



# **Coreview Troffer G3**

### RC420B LED35S/840 PSD W30L120 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	
Light source color	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	Opal
Luminaire light beam spread	120°
Control interface	DALI
Connection	Internal connector
Protection class IEC	Safety class I
Glow-wire test	Temperature 600 °C, duration 30 s
CE mark	CE mark
Warranty period	3 years
Constant light output	No
Number of products on MCB of 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
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	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM<4
Initial input power	36 W
Power consumption tolerance	+/-10%

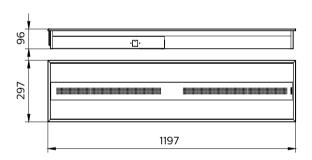
Application conditions	
Ambient temperature range	-20 to +40 °C
Maximum dim level	1%
Product data	
Full product code	911401803697
Order product name	RC420B LED35S/840 PSD W30L120 GM
Order code	911401803697
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	911401803697
Net Weight (Piece)	4.599 kg



## Dimensional drawing

Median useful life L70B50

Over time performance (IEC compliant)



50000 h

RC420B LED35S/840 PSD W30L120 GM



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2022, August 10 - data subject to change