

Lighting

PHILIPS

Coreview Troffer G3

RC420B LED35S/840 PSD W30L120

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 IPXO & 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 spre
Light source replaceable	No	
Number of gear units	1 unit	Operating and Electric
Driver included	Yes	Input Voltage
Light source engine type	LED	Line Frequency
CE mark	CE mark	Inrush current
Warranty period	3 years	Inrush time
Glow-wire test	Temperature 600 °C, duration 30 s	Power Consumption
		Power Factor (Fraction)
Light Technical		Connection
Luminous Flux	3,600 lm	Number of products on M
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	100 lm/W	Temperature
Color rendering index (CRI)	>80	Ambient temperature ran
Light source color	840 neutral white	
Optic type	Wide beam	Controls and Dimming
Optical cover type	Opal	Dimmable
		Control interface

Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	22 A
Inrush time	2,750 ms
Power Consumption	36 W
Power Factor (Fraction)	0.9
Connection	Internal connector
Number of products on MCB of 16 A type B	24
Temperature	
Ambient temperature range	0 to +40 °C
Controls and Dimming	
Dimmable	Yes
Control interface	DALI

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Constant light output	No
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	297 mm
Overall height	96 mm
Dimensions (Height x Width x Depth)	96 x 297 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%

Initial chromaticity	(0.43, 0.40) SDCM<4	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Complian	it)	
Median useful life L70B50	50,000 hour(s)	
a transformer that		
Application Conditions		
Maximum dim level	1%	
Product Data		
Order product name	RC420B LED35S/840 PSD W30L120	
Full product name	RC420B LED35S/840 PSD W30L120	
Full product code	911401590531	
Order code	911401590531	
Material Nr. (12NC)	911401590531	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	2	

Dimensional drawing



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