



# **GreenPerform Troffer**

# RC100B LED37S 840 W603L603 PSD G3

GreenPerform Troffer, 116 lm/W, 840 neutral white, DALI

GreenPerform troffer improves the compact design of the last generation with performance improvement and more variants for different markets. Integrating with all available system: POE, InterAct office wireless, InterAct Office Pro, ActiLume controller, GreenPerform troffer offers additional energy saving and connected features.

#### **Product data**

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Glow-wire test	Temperature 600 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark
Warranty period	3 years
Light Technical	
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Optical cover type	Variable linear-lens array in polycarbonate
	cover

Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	21 A	
Inrush time	280 ms	
Power Consumption	32 W	
Power Factor (Fraction)	0.9	
Number of products on MCB of 16 A type B 24		
Temperature		
Ambient temperature range	-20 to +40 °C	
Ambient temperature range	-20 to +40 °C	
Ambient temperature range Controls and Dimming	-20 to +40 °C	
	-20 to +40 °C Yes	
Controls and Dimming		
Controls and Dimming Dimmable	Yes	
Controls and Dimming Dimmable Control interface	Yes DALI	
Controls and Dimming Dimmable Control interface	Yes DALI	
Controls and Dimming Dimmable Control interface Constant light output	Yes DALI	
Controls and Dimming Dimmable Control interface Constant light output Mechanical and Housing	Yes DALI No	

## **GreenPerform Troffer**

Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Ribbed
Overall length	603 mm
Overall width	603 mm
Overall height	46 mm
Dimensions (Height x Width x Depth)	46 x 603 x 603 mm

Median useful life L70B50	50,000 hour(s)
Application Conditions	
Suitable for random switching	No
Product Data	
Order product name	RC100B LED37S 840 W603L603 PSD G3
Full product name	RC100B LED37S 840 W603L603 PSD G3
Full product code	911401509251
Order code	911401509251
Material Nr. (12NC)	911401509251
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

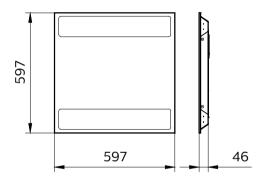
Over Time Performance (IEC Compliant)

### 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	SDCM<4
Power consumption tolerance	+/-10%

#### Dimensional drawing





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