GreenPerformance Troffer

RC100B LED37S 840 W60L120 PSU OC CAU

Variable linear-lens array in polycarbonate cover

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

Product data

General Information

Lamp colour code	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Optical cover/lens type	VAR-PC [Variable linear-lens array in polycarbonate cover]
Control interface	–
Protection class IEC	Safety class I (I)
Glow-wire test	60030 [Temperature 600 °C, duration 30 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A type B)	24

Light source engine type	LED

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	3 A
Inrush time	62 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Metal
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel

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Optical cover/lens finish	Ribbed
Overall length	1197 mm
Overall width	597 mm
Overall height	46 mm
Colour	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	3880 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	129 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	80
Initial chromaticity	SDCM<4
Initial input power	32 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h

Application Conditions

Ambient temperature range	–20 to +40 °C
Suitable for random switching	No

Product Data

Full product code	911401514251
Order product name	RC100B LED37S 840 W60L120 PSU OC CAU
Order code	911401514251
Local order code	RC100B37460120P
Numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401514251
SAP net weight (piece)	4.999 kg

Dimensional drawing
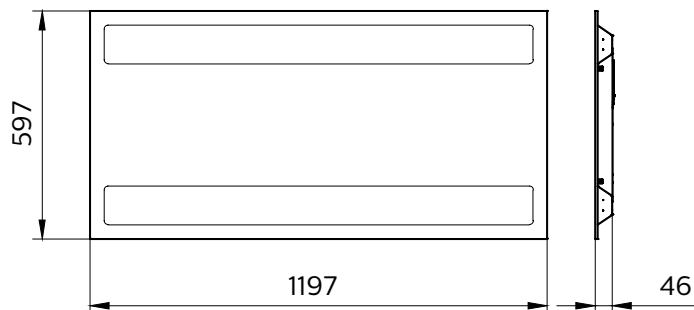
RC100B GreenPerform Troffer

www.lighting.philips.com

2021, February 5 – data subject to change