

GreenPerform Troffer

RC100B LED37S 865 W30L120 PSU UNV G3

GreenPerform Troffer, 116 lm/W, 865 cool daylight

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
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 600 °C, duration 30 s

Light Technical	
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color rendering index (CRI)	80
Light source color	865 cool daylight
Optical cover type	Variable linear-lens array in polycarbonate cover

Operating and Electrical	
Input Voltage	110 to 277 V
Line Frequency	50 to 60 Hz
Inrush current	12.6 A
Inrush time	176 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

Controls and Dimming	
Dimmable	No
Control interface	-
Constant light output	No

Mechanical and Housing	
Housing Material	Metal
Optic material	Polycarbonate

GreenPerform Troffer

Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Ribbed
Overall length	1,197 mm
Overall width	297 mm
Overall height	46 mm
Dimensions (Height x Width x Depth)	46 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	SDCM<4
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)

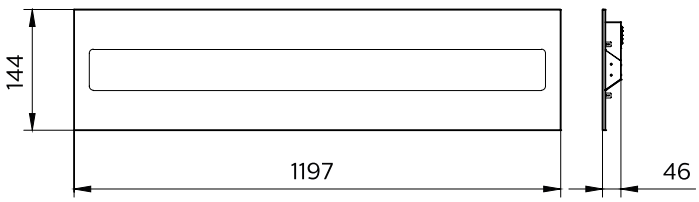
Application Conditions

Suitable for random switching	No

Product Data

Order product name	RC100B LED37S 865 W30L120 PSU UNV G3
Full product name	RC100B LED37S 865 W30L120 PSU UNV G3
Full product code	911401513751
Order code	01513751
Material Nr. (12NC)	911401513751
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



© 2023 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.