



Energy saving without compromise.

GreenPerform Troffer

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.

Benefits

- Upgrade to smart office with more options
- Energy saving
- Slim housing
- Comfortable light
- Good light quality
- Office compliant
- Reliable performance

Features

- Compatible with all available Philips systems
- Efficacy up to 125lm/W
- Slim design with height less than 46mm
- Improved optical design without zebra effect
- CRI > 80, SDCM<4, Flicker free
- UGR 19 available
- Lifetime L70 50,000 hours

Application

- Open Office
- Public Area
- Meeting Room
- Training Room

Specifications

Ceiling type	T-bar ceiling
Mains Voltage	220-240V / 50-60Hz
Dimming	PSU: non-dimmable
	PSD: Dimmable via Dali-broadcasting
	WIA: Wireless control, compatible with Interact
	SIA: Wireless control, compatible with Interact and with SNS210 sensor
Control system input	Dali

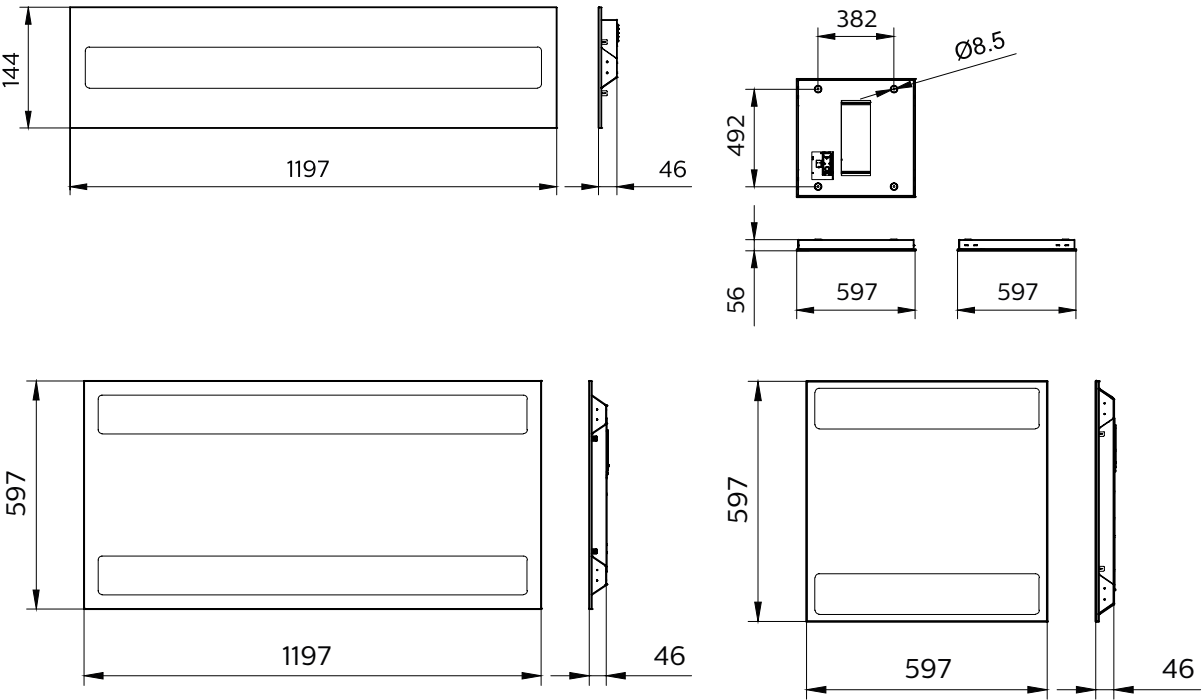
Lumen maintenance at median useful life	L70B50 50.000h
Correlated color temperature - CCT	840 865
UGR	19 is available through certain types
Installation	Recessed

Versions



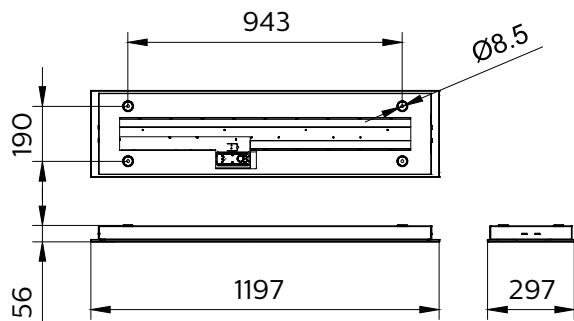
GreenPerform Troffer RC100B 60x120

Dimensional drawing



GreenPerform Troffer

Dimensional drawing



General Information

CE mark	CE mark
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 600 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Optical cover type	Variable linear-lens array in polycarbonate cover
Color rendering index (CRI)	80

Operating and Electrical

Line Frequency	50 to 60 Hz
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Temperature

Ambient temperature range	-20 to +40 °C
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Mechanical and Housing

Housing Color	White
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Approval and Application

Protection class IEC	Safety class I
Mech. impact protection code	IK03
Ingress protection code	IP20

Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<4
Luminous flux tolerance	+/-10%

Application Conditions

Suitable for random switching	No
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Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
01513051	RC100B LED37S 840 W30L120 PSD OC G3	4000 K	121 lm/W	3,700 lm
01513251	RC100B LED37S 840 W30L120 PSD G3	4000 K	116 lm/W	3,700 lm
72781699	RC100B LED37S 840 W30L120 PSU G3	4000 K	116 lm/W	3,700 lm
01513751	RC100B LED37S 865 W30L120 PSU UNV G3	6500 K	116 lm/W	3,700 lm
72784799	SM100C LED37S 840 W30L120 PSU G3	4000 K	116 lm/W	3,700 lm
01519551	SM100C LED37S 840 W30L120 PSD G3	4000 K	116 lm/W	3,700 lm
01519951	SM100C LED37S 865 W30L120 PSU UNV G3	6500 K	116 lm/W	3,700 lm
52116299	RC100B LED27S 840 W60L60 PSU G3	4000 K	117 lm/W	2,700 lm
01508651	RC100B LED27S 865 W60L60 PSU G3	6500 K	117 lm/W	2,700 lm
01509551	RC100B LED37S 840 W603L603 PSU UNV G3	4000 K	116 lm/W	3,700 lm
01509651	SM100C LED37S 840 W60L60 PSD G3	4000 K	116 lm/W	3,700 lm
01509951	SM100C LED27S 840 W60L60 PSU G3	4000 K	117 lm/W	2,700 lm
72783099	SM100C LED37S 840 W60L60 PSU G3	4000 K	116 lm/W	3,700 lm
72782399	RC100B LED37S 840 W60L60 PSU G3	4000 K	116 lm/W	3,700 lm
01510851	RC100B LED37S 840 W60L60 PSD OC G3	4000 K	121 lm/W	3,700 lm
01510951	RC100B LED37S 865 W60L60 PSU G3	6500 K	116 lm/W	3,700 lm
51949799	RC100B LED37S 840 W60L60 PSD G3	4000 K	116 lm/W	3,700 lm

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
01511451	RC100B LED37S 840 W60L60 PSU UNV G3	4000 K	116 lm/W	3,700 lm
01568841	RC100X LED37S 840 W60L60 IAR G3	4000 K	119 lm/W	3,700 lm
01514351	RC100B LED54S 840 W60L120 PSU G3	4000 K	123 lm/W	5,400 lm

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption	Order Code	Full Product Name	Input Voltage	Power Consumption
01513051	RC100B LED37S 840 W30L120 PSD OC G3	220 to 240 V	32 W	01509651	SM100C LED37S 840 W60L60 PSD G3	220 to 240 V	32 W
01513251	RC100B LED37S 840 W30L120 PSD G3	220 to 240 V	32 W	01509951	SM100C LED27S 840 W60L60 PSU G3	220 to 240 V	23 W
72781699	RC100B LED37S 840 W30L120 PSU G3	220 to 240 V	32 W	72783099	SM100C LED37S 840 W60L60 PSU G3	220 to 240 V	32 W
01513751	RC100B LED37S 865 W30L120 PSU UNV G3	110 to 277 V	32 W	72782399	RC100B LED37S 840 W60L60 PSU G3	220 to 240 V	32 W
72784799	SM100C LED37S 840 W30L120 PSU G3	220 to 240 V	32 W	01510851	RC100B LED37S 840 W60L60 PSD OC G3	220 to 240 V	32 W
01519551	SM100C LED37S 840 W30L120 PSD G3	220 to 240 V	32 W	01510951	RC100B LED37S 865 W60L60 PSU G3	220 to 240 V	32 W
01519951	SM100C LED37S 865 W30L120 PSU UNV G3	110 to 277 V	32 W	51949799	RC100B LED37S 840 W60L60 PSD G3	220 to 240 V	32 W
52116299	RC100B LED27S 840 W60L60 PSU G3	220 to 240 V	23 W	01511451	RC100B LED37S 840 W60L60 PSU UNV G3	110 to 277 V	32 W
01508651	RC100B LED27S 865 W60L60 PSU G3	220 to 240 V	23 W	01568841	RC100X LED37S 840 W60L60 IAR G3	220 to 240 V	31 W
01509551	RC100B LED37S 840 W603L603 PSU UNV G3	110 to 277 V	32 W	01514351	RC100B LED54S 840 W60L120 PSU G3	220 to 240 V	44 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
01513051	RC100B LED37S 840 W30L120 PSD OC G3	Yes	01509651	SM100C LED37S 840 W60L60 PSD G3	Yes
01513251	RC100B LED37S 840 W30L120 PSD G3	Yes	01509951	SM100C LED27S 840 W60L60 PSU G3	No
72781699	RC100B LED37S 840 W30L120 PSU G3	No	72783099	SM100C LED37S 840 W60L60 PSU G3	No
01513751	RC100B LED37S 865 W30L120 PSU UNV G3	No	72782399	RC100B LED37S 840 W60L60 PSU G3	No
72784799	SM100C LED37S 840 W30L120 PSU G3	No	01510851	RC100B LED37S 840 W60L60 PSD OC G3	Yes
01519551	SM100C LED37S 840 W30L120 PSD G3	Yes	01510951	RC100B LED37S 865 W60L60 PSU G3	No
01519951	SM100C LED37S 865 W30L120 PSU UNV G3	No	51949799	RC100B LED37S 840 W60L60 PSD G3	Yes
52116299	RC100B LED27S 840 W60L60 PSU G3	No	01511451	RC100B LED37S 840 W60L60 PSU UNV G3	No
01508651	RC100B LED27S 865 W60L60 PSU G3	No	01568841	RC100X LED37S 840 W60L60 IAR G3	Yes
01509551	RC100B LED37S 840 W603L603 PSU UNV G3	No	01514351	RC100B LED54S 840 W60L120 PSU G3	No

