PHILIPS

Lighting



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

GreenPerform Troffer

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 50.000h	L70B50
Correlated color temperature - CCT	840 865
UGR	19 is available through certain types
Installation	Recessed

Versions



GreenPerform Troffer RC100B 30x120

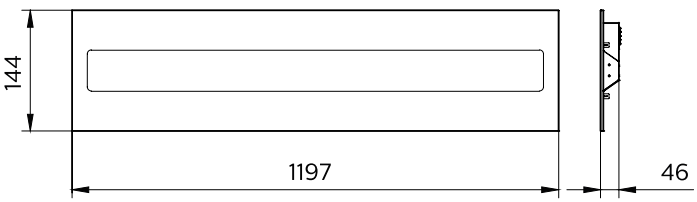


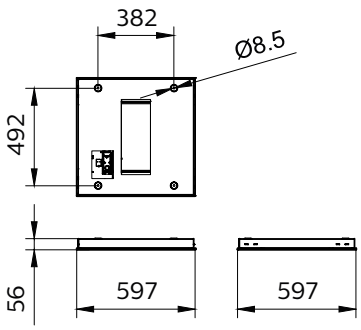
GreenPerform Troffer RC100B 60x60

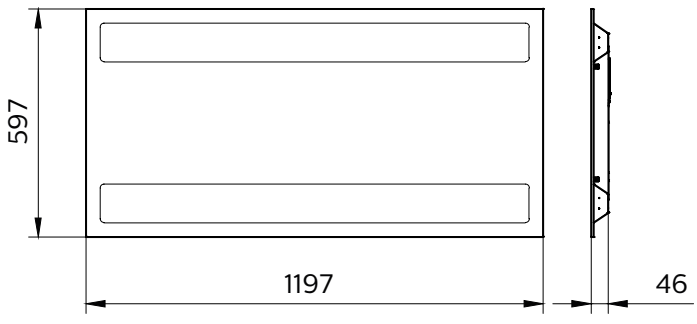


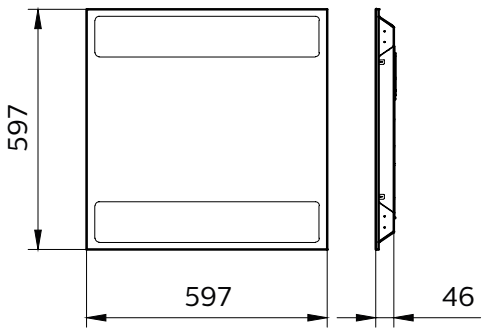
GreenPerform Troffer RC100B 60x120

Dimensional drawing

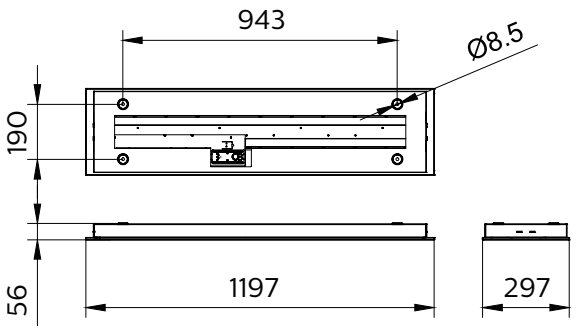








Dimensional drawing



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

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401513051	RC100B LED37S 840 W30L120 PSD OC G3	4000 K	121 lm/W	3,700 lm
911401513351	RC100B LED37S 840 W30L120 PSU G3	4000 K	116 lm/W	3,700 lm
911401513751	RC100B LED37S 865 W30L120 PSU UNV G3	6500 K	116 lm/W	3,700 lm
911401519451	SM100C LED37S 840 W30L120 PSU G3	4000 K	116 lm/W	3,700 lm
911401519551	SM100C LED37S 840 W30L120 PSD G3	4000 K	116 lm/W	3,700 lm
911401519951	SM100C LED37S 865 W30L120 PSU UNV G3	6500 K	116 lm/W	3,700 lm
911401508451	RC100B LED27S 840 W60L60 PSU G3	4000 K	117 lm/W	2,700 lm
911401508651	RC100B LED27S 865 W60L60 PSU G3	6500 K	117 lm/W	2,700 lm
911401509651	SM100C LED37S 840 W60L60 PSD G3	4000 K	116 lm/W	3,700 lm
911401509951	SM100C LED27S 840 W60L60 PSU G3	4000 K	117 lm/W	2,700 lm
911401510151	SM100C LED37S 840 W60L60 PSU G3	4000 K	116 lm/W	3,700 lm
911401510751	RC100B LED37S 840 W60L60 PSU G3	4000 K	116 lm/W	3,700 lm
911401510851	RC100B LED37S 840 W60L60 PSD OC G3	4000 K	121 lm/W	3,700 lm
911401510951	RC100B LED37S 865 W60L60 PSU G3	6500 K	116 lm/W	3,700 lm
911401511151	RC100B LED37S 840 W60L60 PSD G3	4000 K	116 lm/W	3,700 lm
911401511451	RC100B LED37S 840 W60L60 PSU UNV G3	4000 K	116 lm/W	3,700 lm
911401568841	RC100X LED37S 840 W60L60 IAR G3	4000 K	119 lm/W	3,700 lm

GreenPerform Troffer

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401514351	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
911401513051	RC100B LED37S 840 W30L120 PSD OC G3	220 to 240 V	32 W
911401513351	RC100B LED37S 840 W30L120 PSU G3	220 to 240 V	32 W
911401513751	RC100B LED37S 865 W30L120 PSU UNV G3	110 to 277 V	32 W
911401519451	SM100C LED37S 840 W30L120 PSU G3	220 to 240 V	32 W
911401519551	SM100C LED37S 840 W30L120 PSD G3	220 to 240 V	32 W
911401519951	SM100C LED37S 865 W30L120 PSU UNV G3	110 to 277 V	32 W
911401508451	RC100B LED27S 840 W60L60 PSU G3	220 to 240 V	23 W
911401508651	RC100B LED27S 865 W60L60 PSU G3	220 to 240 V	23 W
911401509651	SM100C LED37S 840 W60L60 PSD G3	220 to 240 V	32 W

Order Code	Full Product Name	Input Voltage	Power Consumption
911401509951	SM100C LED27S 840 W60L60 PSU G3	220 to 240 V	23 W
911401510151	SM100C LED37S 840 W60L60 PSU G3	220 to 240 V	32 W
911401510751	RC100B LED37S 840 W60L60 PSU G3	220 to 240 V	32 W
911401510851	RC100B LED37S 840 W60L60 PSD OC G3	220 to 240 V	32 W
911401510951	RC100B LED37S 865 W60L60 PSU G3	220 to 240 V	32 W
911401511151	RC100B LED37S 840 W60L60 PSD G3	220 to 240 V	32 W
911401511451	RC100B LED37S 840 W60L60 PSU UNV G3	110 to 277 V	32 W
911401568841	RC100X LED37S 840 W60L60 IAR G3	220 to 240 V	31 W
911401514351	RC100B LED54S 840 W60L120 PSU G3	220 to 240 V	44 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401513051	RC100B LED37S 840 W30L120 PSD OC G3	Yes
911401513351	RC100B LED37S 840 W30L120 PSU G3	No
911401513751	RC100B LED37S 865 W30L120 PSU UNV G3	No
911401519451	SM100C LED37S 840 W30L120 PSU G3	No
911401519551	SM100C LED37S 840 W30L120 PSD G3	Yes
911401519951	SM100C LED37S 865 W30L120 PSU UNV G3	No
911401508451	RC100B LED27S 840 W60L60 PSU G3	No
911401508651	RC100B LED27S 865 W60L60 PSU G3	No
911401509651	SM100C LED37S 840 W60L60 PSD G3	Yes

Order Code	Full Product Name	Dimmable
911401509951	SM100C LED27S 840 W60L60 PSU G3	No
911401510151	SM100C LED37S 840 W60L60 PSU G3	No
911401510751	RC100B LED37S 840 W60L60 PSU G3	No
911401510851	RC100B LED37S 840 W60L60 PSD OC G3	Yes
911401510951	RC100B LED37S 865 W60L60 PSU G3	No
911401511151	RC100B LED37S 840 W60L60 PSD G3	Yes
911401511451	RC100B LED37S 840 W60L60 PSU UNV G3	No
911401568841	RC100X LED37S 840 W60L60 IAR G3	Yes
911401514351	RC100B LED54S 840 W60L120 PSU G3	No

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