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
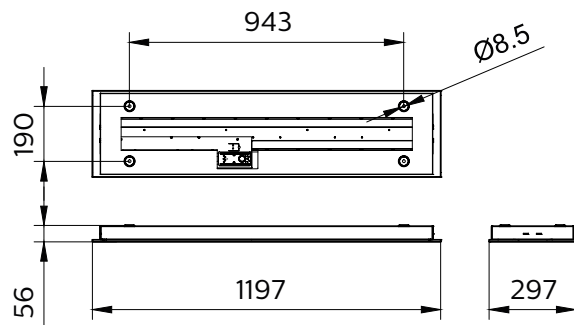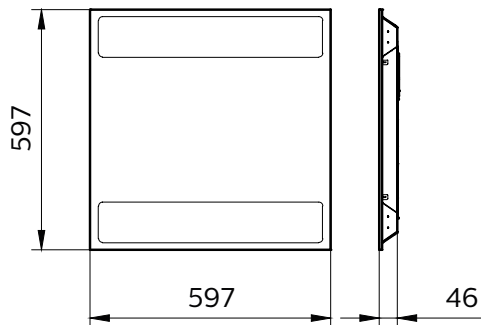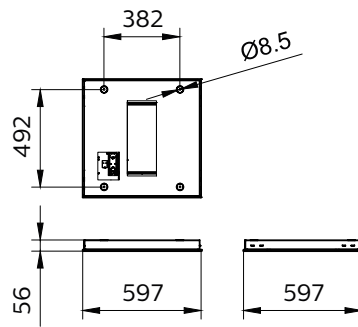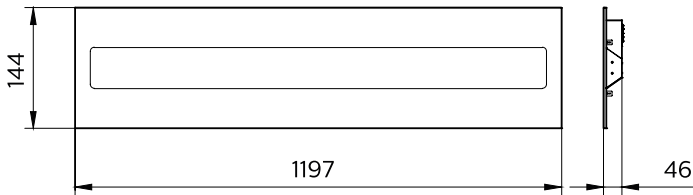· Meeting Room
· Training Room

GreenPerform Troffer

Specifications

Ceiling type	T-bar ceiling	**Lumen maintenance at**	L70B50
Mains Voltage	220-240V / 50-60Hz	**median useful life**	
Dimming	PSU: non-dimmable	**50.000h**	
	PSD: Dimmable via Dali-broadcasting	**Correlated color**	840
	WIA: Wireless control, compatible with Interact	**temperature – CCT**	865
	SIA: Wireless control, compatible with Interact and with SNS210	**UGR**	19 is available through certain types
	sensor	**Installation**	Recessed
Control system input	Dali		

Dimensional drawing

GreenPerform Troffer

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

Input Voltage	220 to 240 V
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
911401513251	RC100B LED37S 840 W30L120 PSD G3	4000 K	116 lm/W	3,700 lm
911401513351	RC100B LED37S 840 W30L120 PSU G3	4000 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
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
911401511151	RC100B LED37S 840 W60L60 PSD G3	4000 K	116 lm/W	3,700 lm
911401568841	RC100X LED37S 840 W60L60 IAR G3	4000 K	119 lm/W	3,700 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401513051	RC100B LED37S 840 W30L120 PSD OC G3	32 W
911401513251	RC100B LED37S 840 W30L120 PSD G3	32 W
911401513351	RC100B LED37S 840 W30L120 PSU G3	32 W
911401519451	SM100C LED37S 840 W30L120 PSU G3	32 W
911401519551	SM100C LED37S 840 W30L120 PSD G3	32 W
911401508651	RC100B LED27S 865 W60L60 PSU G3	23 W
911401509651	SM100C LED37S 840 W60L60 PSD G3	32 W

Order Code	Full Product Name	Power Consumption
911401509951	SM100C LED27S 840 W60L60 PSU G3	23 W
911401510151	SM100C LED37S 840 W60L60 PSU G3	32 W
911401510751	RC100B LED37S 840 W60L60 PSU G3	32 W
911401510851	RC100B LED37S 840 W60L60 PSD OC G3	32 W
911401511151	RC100B LED37S 840 W60L60 PSD G3	32 W
911401568841	RC100X LED37S 840 W60L60 IAR G3	31 W

Controls and Dimming

GreenPerform Troffer

Order Code	Full Product Name	Dimmable
911401513051	RC100B LED37S 840 W30L120 PSD OC G3	Yes
911401513251	RC100B LED37S 840 W30L120 PSD G3	Yes
911401513351	RC100B LED37S 840 W30L120 PSU G3	No
911401519451	SM100C LED37S 840 W30L120 PSU G3	No
911401519551	SM100C LED37S 840 W30L120 PSD G3	Yes
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
911401511151	RC100B LED37S 840 W60L60 PSD G3	Yes
911401568841	RC100X LED37S 840 W60L60 IAR G3	Yes

www.lighting.philips.com

2023, August 2 – data subject to change