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
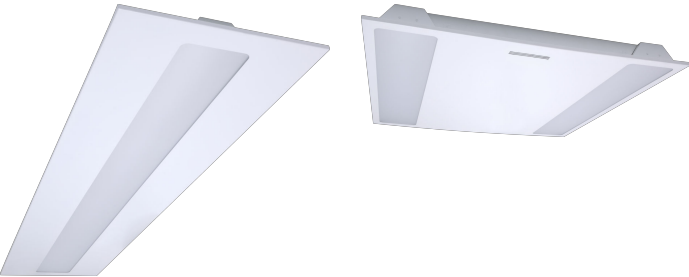
GreenPerform Troffer RC100B 30x120

GreenPerform Troffer RC100B 60x60

Dimensional drawing

144

1197

46

597

597

46

GreenPerform Troffer
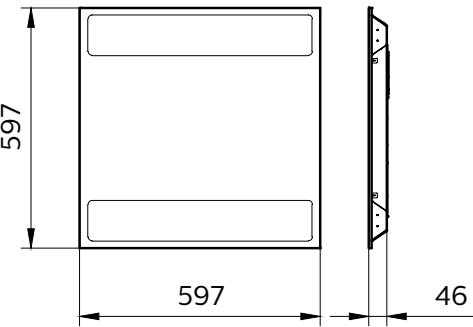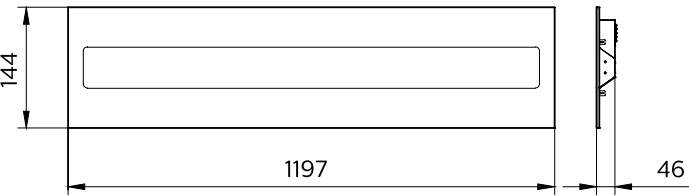
General Information

Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes

Light Technical

Color rendering index (CRI)	80
Luminous Flux	3,700 lm

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No

Mechanical and Housing

Optical cover type	Variable linear-lens array in polycarbonate cover
Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP20

Approval and Application

Ambient temperature range	-20 to +40 °C
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 600 °C, duration 30 s

Initial Performance (IEC Compliant)

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

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
911401513351	RC100B LED37S 840 W30L120 PSU G3	4000 K	116 lm/W
911401510751	RC100B LED37S 840 W60L60 PSU G3	4000 K	116 lm/W
911401510951	RC100B LED37S 865 W60L60 PSU G3	6500 K	116 lm/W
911401511151	RC100B LED37S 840 W60L60 PSD G3	4000 K	116 lm/W
911401568841	RC100X LED37S 840 W60L60 IAR G3	4000 K	119 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401513351	RC100B LED37S 840 W30L120 PSU G3	32 W
911401510751	RC100B LED37S 840 W60L60 PSU G3	32 W
911401510951	RC100B LED37S 865 W60L60 PSU G3	32 W

Order Code	Full Product Name	Power Consumption
911401511151	RC100B LED37S 840 W60L60 PSD G3	32 W
911401568841	RC100X LED37S 840 W60L60 IAR G3	31 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401513351	RC100B LED37S 840 W30L120 PSU G3	No
911401510751	RC100B LED37S 840 W60L60 PSU G3	No
911401510951	RC100B LED37S 865 W60L60 PSU G3	No

Order Code	Full Product Name	Dimmable
911401511151	RC100B LED37S 840 W60L60 PSD G3	Yes
911401568841	RC100X LED37S 840 W60L60 IAR G3	Yes

GreenPerform Troffer

www.lighting.philips.com

2024, August 29 – data subject to change