# 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**

## Dimensional drawing
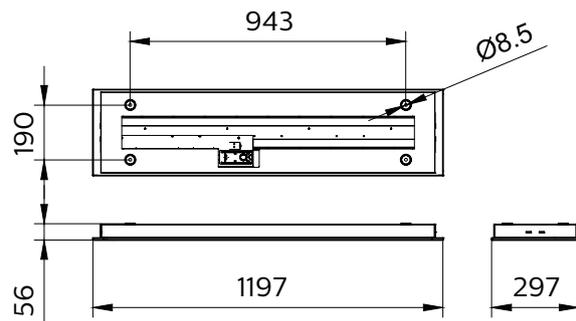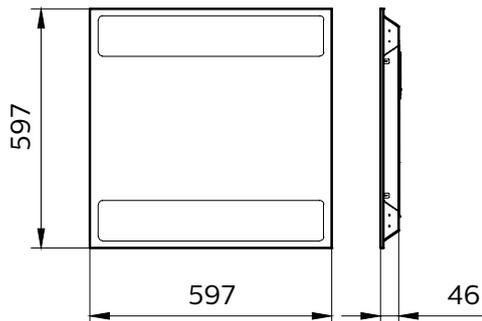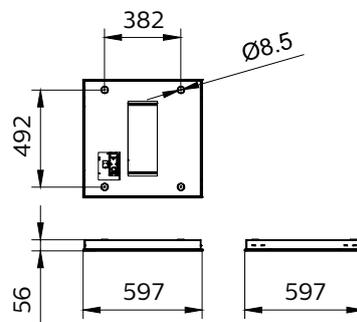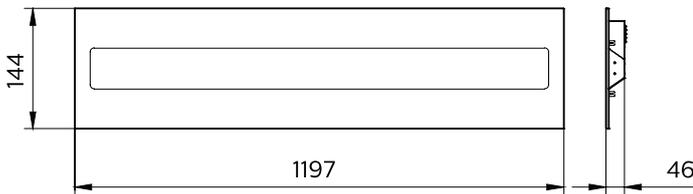
# GreenPerform Troffer

## General Information

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

## Light Technical

| | |
|---|---|
| Correlated Color Temperature (Nom) | 4000 K |
| Color rendering index (CRI) | 80 |

## 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 | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|---|---|---|---|
| 911401513351 | RC100B LED37S 840 W30L120 PSU G3 | 116 lm/W | 3,700 lm |
| 911401519451 | SM100C LED37S 840 W30L120 PSU G3 | 116 lm/W | 3,700 lm |
| 911401508451 | RC100B LED27S 840 W60L60 PSU G3 | 117 lm/W | 2,700 lm |
| 911401510151 | SM100C LED37S 840 W60L60 PSU G3 | 116 lm/W | 3,700 lm |
| 911401510751 | RC100B LED37S 840 W60L60 PSU G3 | 116 lm/W | 3,700 lm |
| 911401511151 | RC100B LED37S 840 W60L60 PSD G3 | 116 lm/W | 3,700 lm |

## Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 911401513351 | RC100B LED37S 840 W30L120 PSU G3 | 32 W |
| 911401519451 | SM100C LED37S 840 W30L120 PSU G3 | 32 W |
| 911401508451 | RC100B LED27S 840 W60L60 PSU G3 | 23 W |

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 911401510151 | SM100C LED37S 840 W60L60 PSU G3 | 32 W |
| 911401510751 | RC100B LED37S 840 W60L60 PSU G3 | 32 W |
| 911401511151 | RC100B LED37S 840 W60L60 PSD G3 | 32 W |

## Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|---|---|---|
| 911401513351 | RC100B LED37S 840 W30L120 PSU G3 | No |
| 911401519451 | SM100C LED37S 840 W30L120 PSU G3 | No |
| 911401508451 | RC100B LED27S 840 W60L60 PSU G3 | No |

| Order Code | Full Product Name | Dimmable |
|---|---|---|
| 911401510151 | SM100C LED37S 840 W60L60 PSU G3 | No |
| 911401510751 | RC100B LED37S 840 W60L60 PSU G3 | No |
| 911401511151 | RC100B LED37S 840 W60L60 PSD G3 | Yes |

# GreenPerform Troffer

www.lighting.philips.com

2023, August 2 – data subject to change