



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 |

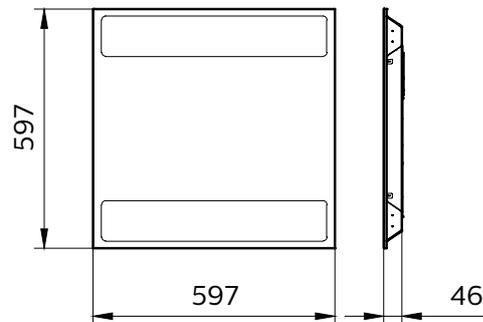
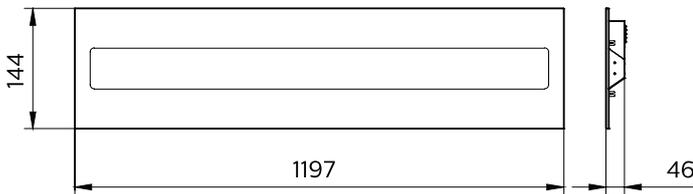
| | |
|--|---------------------------------------|
| Lumen maintenance at median useful life 50.000h | L70B50 |
| Correlated color temperature - CCT | 840 |
| UGR | 19 is available through certain types |
| Installation | Recessed |

Versions



GreenPerform Troffer RC100B 30x120

Dimensional drawing



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 | Luminous Efficacy (rated) |
|--------------|----------------------------------|-------------------|---------------------------|
| | | Temperature (Nom) | (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 |

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