# GreenPerform Troffer

## RC100B LED37S 840 W30L120 PSD G3

GreenPerform Troffer, 116 lm/W, 840 neutral white, DALI

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.

### Product data

| General Information | |
|---|---|
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Service tag** | Yes |
| **Value ladder** | Performance |
| **Warranty period** | 3 years |

| Light Technical | |
|---|---|
| **Luminous Flux** | 3,700 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 116 lm/W |
| **Color rendering index (CRI)** | 80 |
| **Light source color** | 840 neutral white |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 21 A |
| **Inrush time** | 280 ms |
| **Power Consumption** | 32 W |
| **Power Factor (Fraction)** | 0.9 |
| **Number of products on MCB of 16 A type B** | 24 |
| **Suitable for random switching** | No |
| **Protection class IEC** | Safety class I |

| Controls and Dimming | |
|---|---|
| **Dimmable** | Yes |
| **Control interface** | DALI |
| **Constant light output** | No |

| Mechanical and Housing | |
|---|---|
| **Housing Material** | Metal |
| **Optic material** | Polycarbonate |
| **Optical cover material** | Polycarbonate |
| **Fixation material** | Steel |
| **Housing Color** | White |
| **Optical cover finish** | Ribbed |
| **Overall length** | 1,197 mm |

# GreenPerform Troffer

| | |
|---|---|
| **Overall width** | 297 mm |
| **Overall height** | 46 mm |
| **Dimensions (Height x Width x Depth)** | 46 x 297 x 1197 mm |
| **Ingress protection code** | IP20 [Finger-protected] |
| **Mech. impact protection code** | IK03 [0.3 J] |
| **Optical cover type** | Variable linear-lens array in polycarbonate cover |
| **Net Weight (Piece)** | 2.799 kg |

## Approval and Application

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

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | SDCM<4 |
| **Power consumption tolerance** | +/-10% |

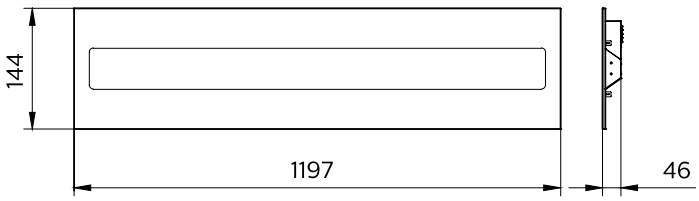
## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Median useful life L70B50** | 50,000 hour(s) |

## Product Data

| | |
|---|---|
| **Order product name** | RC100B LED37S 840 W30L120 PSD G3 |
| **Full product name** | RC100B LED37S 840 W30L120 PSD G3 |
| **Full product code** | 911401513251 |
| **Order code** | 911401513251 |
| **Material Nr. (12NC)** | 911401513251 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 2 |

## Dimensional drawing

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