

# Green Perform Troffer

## RC100B LED37S 840 W30L120 PSD G3

Variable linear-lens array in polycarbonate cover -

GreenPerform Troffer improves the compact design of the last generation with performance improvement and more variants for different markets. Integrates with all available systems: POE, InterAct office wireless, InterAct Office Pro, ActiLume controller, GreenPerform Troffer offers additional energy saving and connected features.

### Product data

| General information                     |                                                             |
|-----------------------------------------|-------------------------------------------------------------|
| Light source colour                     | 840 neutral white                                           |
| Light source replaceable                | No                                                          |
| Number of gear units                    | 1 unit                                                      |
| Driver included                         | Yes                                                         |
| Optical cover/lens type                 | VAR-PC [ Variable linear-lens array in polycarbonate cover] |
| Control interface                       | DALI                                                        |
| Protection class IEC                    | Safety class I (I)                                          |
| Glow-wire test                          | 60030 [ Temperature 600 °C, duration 30 s]                  |
| Flammability mark                       | F [ For mounting on normally flammable surfaces]            |
| CE mark                                 | CE mark                                                     |
| Warranty period                         | 3 years                                                     |
| Constant light output                   | No                                                          |
| Number of products on MCB (16 A type B) | 24                                                          |
| Light source engine type                | LED                                                         |
| Operating and electrical                |                                                             |
| Input Voltage                           | 220 to 240 V                                                |

| Input frequency             | 50 to 60 Hz   |
|-----------------------------|---------------|
| Inrush current              | 21 A          |
| Inrush time                 | 280 ms        |
| Power factor (min.)         | 0.9           |
| Controls and dimming        |               |
| Dimmable                    | Yes           |
| Mechanical and housing      |               |
| Housing material            | Metal         |
| Optic material              | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material           | Steel         |
| Optical cover/lens finish   | Ribbed        |
| Overall length              | 1197 mm       |
| Overall width               | 297 mm        |
| Overall height              | 46 mm         |
| Colour                      | White         |

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## Approval and application

|                              |                          |
|------------------------------|--------------------------|
| Ingress protection code      | IP20 [ Finger-protected] |
| Mech. impact protection code | IK03 [ 0.3 J]            |

## Initial performance (IEC compliant)

|                                     |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 3700 lm  |
| Luminous flux tolerance             | +/-10%   |
| Initial LED luminaire efficacy      | 116 lm/W |
| Init. Corr. Colour Temperature      | 4000 K   |
| Init. Colour rendering index        | 80       |
| Initial chromaticity                | SDCM<4   |
| Initial input power                 | 32 W     |
| Power consumption tolerance         | +/-10%   |

## Over time performance (IEC compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

## Application conditions

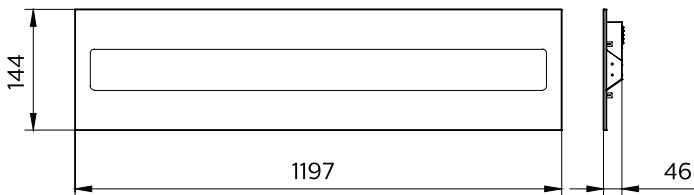
|                               |               |
|-------------------------------|---------------|
| Ambient temperature range     | -20 to +40 °C |
| Suitable for random switching | No            |

## Product data

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Full product code                 | 911401513251                     |
| Order product name                | RC100B LED37S 840 W30L120 PSD G3 |
| Order code                        | 01513251                         |
| SAP numerator – quantity per pack | 1                                |
| Numerator – packs per outer box   | 2                                |
| SAP material                      | 911401513251                     |
| Copy Net Weight (Piece)           | 2.799 kg                         |



## Dimensional drawing



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