



# **GreenPerform Troffer**

## SM100C LED54S 840 W60L120 PSU G3

GreenPerform Troffer, 44 W, 5400 lm, 4000 K, Ribbed, Finger-protected

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                                |
| CE mark                            | CE mark                            |
| Warranty period                    | 3 years                            |
| Flammability mark                  | For mounting on normally flammable |
|                                    | surfaces                           |
| Glow-wire test                     | Temperature 600 °C, duration 30 s  |
|                                    |                                    |
| Light Technical                    |                                    |
| Luminous Flux                      | 5,400 lm                           |
| Correlated Color Temperature (Nom) | 4000 K                             |
| Luminous Efficacy (rated) (Nom)    | 123 lm/W                           |
| Color rendering index (CRI)        | 80                                 |
| Light source color                 | 840 neutral white                  |
|                                    |                                    |

| Optical cover type                          | Variable linear-lens array in polycarbonate |  |
|---|---|--|
|   | cover                                       |  |
|   |   |  |
| Operating and Electrical                    |   |  |
| Input Voltage                               | 220 to 240 V                                |  |
| Line Frequency                              | 50 to 60 Hz                                 |  |
| Inrush current                              | 3 A   |  |
| Inrush time                                 | 62 ms                                       |  |
| Power Consumption                           | 44 W  |  |
| Power Factor (Fraction)                     | 0.9   |  |
| Number of products on MCB of 16 A type B 24 |   |  |
|   |   |  |
| Temperature                                 |   |  |
| Ambient temperature range                   | -20 to +40 °C                               |  |
|   |   |  |
| Controls and Dimming                        |   |  |
| Dimmable                                    | No  |  |
| Control interface                           | -   |  |
|   |   |  |

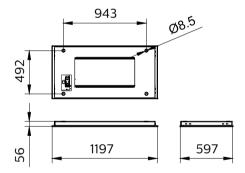
Datasheet, 2023, December 7 data subject to change

# **GreenPerform Troffer**

| 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                |
| Overall width                       | 597 mm                  |
| Overall height                      | 56 mm                   |
| Dimensions (Height x Width x Depth) | 56 x 597 x 1197 mm      |
|                                     |                         |
| Approval and Application            |                         |
| Ingress protection code             | IP20 [Finger-protected] |
| Mech. impact protection code        | IK03 [0.3 J]            |
| Protection class IEC                | Safety class I          |
|                                     |                         |
| 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)                   |
|                                       |                                  |
| Application Conditions                |                                  |
| Suitable for random switching         | No                               |
|                                       |                                  |
| Product Data                          |                                  |
| Order product name                    | SM100C LED54S 840 W60L120 PSU G3 |
| Full product name                     | SM100C LED54S 840 W60L120 PSU G3 |
| Full product code                     | 911401519651                     |
| Order code                            | 911401519651                     |
| Material Nr. (12NC)                   | 911401519651                     |
| Numerator - Quantity Per Pack         | 1                                |
| Numerator - Packs per outer box       | 2                                |
|                                       |                                  |

## Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.