



Alkco SurgiCare LED Troffer is a completely sealed troffer for use in modern surgical suites. The fixture is sealed against environmental ingress by dust or water, and the fixture is designed to meet the latest electromagnetic interference control ratings, with optional MIL-STD-461-G compliance.

**Note: White and green options available.**

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

#### Ordering guide

Example: 2SGT4G-220L840-AL-AL-AS-120-DIM-EMLED

Width	Fixture Family	Length	Mounting	Lumen Output	CCT	Housing Material	Door Material	Lens	Voltage	Driver	Options
	SGT	4				HST	DST				
1 ft	SGT Surgical troffer	4 ft	G Grid F Flange	33L 3300lm 44L 4400lm 55L 5500lm 88L 8800lm <sup>1</sup> 98L 9800lm <sup>1</sup> 130L 13000lm <sup>1</sup>	820 80 CRI, 2000K 827 80 CRI, 2700K 830 80 CRI, 3000K 835 80 CRI, 3500K 840 80 CRI, 4000K 850 80 CRI, 5000K 930 90 CRI, 3000K 935 90 CRI, 3500K 940 90 CRI, 4000K 950 90 CRI, 5000K	S Cold Rolled Steel, painted antimicrobial matte white AL Aluminum Housing, Painted antimicrobial matte white SSB Stainless Steel, Brushed (antimicrobial matte white, not available on brushed) SSP Stainless Steel, painted antimicrobial matte white	S Steel AL Aluminium SSB Brushed Stainless SSP Painted Stainless	AS Asymmetric ASR Asymmetric with RFI grid SYM Symmetric pattern I2	120 120V 277 277V 347 347V	DIM 0-10V, 10% Dimming 1DIM 0-10V, 1% Dimming	2C 2 circuits EMLED <sup>1</sup> 10W battery pack, accessible from below EMLED/RA <sup>1</sup> 20W battery pack EMLED20 <sup>1</sup> 20W battery pack, accessible from below CPH Continuous Piano Hinge MIL <sup>1</sup> MIL-STD-461-G compliant MIL/2C <sup>1</sup> MIL-STD-461-G compliant, 2-circuits

#### Footnotes

1 Thermal Insulation Detector included for 88L, 98L and 130L.



# 1SGT4 SurgiCare LED Troffer 1x4

## Surgical suite luminaire

### Features

- Lumen package options ranging from 3300-13000 lumens
- Die-formed steel housing and door; stainless steel and aluminum available
- Fixture is gasketed to seal against environmental ingress.
- Grid and flange mounting options.

### Electrical

- Solid state LEDs available in 80CRI or 90CRI
- Choice of multiple CCTs
- 0-10V dimming driver, choice of 10% and 1% dimming
- Option to specify 2 separate switching circuits

### Construction

- **Housing:** 20 ga sheet metal construction. Choice of Aluminum, Steel, or Stainless Steel
- **Door:** Choice of aluminum, Steel, or Stainless Steel inset door. Door secured via aircraft cables as standard. Continuous piano hinge optional.
- **Finish:** Antimicrobial matte white powder coat paint finish. Optional brushed finish on stainless steel
- **Diffuser:** Choice of asymmetric, asymmetric with RFI grid, and symmetric pattern 12 acrylic lens. Smooth side faces out to present a wipe down surface

### Fasteners

- Stainless steel Phillips-head screws secure door to housing
- Screws will complement door finishes

### Compliance and Warranty

- cULus wet location listed
- NSF, IP66, and ISO5 cleanroom rated
- Optional MIL-STD-461-G compliance
- Warranty - 5 years
- BAA standard/rating

### Energy data

1x4 white performance table

Lumen Output	Wattage	Lumens	Efficacy (LPW)
33L	23.4	3273	140
44L	33.3	4383	132
65L	46.8	6546	140
88L	66.6	8766	132
98L	70.2	9819	140
130L	99.9	13149	132

#### Note:

This table reflects 4000K and using an asymmetric lens

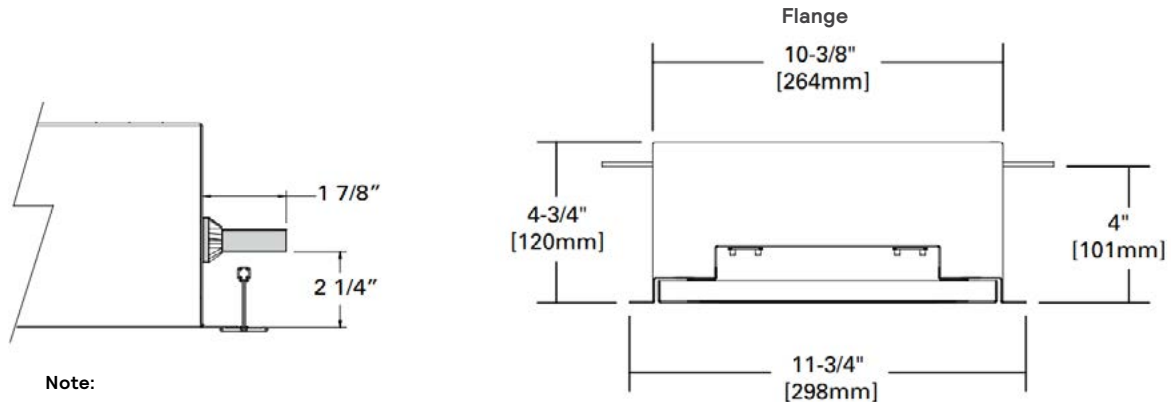
# 1SGT4 SurgiCare LED Troffer 1x4

## Surgical suite luminaire

### Dimensions

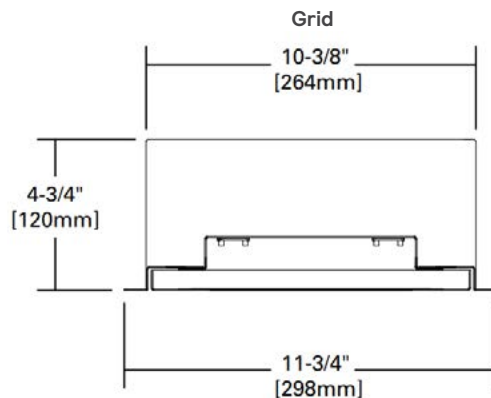
#### Flange ceiling cutout:

1x4: 10-5/8" x 46-5/8"



#### Note:

No insulation can be placed on a fixture with thermal protection



Note: This is not a medical device and is to be used for general illumination purposes only.

### Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit [www.signify.com/baa](http://www.signify.com/baa) to view a current list of BAA-compliant products to confirm this product's current compliance.



© 2023 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. 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.

Signify North America Corporation  
400 Crossing Blvd, Suite 600  
Bridgewater, NJ 08807  
Telephone 800-555-0050

Signify Canada Ltd.  
281 Hillmount Road,  
Markham, ON, Canada L6C 2S3  
Telephone 800-668-9008

All trademarks are owned by Signify Holding or their respective owners.