



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. White and green options available.

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

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering guide

Example: 1SGT4G65L840-S-S-AS-347-DIM

Width	Fixture Family	Length	Mounting	White Lumen Output	CCT/CRI	Housing Material
<input type="text" value="1"/>	<input type="text" value="SGT"/>	<input type="text" value="4"/>				<input type="text" value="HST"/>
1 ft	SGT Surgical troffer	4 ft	G Grid F Flange	33L 3300lm 44L 4400lm 65L 6500lm 88L 8800lm ¹ 98L 9800lm ¹ 130L 13000lm ¹	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
Door Material	Lens	Voltage	Driver	Options		
<input type="text" value="DST"/>						
S Steel AL Aluminium SSB Brushed Stainless SSP Painted Stainless	AS Asymmetric ASR Asymmetric with RFI grid SYM Symmetric pattern 12	120 120V 277 277V 347 347V	DIM2C 0-10V, 10% Dimming 1DIM2C 0-10V, 1% Dimming	2C 2 circuits EMLED ¹ 10W emergency EMLED/RA ¹ 10W emergency, access from below EMLED20 ¹ 20W emergency EMLED20/RA ¹ 20W emergency, access from below CPH Continuous Piano Hinge MIL ¹ MIL-STD-461-G compliant MIL/2C ¹ MIL-STD-461-G compliant, 2-circuits		

Footnotes

1 Thermal insulator detector provided for 88L, 98L, and 130L lumen packages when emergency or MIL options are specified



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

Energy data

1x4 white performance table

Lumen Package	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

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
<https://www.signify.com/en-us/support/warranties>
- BAA standard/rating

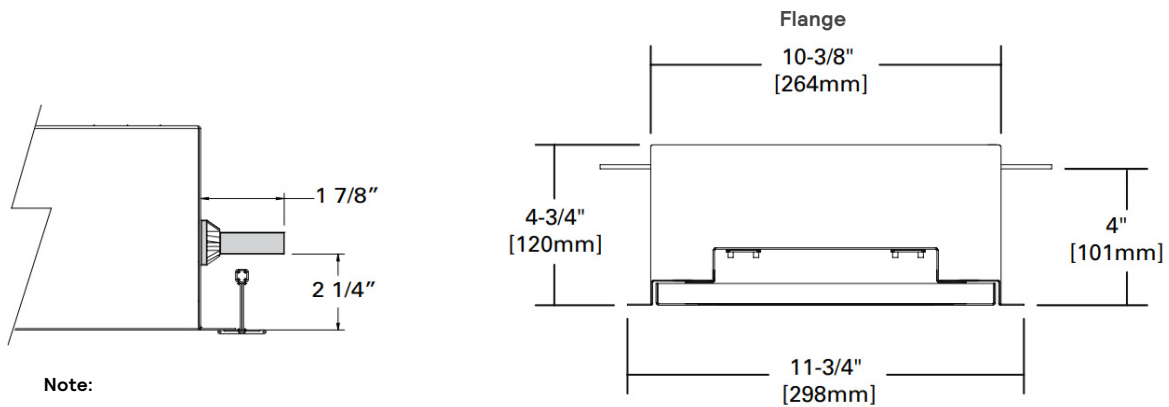
1SGT4 SurgiCare LED Troffer 1x4

Surgical suite luminaire

Dimensions

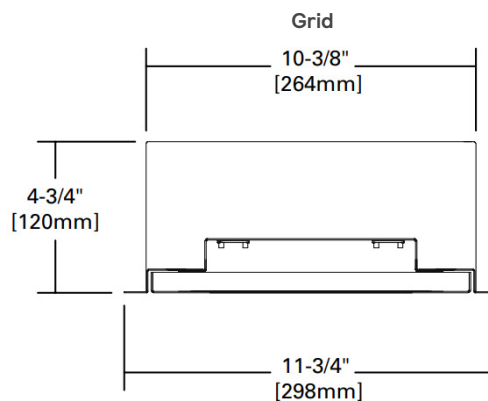
Flange ceiling cutout:

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



Note:

No insulation can be placed on a fixture with thermal protection



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 to view a current list of BAA-compliant products to confirm this product's current compliance.

