

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: 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: 2SGT4G67L93091GSSASR120DIM2CMIL2C

Width	Fixture Family	Length	Mounting	White Lumen Output	CCT/CRI	Green Output	Housing Material
<input type="text" value="2"/>	<input type="text" value="SGT"/>	<input type="text" value="4"/>					<input type="text" value="HST"/>
2 ft	SGT Surgical troffer	4 ft	G Grid F Flange	67L 6700lm 100L 10000lm ³ 130L 13000lm ³ 180L 18000lm ^{3,4}	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	23G 2300lm 45G 4500lm 61G 6100lm 91G 9100lm ⁴ 120G 12000lm ^{3,4} 150G 15000lm ^{2,3,4} 180G 18000lm ^{2,3,4}	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 2 circuits 1DIM2C 0-10V, 1% Dimming 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 insulation detector provided when emergency or MIL options are specified
- 2 150G and 180G not available with white outputs
- 3 120G and higher not available with 100L and higher white outputs
- 4 91G and higher not available with 180L white output



2SGT4 SurgiCare LED Troffer 2x4

Surgical suite luminaire

Features

- Lumen package options ranging from 6700–27000 lm (white) and 2000–7900 lm (green)
- 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
- Separate circuits for independent control of white and green LEDs

Energy data

2x4 white performance table

Lumen Package	Wattage	Lumens	Efficacy (LPW)
67L	46.8	6654	142
100L	70.2	9981	142
130L	100	13366	134
180L	133.2	17822	134

2x4 white-green performance tables

Lumen Package	Wattage	Lumens	Efficacy (LPW)
23G	23.4	2262.36	97
45G	46.8	4524.72	97
61G	66.6	6059.48	91
91G	99.9	9088.88	91
120G	133.2	12118.96	91
150G	166.5	15148.36	91
180G	199.8	18178.44	91

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>

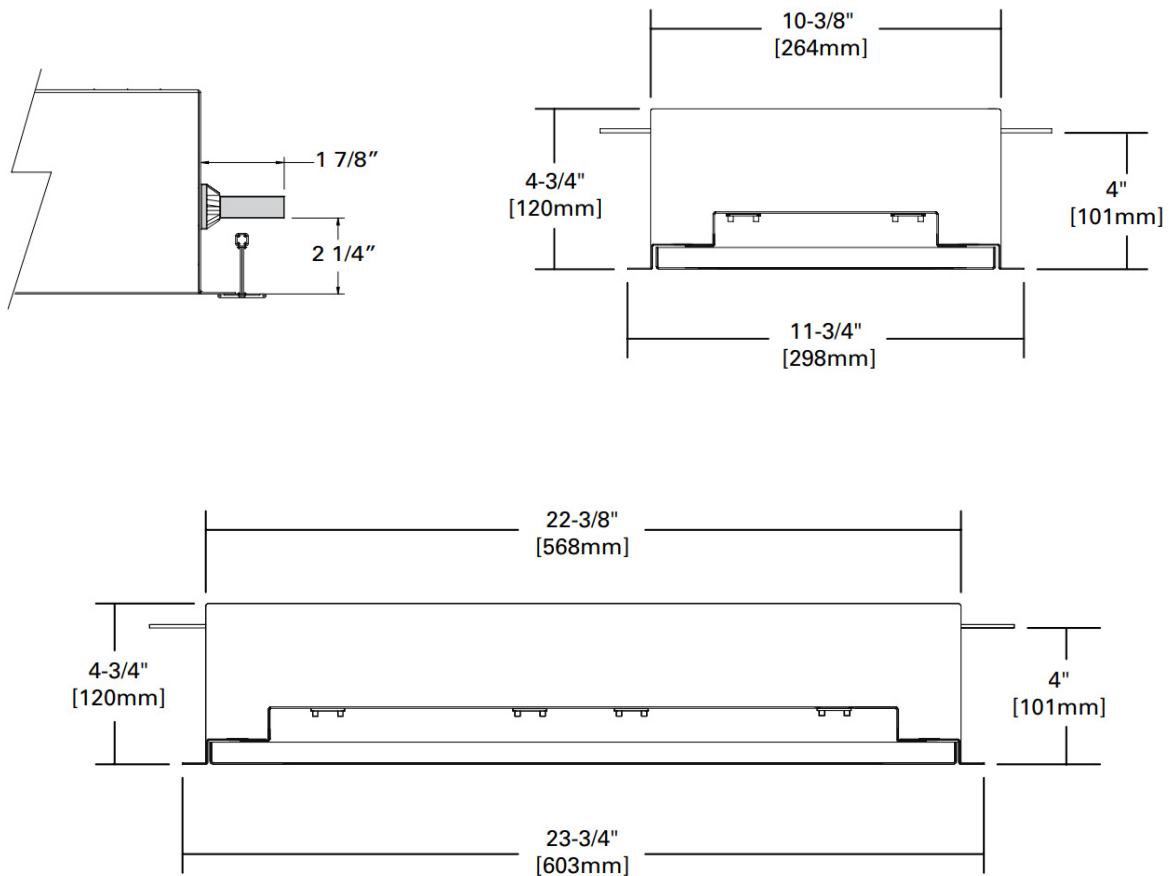
2SGT4 SurgiCare LED Troffer 2x4

Surgical suite luminaire

Dimensions

Flange ceiling cutout:

2x4: 22-5/8" x 46-5/8"



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.

