

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: 2SGT2G78L840-S-S-SYM-120-DIM

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="2"/>					<input type="text" value="HST"/>		
2 ft	SGT Surgical troffer	2 ft	G Grid F Flange	38L ² 3800lm 44L ³ 4400lm 58L ³ 5800lm 78L ⁴ 7800lm	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	22G 2200lm 26G 2600lm 30G 3000lm 40G 4000lm 53G ³ 5300lm 66G ^{2,3,5} 6600lm 79G ^{2,3,5} 7900lm	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	AS Asymmetric	ASR Asymmetric with RFI grid	120 120V	DIM2C 0-10V, 10% Dimming	2C 2 circuits	EMLED ¹ 10W emergency	EMLED20 ¹ 20W emergency	EMLED20/RA ¹ 20W emergency, access from below
SSB Brushed Stainless	SSP Painted Stainless	SYM Symmetric pattern 12		277 277V	1DIM2C 0-10V, 1% Dimming	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 66G and 79G not available with 39L lumen package
- 3 53G, 66G, and 79G not available with 44L and 58L lumen packages
- 4 30G and higher not available with 78L lumen package
- 5 66G and 79G not available with white lumen outputs



2SGT4 SurgiCare LED Troffer 2x2

Surgical suite luminaire

Features

- Provides quality lighting for examination and patient room spaces
- Lumen package options ranging from 3900-7800 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

2x2 white performance table

Lumen Package	Wattage	Lumens	Efficacy (LPW)
39L	33.3	3884	117
44L	35.1	4352	124
58L	50	5827	117
78L	66.6	7770	117

2x2 white-green performance tables

Lumen Package	Wattage	Lumens	Efficacy (LPW)
20G	23.4	1973	84
26G	33.3	2641	79
30G	35.1	2959	84
40G	50	3962	79
53G	66.6	5284	79
66G	83.3	6604	79
79G	99.9	7925	79

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>

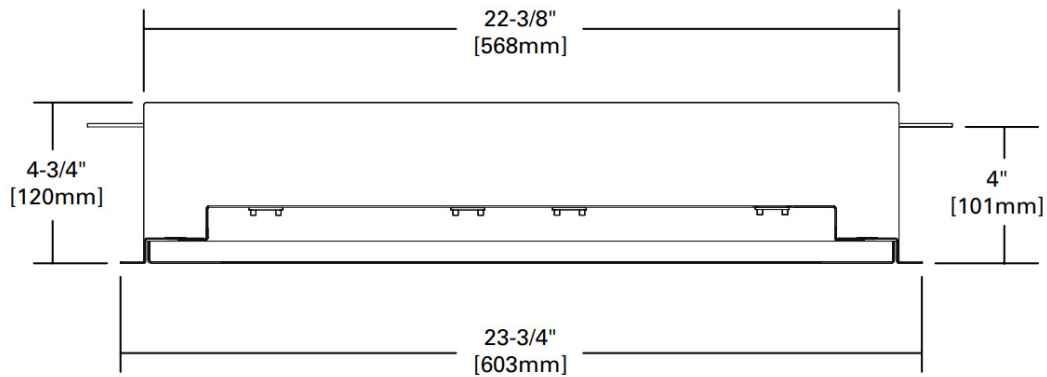
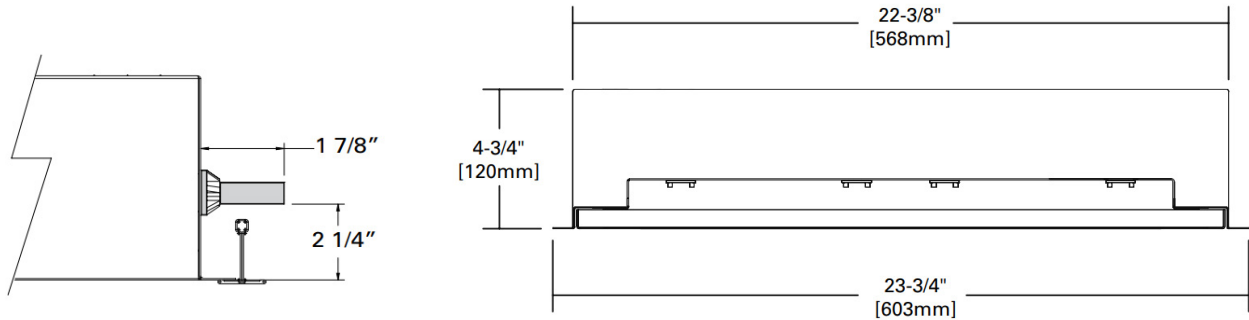
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Surgical suite luminaire

Dimensions

Flange ceiling cutout:

2x2: 22-5/8" x 22-5/8"



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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.

