ALKCO

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: 2SGT2G220L840-AL-AL-AS-120-DIM-EMLED

Width	Fixture Family	Length	Mounting	White Lumen Output	CCT/CRI	Housing Material	
2	SGT	2				HST	
2 ft	SGT Surgical troffer	2 ft	G Grid F Flange	44L 4400lm 58L 5800lm 78L 7800lm 97L 9700lm 120L 12000lm	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	
DST					
S Steel AL Alumnium SSB Brushed Stainless SSP Painted Stainless	AS Asymmetric ASR Asymmetric with RFI grid SYM Symmetric pattern 12	120 120V 277 277V 347 347V	DIM 0-10V, 10% Dimming 1DIM 0-10V, 1% Dimming	2C 2 circuits EMLED[1] 10W battery pack, accessible from below EMLED/RA[1] 20W battery pack EMLED20[1] 20W battery pack, accessible 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 58L, 78L, 97L, and 120L lumen packages when emergency or MIL options are specified

2SGT4 SurgiCare LED Troffer 2x2

Surgical suite luminaire

Features

• Total lumen package 4,400lm–12,000 lm (white)

• 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

2x2 white performance table

Lumen Package	Wattage	Lumens	Efficacy (LPW)
44L	35.1	4352	124
58L	50	5827	117
78L	66.6	7770	117
97L	83.3	9712	117
120L	99.9	11655	117

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
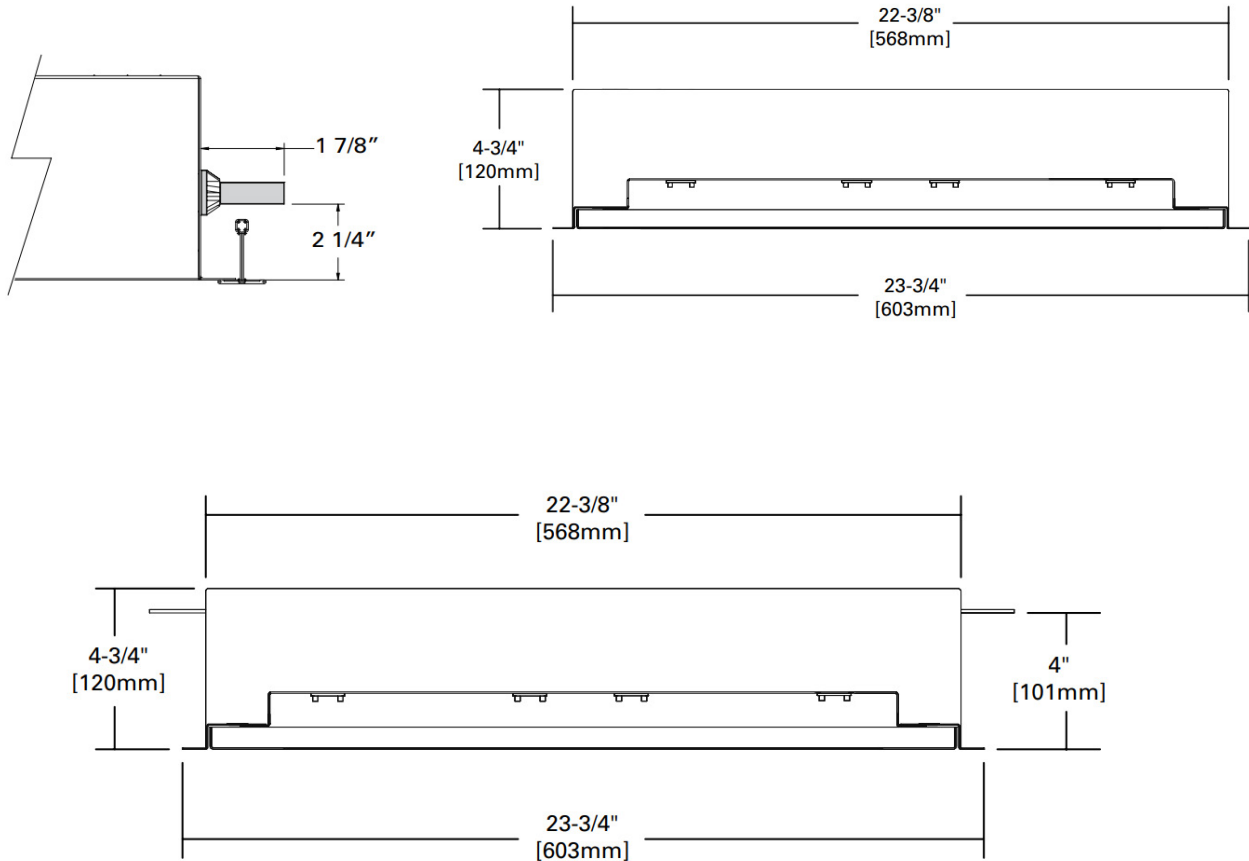 https://www.signify.com/en-us/support/warranties

2SGT4 SurgiCare LED Troffer 2x2

Surgical suite luminaire

Dimensions

Flange ceiling cutout:
2x2: 22-5/8'' x 22-5/8''

22-3/8"
[568mm]

1 7/8"

2 1/4"

4-3/4"
[120mm]

23-3/4"
[603mm]

22-3/8"
[568mm]

4-3/4"
[120mm]

4"
[101mm]

23-3/4"
[603mm]

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