

Alkco SurgiCare LED luminaire is completely sealed for maximum protection in a surgical suite. The housing has no openings above the ceiling, and the door is gasketed to the housing with captive screws. Additionally, safety cables securely hold the door to the housing allowing for ease of maintenance making it the ideal addition to any healthcare facility.

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

Ordering guide

Example: **SSTR24U62L940HSTDST12FUNVDIM1**

Family	Size/Function	Ceiling Type	Lumen Output	Color	Housing Material	Frame Material	Lens
SSTR	24	U			HST	DST	
SSTR SurgiCare troffer	24 2x4	U Grid/flange universal	White 62L 6200lm 120L 12000lm 180L 18000lm 240L 24000lm White/Green¹ 6232L 6200lm White/3200lm Green 12532L 12500lm White/3200lm Green 18032L 18000lm White/3200lm Green 6264L 6200lm White/6400lm Green 6298L 6200lm White/9800lm Green	940 90 CRI, 4000K 950 90 CRI, 5000K	HST 20 gauge CRS	DST 18 gauge CRS	12F .125 Prismatic Acrylic 101 .125 Opal Polycarbonate SYM ² .125 Symm. Prismatic Acrylic w/ RFI Grid ASM ² .150 Symm./Asymm. Prismatic w/ RFI Grid
Voltage		Dimming/Circuits		Options			
UNV 120-277V Universal		DIM1 0-10V, Single Circuit DIM2 ¹ 0-10V, Two Circuit		TR Tamper Resistant Torx Head Screws RFI Radio Interference Filter MIL ² MIL-STD-461F EMLED ³ 10W Integral Emergency TGG Triple Gasketing - Grid Ceiling TGF Triple Gasketing - Flange Ceiling			

Footnotes

- 1 Specify DIM2 option with white/green LED options to independently switch CCTs.
- 2 Use only SYM or ASM lens options with MIL option.
- 3 EMLED option is not available with MIL option. 10W emergency battery pack w/factory installed switch/test light.



SSTR24 SurgiCare LED luminaire 2x4

Surgical suite luminaire

Features

- Standard double gasketing with a closed cell EPDM gasket sealing the lens to the door frame and a closed cell silicone gasket sealing the door frame to housing.
- Optional triple gasket seals the space between the luminaire and the specified ceiling.
- Optional symmetric or asymmetric/symmetric control lens with RFI grid to minimize radiated emissions.
- MIL-STD-461F option for radiated and conducted emissions control. The additional RFI option provides a filter between mains power and the luminaire and is automatically provided with the higher protection spec MIL option.
- 1 or 2 circuit options accommodate switching while maintaining asymmetric/symmetric light distribution.

Specifications

- **Housing:** 20 gauge formed cold rolled steel housing with continuous seam welds to ensure ingress protection.
- **Door Frame:** Overlapping 18 gauge formed cold rolled steel. Door frame is fastened to the housing with aircraft cable. Allows for access to driver(s) and boards from below. Closed cell EPDM and silicone. Door is secured to the housing with captive stainless steel Phillips head fasteners painted white.
- **Lens:** Prismatic acrylic lens options available with symmetric or asymmetric/symmetric patterns. Options for RFI grid in both distribution patterns for use with MIL-STD-461F option.
- **Finish:** Housing and door frame are painted after fabrication with white polyester powder coat. Exposed surfaces are finished with antimicrobial paint.
- **LEDs:** Solid state LED chips with options for white 4000K or 5000K correlated, and minimum 90 color rendering index. Options for combinations of white and green 530nm wavelength available. White and green LED boards are spaced in an alternating fashion.
- **Drivers:** Electronic drivers are universal 120-270V. 0-10v dimmable to 10% with options for one and two circuit switching.
- **Installation:** The grid housing is suitable for use with T-bar ceiling systems 1-1/2" and 15/16" wide. 7/8" knockouts are provided on top and on ends for row mounting. Swing arm jacks provided for flange applications.
- **Maintenance:** Access to drivers and boards from below via the removable door frame.
- **Listing:** cULus listed, NSF listed, IP65 rated, ISO4.
- **Warranty:** 5 year limited warranty.

Energy data

SSTR24 White

Lumen Package	LED Rows	Wattage	Delivered Lumens
62L	2Rows	50.0	6250
120L	4Rows	100.0	12500
180L	6Rows	150.0	18000
240L	8Rows	200.0	24000

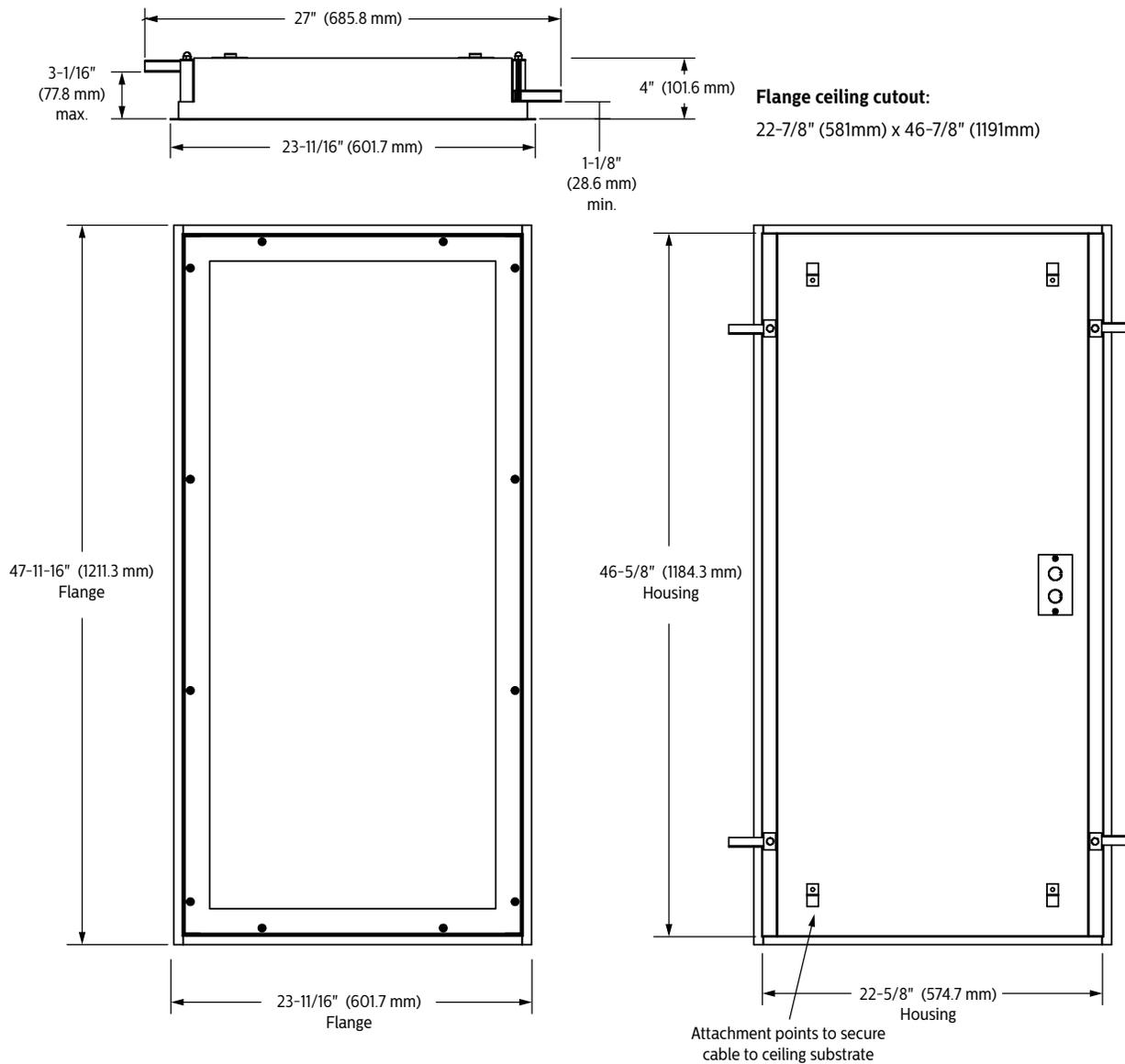
SSTR24 White/Green

Lumen Package	LED Rows	White		Green	
		Wattage	Lumens	Wattage	Lumens
6232L	2 Green/2 White	50.0	6250	55	3250
12532L	2 Green/4 White	100.0	12500	55	3250
18032L	2 Green/6 White	150.0	18000	55	3250
6264L	4 Green/2 White	50.0	6250	110	6450
6298L	6 Green/2 White	50.0	6250	165	9800

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Surgical suite luminaire

Dimensions



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.

