

**PHILIPS**  
**Day-Brite**  
**CFI**

Healthcare

Sealed Surgical Troffer 2x4

STSG24 & STSF24  
T8



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

The Philips Day-Brite / CFI Sealed Surgical Troffer is completely sealed for maximum protection in the surgical suite. The housing has no openings above the ceiling, and the luminaire is sealed to the structure with gasketing. The door is also gasketed to the housing and is held in place by captive screws. Safety cables hold the door securely to the housing for easy relamping.

**Ordering guide**

example: **STSG246T82773HALDSTA2ASMEM1**

Model No.	No of Lamps	Lamp Type	Voltage	No. of Circuits	Housing Material	Door Frame Material	Door Mounting	Lens	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="DST"/>	<input type="text" value="A2"/>	<input type="text"/>	<input type="text"/>
STSG24 Sealed Surgical Troffer 2x4 Grid model	3 4 6	T8 F32T8	120 277	1 <sup>1</sup> 2 <sup>1</sup> 3 <sup>1</sup>	HAL .040" aluminum HST 20 gauge CRS	DST 20 ga. cold rolled steel	A2 Stainless steel screws/ dual aircraft safety cables	ASM Asymmetric/symmetric lens SYM Symmetric lens	EM1 <sup>2</sup> 1-lamp emergency ballast battery back-up (90 min.) EM2 <sup>2</sup> 2-lamp emergency ballast battery back-up (90 min.) 1/3 One 3-lamp ballast 1/21 2-lamp & 1-lamp ballasts 1/4 One 4-lamp ballast 2/2 Two 2-lamp ballasts 2/3 Two 3-lamp ballasts 3/2 Three 2-lamp ballasts 1/42 4-lamp & 2-lamp ballasts EB Electronic ballast, <20% THD EBD Electronic dimming ballast EB10R Elec. ballast, program rapid start, <10% THD SBF Slow blow fuse TBC T-bar support clips
STSF24 Sealed Surgical Troffer 2x4 Flange model									

**Footnotes**

- 1 Must specify ballast quantity and type listed under options.
- 2 UL listed, not CUL.

# STSG24 & STSF24 Sealed Surgical Troffer 2x4

T8

## Features

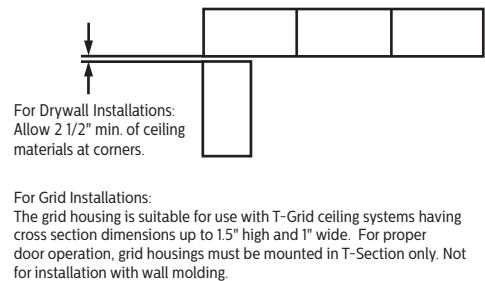
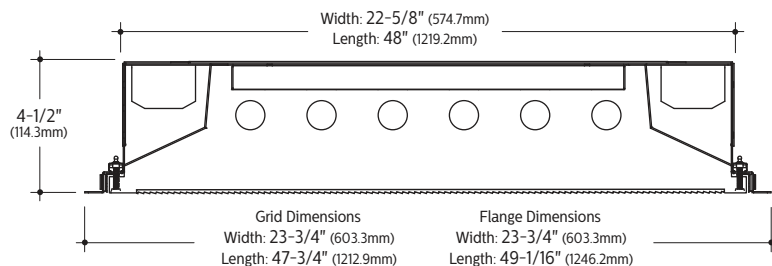
- Triple gasketed sealed housing.
- Symmetric or asymmetric/symmetric control lens with EMI grid to reduce radiated emissions.
- One radio suppressor supplied for each lamp circuit specified.
- Dual wireway accommodates up to 3 radio suppressors, 3 ballasts, and optional battery backup in shallow 4-1/2" deep housing.
- 3, 4, or 6 lamps on one, two, or three circuits for multiple light level switching while maintaining asymmetric/symmetric light distribution.
- Has reduced emissions for conducted and radiated EMI using electronic ballasts.
- Available lightweight aluminum housing facilitates installation, reduces load on ceiling, resists corrosion, and allows lamps and ballasts to operate cooler.

## Specifications

- **Construction:** .040" aluminum sealed housing with white acrylic enamel finish that has antimicrobial protection. Seams are sealed with silicon sealant. Housing is gasketed all around the perimeter of trim (under) for grid ceiling and (above) for flange mount. 20 gauge CRS housing also available.
- **Door Frame:** 20 gauge cold rolled steel single piece reversible door frame with six captive stainless steel screws. For safety and easy relamping, door frame retained by cable to housing when open. Lens is gasketed and secured with "L" shaped retainers all around the perimeter of the lens.

- **Lens:** Asymmetric or asymmetric/symmetric distribution acrylic lens with screened on EMI interference grid grounded to housing.
- **Finish:** The CRS housing and door frames are powder coat painted after fabrication using anti-microbial additive. The aluminum housing is constructed using pre-painted aluminum.
- **Lamps:** STS is available with T8 linear fluorescent lamps. Lamps are included with the fixture. The standard color temperature is 3500K. Other color temperatures are available upon request.
- **Electrical:** T8 lamp models have instant-start electronic ballasts. Dimming ballasts are program start electronic ballasts with a dimming range of 100-5% and operate with 0-10v controls. Compliant to IEC 60929.
- **Installation:** The grid housing is suitable for use with T-Grid ceiling systems having cross section dimensions up to 1.5" high and 1" wide. 7/8" knockouts are provided on top and on ends for row mounting. Flanged units are supplied with sway hangers and have a removable end flange for row mounting.
- **Listing:** cULus listed damp locations.
- **Warranty:** 5 year limited warranty.

## Dimensions



© 2016 Philips Lighting Holding B.V. All rights reserved. Philips reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication. [philips.com/luminaires](http://philips.com/luminaires)



Philips Lighting North America Corporation  
200 Franklin Square Drive, Somerset, NJ 08873  
Tel. 855-486-2216

Philips Lighting Canada Ltd.  
281 Hillmount Rd, Markham, ON, Canada L6C 2S3  
Tel. 800-668-9008