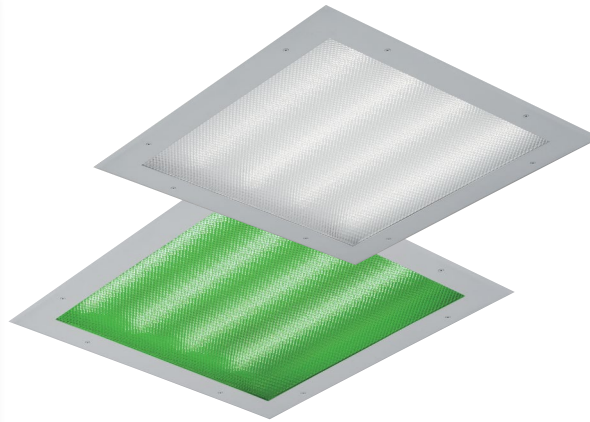# PHILIPS
Day-Brite
CFI

Healthcare

SurgiCare LED 2x2

3,100 to 12,000 lumens

LED

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lumens: _____ Qty: _____

Notes: _____

Philips Day–Brite / CFI SurgiCare LED luminaire 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 ease of maintenance.

Ordering guide

Example: SSTR22G31L940HSTDST12FUNVDIM1

Family	Size	Ceiling Type	Lumen Output		Color		Housing Material	Frame Material		Lens	
SSTR	**22**	**U**					**HST**	**DST**			
SSTR SurgiCare troffer	22 2x2	U Grid/flange universal	**White**		940	90 CRI, 4000K	HST 20 gauge CRS	DST	18 gauge CRS	12F	.125 Prismatic Acrylic
			31L	3100lm	950	90 CRI, 5000K				101	.125 Opal Polycarbonate
			62L	6200lm						SYM[2]	.125 Symm. Prismatic Acrylic w/ RFI Grid
			90L	9000lm						ASM[2]	.150 Symm./Asymm. Prismatic w/ RFI Grid
			120L	12000lm							
			White/Green[1]								
			3113L	3100lm White/1300lm Green							
			6213L	6200lm White/1300lm Green							
			9013L	9000lm White/1300lm Green							
			3127L	3100lm White/2700lm Green							
			3141L	3100lm White/4100lm Green							

Voltage		Dimming/Circuits		Options	
		—			
UNV	120-277V Universal	DIM1	0-10V, Single Circuit	TR[3]	Tamper Resistant Torx Head Screws
		DIM2[1]	0-10V, Two Circuit	RFI	Radio Interference Filter
				MIL[2]	MIL-STD-461F

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 Specify only 101 lens option with TR option.

c(UL)us

SSTR22 SurgiCare LED luminaire 2x2

3,100 to 12,000 lumens

Features

· Triple gasketed sealed housing with closed cell or extruded silicone gaskets.

· Optional ymmetric or asymmetric/symmetric control lens with EMI grid to minimize radiated emissions.

· MIL-STD-461F option for radiated and conducted emissions control.

· 1 or 2 circuit options accommodate switching between green and white colors.

Specifications

· **Housing:** 20 gauge formed cold rolled steel housing with continuous seam welds to ensure ingress protection.

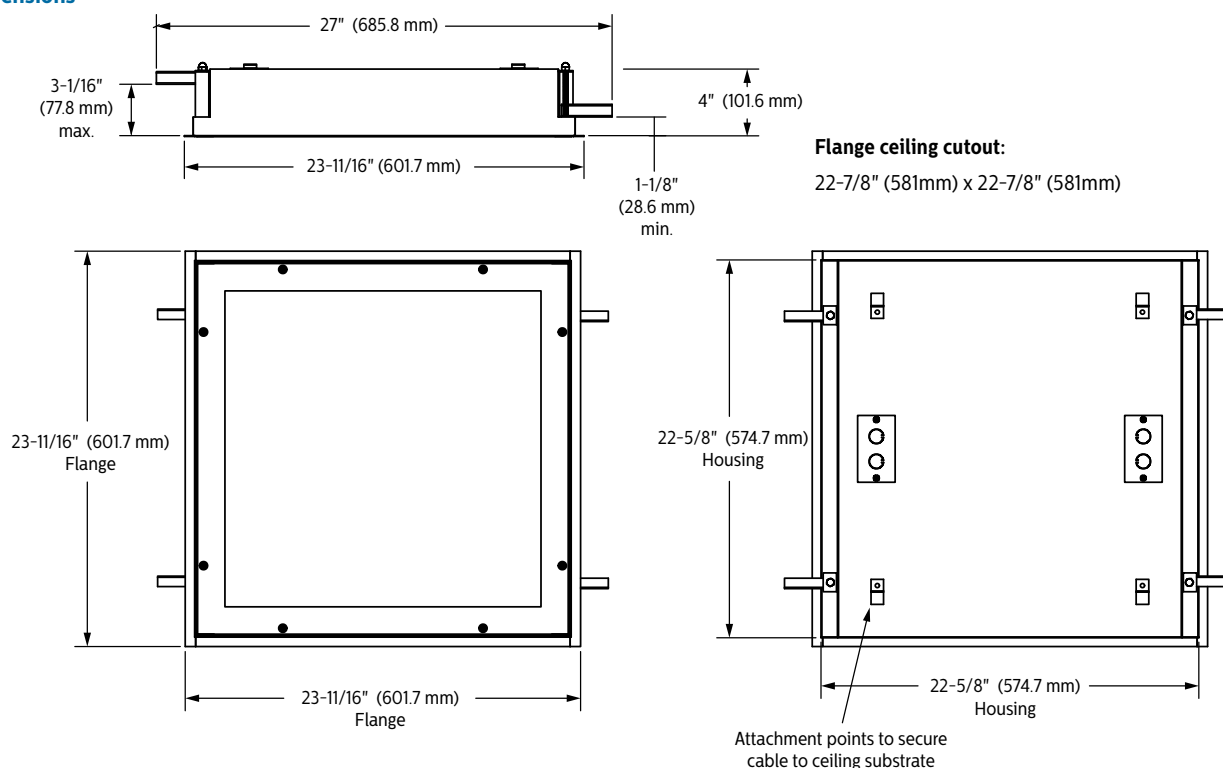· **Door Frame:** Overlapping 18 gauge formed cold rolled steel. Door frame is fastened to the housing with aircraft cable. Allows for access to driver(s) and boards from below. Closed cell EPDM and silicone gaskets seal the door to the ceiling to inhibit ingress of contaminants. Door is secured to the 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.

· **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:** Gaskets seal the door frame to the t–bar or structure allowing for access to drivers and boards from below.

· **Listing:** cULus listed, NSF listed, IP65 rated, ISO4.

· **Warranty:** 5 year limited warranty.

Energy data

STS22 White

Lumen Package	LED Rows	Wattage	Delivered Lumens
31L	2Rows	25.0	2750
62L	4Rows	50.0	5500
90L	6Rows	75.0	8250
120L	8Rows	100.0	11000

STS22 White/Green

Lumen Package	LED Rows	White		Green	
		Wattage	Lumens	Wattage	Lumens
3113L	2 Green/2 White	25.0	3125	28	1375
6213L	2 Green/4 White	50.0	6250	28	1375
9013L	2 Green/6 White	75.0	9000	28	1375
3127L	4 Green/2 White	25.0	3125	56	2750
3141L	6 Green/2 White	25.0	3125	84	4100

Dimensions

27" (685.8 mm)

3-1/16" (77.8 mm) max.

4" (101.6 mm)

23-11/16" (601.7 mm)

1-1/8" (28.6 mm) min.

23-11/16" (601.7 mm) Flange

23-11/16" (601.7 mm) Flange

Flange ceiling cutout:

22-7/8" (581mm) x 22-7/8" (581mm)

22-5/8" (574.7 mm) Housing

22-5/8" (574.7 mm) Housing

Attachment points to secure cable to ceiling substrate

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