

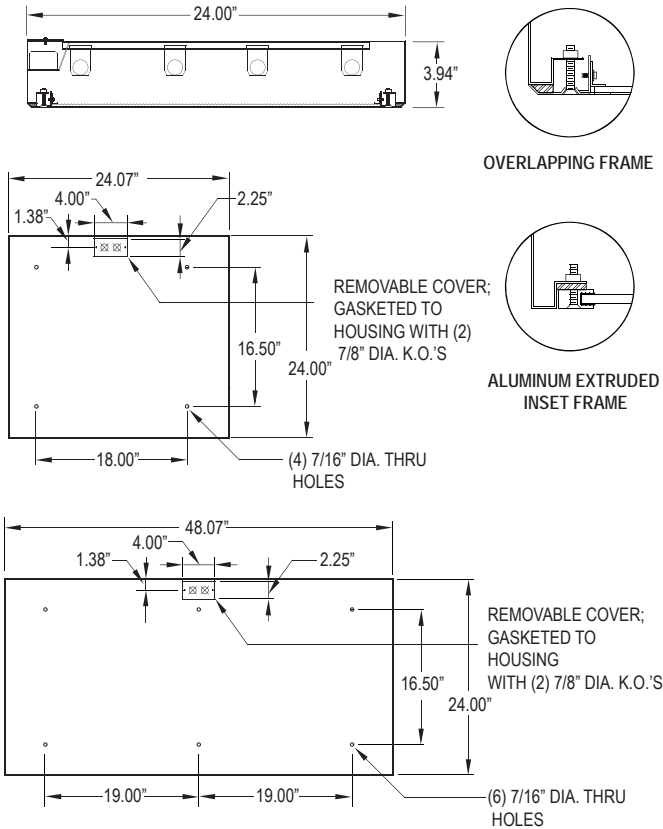
STAR SURGICAL 22-24 SURFACE

HEALTHCARE SERIES
SURGICAL FLANGE LUMINAIRE
FLUORESCENT/LED



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

DIMENSIONAL DATA



FEATURES

The New Star "Surgical S22-S24" Healthcare fixture is designed for use in surgical suites, medical settings which employ laminar or turbulent cleanroom airflow and areas where clean is critical.

- Enclosed design to insure ingress protection
- Standard overlapping frame made from single sheet CRS with beveled edges
- Inset frame fabricated from extruded aluminum
- Sealed, reinforced mitered corners
- Gasketed for contamination control
- 1% dimming available
- Lens options for different high tech medical needs
- Smooth surface for minimal maintenance
- Accommodates extreme cleaning protocols
- Dimming driver (0-10V) standard
- IP65 rated with overlap frame and inset CRS and aluminum painted only

APPLICATION

- Operating Rooms
- Isolation Suites

SPECIFICATION FEATURES

HOUSING:

20 gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel option available. Manufactured in accordance with NSF standards.

FRAME:

Inset extruded door available in anodized aluminum or white painted aluminum. Overlapping door frame available in aluminum, CRS and stainless steel. Frame fastened to housing via aircraft cable.

LENS:

Acrylic lens with optional RFI and symmetric/asymmetric pattern, smooth side out. Overlapping frame uses a rail hold down system with silicone sealant.

ELECTRONICS:

Fluorescent:
Electronic Ballast <10% THD standard. RIF available. Lamps by others.

LED:

Available in three standard color temperatures 3500°K, 4000°K & 5000°K. Other color temperatures available, consult factory.

LED NIGHT LIGHT:

Integrated switch allows light selection at 100%, 70%, 40% and 10% levels

GASKET:

Closed cell PVC or extruded silicone gaskets prevent air contaminants from entering room.

FASTENERS:

Phillips flat head screws with captive cage

FINISH:

White Antimicrobial powdercoat finish following iron phosphate pre-treatment.

LABEL:



ORDERING INFORMATION

Product Family	Housing Matl.	Frame	# of Lamps	Lamp Type
SSS				
SSS22 24" x 24-1/16" x 3-15/16"	HC = 20Ga. CRS (Standard)	Overlap Frame Options: OC = 18Ga. CRS OA = Alum.(Painted) (Standard)	Fluorescent: SSS22-SSS24: L2 = LED 2 Rw (25W)	SSS22: 17 = Linear 17W T8
SSS24 24" x 48-1/16" x 3-15/16"	HS = 20Ga. S.S. HP = 20Ga. S.S (Painted) HA = Alum. (Painted)	Inset Frame Options: OS = 18Ga. S.S IE = Extruded Alum. (Brushed) No IP65 OP = 18Ga. S.S IP = Extruded Alum. (Painted) No IP65 IC = 18Ga. CRS IA = Aluminum (Painted)	LED SSS22: L2 = LED 2 Rw (25W) LED SSS24: L2 = LED 2 Rw (50W) SYMMETRICAL: L3 = LED 3 Rw (37.5W) L3 = LED 3 Rw (75W) L4 = LED 4 Rw (50W) L4 = LED 4 Rw (100W) L5 = LED 5 Rw (62.5W) L5 = LED 5 Rw (125W) L6 = LED 6 Rw (75W) L6 = LED 6 Rw (150W) L7 = LED 7 Rw (87.5W) L7 = LED 7 Rw (175W) SSS22-SSS24: L8 = LED 8 Rw (100W) L8 = LED 8 Rw (200W) ASYMMETRICAL: 3A = 3 Lamp 6A = 6 Lamp	SSS24: 32 = Linear 32W T8 14 = Linear 14W T5 28 = Linear 28W T5 24 = Linear 24W T5 54 = Linear 54W T5 HO HO U6 = 32W U-Lamp • LED: (6" leg spacing) 35 = White 3500° K 40 = White 4000° K 50 = White 5000° K
# Ballasts/Driver	Lens	Voltage	Options	
Fluorescent: LED: 1 = Ballast 1 = Driver 2 = Ballast 2 = Driver 3 = Driver 4 = Driver	A = .125 Prismatic Acrylic S = Symmetric Asymmetric Lens R = .125 Prismatic Acrylic with RFI Grid	12 = 120V 27 = 277V 34 = 347V ■ UN = Universal (120V-277V)	DB = Dimming Ballast (0-10V) * ◆ DM1 = Dimming 1% SDM = Step Dimming Module PR = Program Rapid Start FZ = Fuse * NL = Fluorescent Night Light * LN = LED Night Light. Consult factory for available color/temperatures.	E1 = Emerg. Bat. Pack(450 Lumens) * ◆◆ E2 = Emerg. Bat. Pack (1100 Lumens) * ◆◆ EL1= Emerg. Bat. LED Low EL2= Emerg. Bat. LED High RF = RIF (Radio Interference Filter)* TH = Torx Head screws (with center pin) TM = Tandem Mount

* Cannot use with universal voltage option
◆ Consult factory for T5 availability

■ Consult factory for lamp-ballast options
◆ Not available in LED



Based lense .250 Clear Polycarbonate/.125 Prismatic Acrylic - 4000K

# LED BOARDS	# ROWS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS
SSG22-SSF22-SSS22				
SCG22-SCF22-SCS22:				
L2	2 Rw	(25W)	120	3,000 LMS
L3	3 Rw	(37.5W)	120	4,500 LMS
L4	4 Rw	(50W)	120	6,000 LMS
L5	5 Rw	(62.5W)	120	7,000 LMS
L6	6 Rw	(75W)	120	9,000 LMS
L7	7 Rw	(87.5W)	120	10,500 LMS
L8	8 Rw	(100.0W)	120	12,000 LMS
SSG24-SSF24-SSS24				
SCG24-SCF24-SCS24:				
L2	2 Rw	(50W)	120	6,000 LMS
L3	3 Rw	(75W)	120	9,000 LMS
L4	4 Rw	(100W)	120	12,000 LMS
L5	5 Rw	(125W)	120	15,000 LMS
L6	6 Rw	(150W)	120	18,000 LMS
L7	7 Rw	(175W)	120	21,000 LMS
L8	8 Rw	(200W)	120	24,000 LMS

* TAKE AN ADDITIONAL 20% OFF DELIVERED LUMENS WHEN SPECIFYING THE LC3 LENS