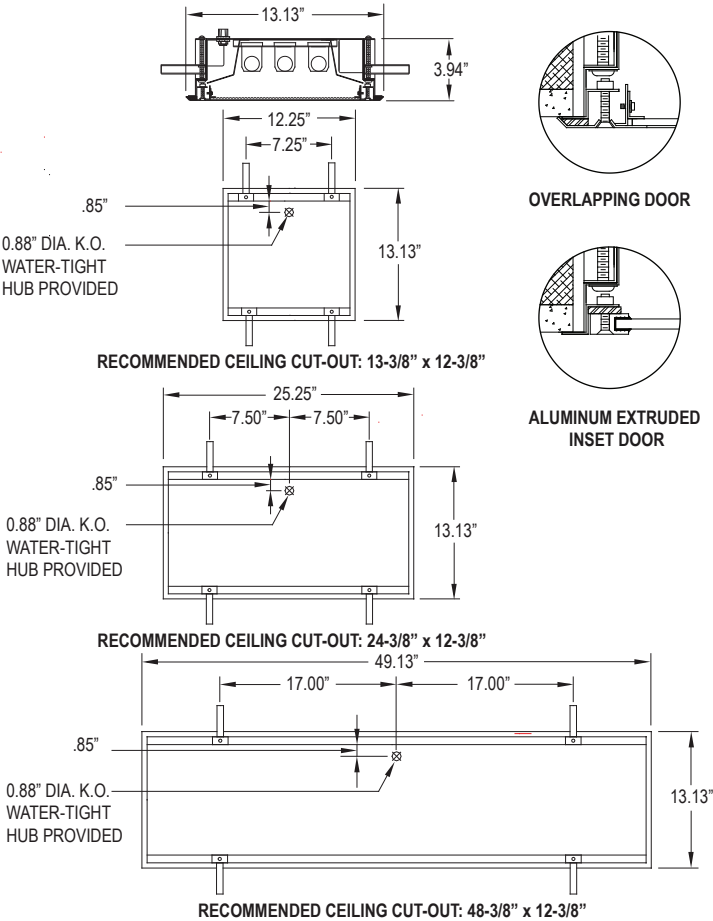


STAR SURGICAL 11-12-14 FLANGE

HEALTHCARE SERIES
SURGICAL FLANGE LUMINAIRE
FLUORESCENT/LED



DIMENSIONAL DATA



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

FEATURES

The New Star "Surgical F11-F12-F14" CleanRoom fixture is designed for use in surgical suites and medical settings which employ laminar or turbulent cleanroom airflow and areas where clean is critical.

- Enclosed design to insure ingress protection
- "Swing arm" mounting system for easy installation
- Optional plaster frame yolk assembly available
- 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
- Dimming Driver (0-10V) standard
- Dimming 1% available
- Asymmetrical light distribution available
- Lens options for different high-tech medical needs
- Smooth surface for minimal maintenance
- Accommodates extreme cleaning protocols
- IP65 rated with overlap frame and inset CRS, stainless steel and aluminum painted

APPLICATION

- Operating Rooms
- Hospitals
- Isolation Suites
- Patient Examination Rooms
- Laboratory

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.

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 nuts

FINISH:

White Antimicrobial powdercoat finish following iron phosphate pre-treatment.

INSTALLATION:

Easy installation with adjustable 90° swing arm system standard.

LABEL:



ORDERING INFORMATION

Product Family	Housing Matl.	Frame	# of Lamps	Lamp Type
SSF_				
SSF11 13-1/8" x 13-1/8" x 3-15/16"	HC = 20Ga. CRS (Standard)	Overlap Frame Options IP65: OC =18Ga. CRS(Stand.) OS =18Ga. S.S (Brush.) OP =18Ga. S.S.(Paint.) OA =Aluminum (Paint.)	Fluorescent: SSF11-SSF12-SSF14 2 = 2 Lamp 3 = 3 Lamp LED SSF11: M1 = 1 Modular (15W) M2 = 2 Modular (30W)	Fluorescent: SSF11 32 = 32W Triple Gx24q-3 42 = 42W Triple Gx24q-4 SSF12 17 = Lin 17W T8 14 = Lin 14W T5 24 = Lin 24W T5 HO
SSF12 13-1/8" x 25-1/4" x 3-15/16"	HS = 20Ga. S.S HP = 20Ga. S.S (Painted)	Inset Frame Options: IE =Extruded Alum.No IP65 IP =Extruded Alum.(Paint.) No IP65 IC =20Ga. CRS IP65 IA =Alum.(Paint.) IP65 IB =20Ga. S.S.(Brush.) IP65 IS =20Ga. S.S.(Paint.) IP65	LED SSF12: L2 = LED 2 Rw (25W) L3 = LED 3 Rw (37.5W) L4 = LED 4 Rw (50W) LED SSF14: L2 = LED 2 Rw (50W) L3 = LED 3 Rw (75W) L4 = LED 4 Rw (100W)	32 = 32W Triple Gx24q-3 28 = Lin 28W T5 54 = Lin 54W T5 HO LED: 35 = White 3500° K 40 = White 4000° K 50 = White 5000° K
SSF14 13-1/8" x 49-1/8" x 3-15/16"	HA = Alum. (Painted)			
# of Ballasts/Drivers	Lens	Voltage	Options	
1 = 1 Ballast 2 = 2 Ballast	LED: 1 = Driver 2 = Driver 3 = Driver 4 = Driver	12 = 120V 27 = 277V 34 = 347V ■ UN = Universal (120V-277V)	DM1 = Dimming driver 1% SD2 = Step Dim. Module(50-100%)▲ SD3 = Step Dim. Module(25-50-100%)▲ SD3A =Step Dim. Module(33-66-100%)▲ 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 MS = MIL-STD-461F
* Cannot use with universal voltage option + Must be used when ordering lensed inset door ◀ Consult factory for T5 availability	▲ Not available in 277V ■ Consult factory for lamp-ballast options ◆ Not available in LED			



# LED BOARDS	# ROWS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS
SSF12-SSG12-SSS12				
SCF12-SCG12-SCS12:				
L2	2 Rw	(25.0W)	110	2,750 LMS
L3	3 Rw	(37.5W)	110	4,125 LMS
L4	4 Rw	(50.0W)	110	5,500 LMS
SSF14-SSG14-SSS14				
SCF14-SCG14-SCS14:				
L2	2 Rw	(50.0W)	110	5,500 LMS
L3	3 Rw	(75.0W)	110	8,250 LMS
L4	4 Rw	(100W)	110	11,000 LMS
* TAKE AN ADDITIONAL 20% OFF DELIVERED LUMENS WHEN SPECIFYING THE LC3 LENS				