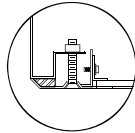# STARSURGICAL 22-24 SURFACE

HEALTHCARE SERIES
SURGICAL FLANGE LUMINAIRE
FLUORESCENT/LED
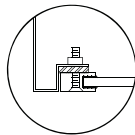
New Star

Made in America

PROJECT:	
TYPE:	
PRODUCT:	
APPROVED:	
DATE:	

DIMENSIONAL DATA

24.00"
3.94"

OVERLAPPING FRAME

24.07"
4.00"
1.38"
2.25"
16.50"
24.00"
18.00"

REMOVABLE COVER; GASKETED TO HOUSING WITH (2) 7/8" DIA. K.O.'S

(4) 7/16" DIA. THRU HOLES
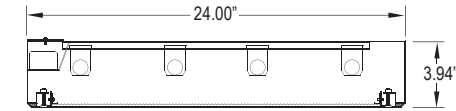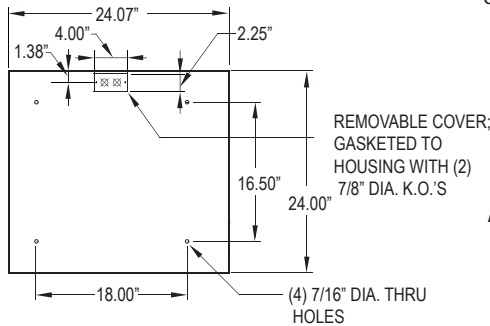
ALUMINUM EXTRUDED INSET FRAME

48.07"
4.00"
1.38"
2.25"
16.50"
24.00"
19.00"   19.00"

REMOVABLE COVER; GASKETED TO HOUSING WITH (2) 7/8" DIA. K.O.'S

(6) 7/16" DIA. THRU HOLES
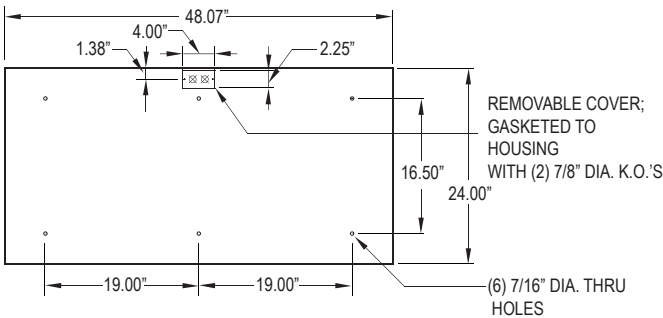
FEATURES
The New Star "Surgical S22-S24" Healthcare fixture is designed for use in surgical suites, medical settings which employ laminar or turbulent cleanroom airflow and areas where clean is critical.

- 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
- 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 and aluminum painted only

APPLICATION
- Operating Rooms
- 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 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:
c UL us   NSF   Damp Location
IP65   ISO 4

ORDERING INFORMATION

Product Family	Housing Matl.	Frame		# of Lamps	Lamp Type
SSS_			-		

SSS_ -   -   -

Product Family

SSS22
24" x 24-1/16" x 3-15/16"
SSS24
24" x 48-1/16"x 3-15/16"

Housing Matl.

HC = 20Ga. CRS (Standard)
HS = 20Ga. S.S.
HP = 20Ga. S.S (Painted)
HA = Alum. (Painted)

Frame

Overlap Frame Options:
ALL IP65
OC = 18Ga. CRS (Standard)
OS = 18Ga. S.S (Brush)
OP = 18Ga. S.S.(Paint)
OA = Aluminum (Paint)

Inset Frame Options:
IE=Extr. Alum.No IP65
IP=Extr.Alum.(Paint) No IP65
IC=20Ga. CRS IP65
IA=Alum.(Paint) IP65
IB=20Ga. S.S.(Brush.) IP65
IS=20Ga. S.S. (Paint) IP65

# of Lamps

Fluorescent:
SSS22-SSS24:
SYM.:
2 = 2 Lamp
3 = 3 Lamp
4 = 4 Lamp
6 = 6 Lamp
SSS22-SSS24:
SYM. / ASYM:
3A = 3 Lamp
6A = 6 Lamp

LED SSS22:
L2 = LED 2 Rw (25W)
L3 = LED 3 Rw (37.5W)
L4 = LED 4 Rw (50W)
L5 = LED 5 Rw (62.5W)
L6 = LED 6 Rw (75W)
L7 = LED 7 Rw (87.5W)
L8 = LED 8 Rw (100W)

LED SSS24:
L2 = LED 2 Rw (50W)
L3 = LED 3 Rw (75W)
L4 = LED 4 Rw (100W)
L5 = LED 5 Rw (125W)
L6 = LED 6 Rw (150W)
L7 = LED 7 Rw (175W)
L8 = LED 8 Rw (200W)

Lamp Type

SSS22:
17=Lin. 17W T8
14=Lin. 14W T5
24=Lin. 24W T5 HO
U6=32W U-Lp (6" leg sp.)

SSS24:
32 = Lin. 32W T8
28 = Lin. 28W T5
54 = Lin. 54W T5 HO

LED:
35 = White 3500˚ K
40 = White 4000˚ K
50 = White 5000˚ K

# Ballasts/Driver	Lens	Voltage	Options

- -   -

 # Ballasts/Driver

Fluorescent:
1 = Ballast
2 = Ballast

LED:
1 = Driver
2 = Driver
3 = Driver
4 = Driver

Lens

A = .125 Prismatic Acrylic
S = Symmetric Asymmetric Lens
R = .125 Prismatic Acrylic with RFI Grid

Voltage

12 = 120V
27 = 277V
34 = 347V ■
UN = Universal (120V-277V)

Options

DB = Dimming Ballast (0-10V) *♦
DM = Dimming Driver (0-10V)
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