STARCLEAN 22-24 FLANGE

CLEANROOM SERIES

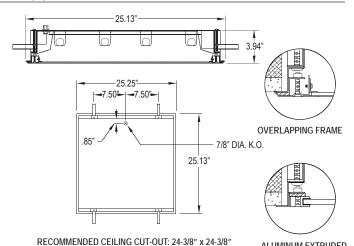FLANGE LUMINAIRE
FLUORESCENT/LED

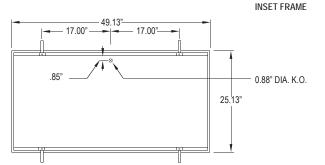New ★ Star

Made in America

PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

DIMENSIONAL DATA

25.13"

3.94"

OVERLAPPING FRAME

25.25"
7.50" 7.50"
.85"
7/8" DIA. K.O.
25.13"
25.13"

RECOMMENDED CEILING CUT-OUT: 24-3/8″ x 24-3/8″

ALUMINUM EXTRUDED INSET FRAME

49.13"
17.00" 17.00"
.85"
0.88" DIA. K.O.
25.13"

RECOMMENDED CEILING CUT-OUT: 48-3/8″ x 24-3/8″

FEATURES

The New Star "StarClean F22-F24" Cleanroom fixture is designed for use in medical settings, labs, high-tech production facilities,food processing and areas where clean is critical.

• Flange housing utilizing enclosed design with seam welds to insure ingress protection.
• Swing arm mounting system for easy installation
• Optional plaster frame/yoke assembly available.
• Standard overlapping frame contruction from a single sheet with beveled edges.
• Smooth surfaces for easy cleaning

• Dimming Driver (0-10V) standard
• Dimming 1% available
• Inset frame fabrication from extruded aluminum with sealed,reinforced edges
• Specialized gasketing to provide contamination control
• IP65 rated with overlap frame and inset CRS,stainless steel and aluminum painted

APPLICATION

• Cleanroom
• Laboratory
• Hospital
• Food Processing Facilities
• Hi- Technology Manufacturing

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:

c UL us   NSF

ISO 4   IP65   DAMP LOCATION

ORDERING INFORMATION

Product Family	Housing Matl.	Frame		# of Lamps		Lamp Type
SCF_						

SCF22
25-1/8" x 25-1/4" x 3-15/16"
SCF24
25-1/8" x 49-1/8"x 3-15/16"

HC = 20Ga. CRS (Standard)
HS = 20Ga. S.S.
HP = 20Ga. S.S (Painted)
HA = Alum. .050 (Painted)

Overlap Frame Options
IP65:
OC = 18Ga. CRS(Standard)
OS = 18Ga. S.S (Brushed)
OP = 18Ga. S.S.(Painted)
OA = Aluminum (Painted)

Inset Frame Options:
IE = Extruded Alum.No IP65
IP = Extruded Alum. (Painted) No IP65
IC = 18Ga. CRS IP65
IA = Alum.(Painted) IP65
IB = 18Ga. S.S. (Brushed) IP65
IS = 18Ga. S.S. (Painted) IP65

Fluorescent:
SCF22-SCF24:
2 = 2 Lamp   4 = 4 Lamp
3 = 3 Lamp   6 = 6 Lamp
LED SCF22:
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 SCF24:
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)

SCF22:
17 = Linear 17W T8
14 = Linear 14W T5
24 = Linear 24W T5 HO
U6 = 32W U-Lamp ● (6 " leg spacing)

SCF24:
32 = Linear 32W T8
28 = Linear 28W T5
54 = Linear 54W T5 HO
LED:
35 = White 3500˚ K
40 = White 4000˚ K
50 = White 5000˚ K

# Ballasts/Drivers	Lens	Voltage	Options

Fluorescent: **LED:**
1 = Ballast   1 = Driver
2 = Ballast   2 = Driver
                  3 = Driver
                  4 = Driver

A = .125 Prismatic Acrylic
B = .125 Prismatic Polycarbonate
C = .156 Prismatic Polycarbonate+
D = .187 Prismatic Polycarbonate
G = .140 DR Acrylic
LC3 = .125 White Frosted Polycarbonate

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

DM1 = Dimming 1% driver
DB = Dimming Ballast (0-10V) *♦
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
TC = T-Bar clips(field install only)

* Cannot use with universal voltage option
+ Must be used when ordering lensed inset door
● 2 lamp only
◄ Consult factory for T5 availability

▲ Not available in 277V
■ Consult factory for lamp-ballast options
♦ Not available in LED

3-10-16

New ★ Star

# LED BOARDS	# ROWS	WATTAGE	EFFICACY (lm/W	DELIVERED LUMENS
SSF22-SSG22-SSS22 **SCF22-SCG22-SCS22:**				
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
L5	5 Rw	(62.5W)	110	6,875 LMS
L6	6 Rw	(75.0W)	110	8,250 LMS
L7	7 Rw	(87.5W)	110	9,625 LMS
L8	8 Rw	(100W)	110	11,0000 LMS
SSF24-SSG24-SSS24 **SCF24-SCG24-SCS24:**				
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
L5	5 Rw	(125W)	110	13,750 LMS
L6	6 Rw	(150W)	110	16,500 LMS
L7	7 Rw	(175W)	110	19,625 LMS
L8	8 Rw	(200W)	110	22,0000 LMS

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