

STARCLEAN 16-24 M SURFACE

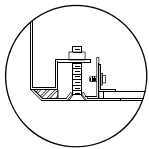
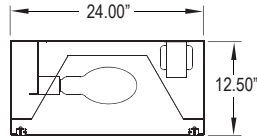
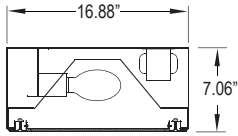
CLEANROOM SERIES

SURFACE LUMINAIRE
FLUORESCENT / LED / HID

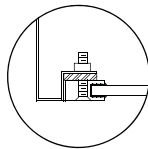


Made in America

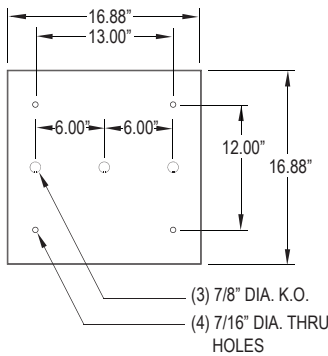
DIMENSIONAL DATA



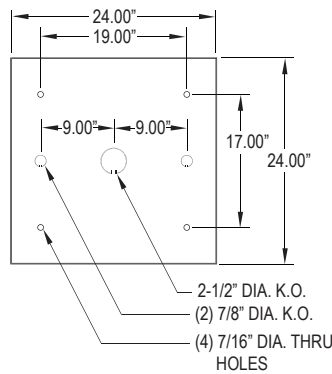
OVERLAPPING FRAME



ALUMINUM EXTRUDED
INSET FRAME



(3) 7/8" DIA. K.O.
(4) 7/16" DIA. THRU HOLES



2-1/2" DIA. K.O.
(2) 7/8" DIA. K.O.
(4) 7/16" DIA. THRU HOLES

ORDERING INFORMATION

| Product Family | Housing Material | Frame | # of Lamps | Lamp Type |
|----------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCMS _ | | | | |
| SCMS16 16-7/8" x 16-7/8" x 7-1/16" | HC = 20Ga. CRS (Standard) HS = 20Ga. S.S. HP = 20Ga. S.S (Painted) HA = Alum. (Painted) | Overlap Frame Options: OC = 18Ga. CRS (Standard) OS = 18Ga. S.S (Brushed) OP = 18Ga. S.S (Painted) OA = Alum. (Painted) Inset Frame Options: IE = Extruded Alum. (Painted) IP = Extruded Alum. (Painted) | FLUORESCENT: SCMS16-SCMS24 1 = 1 Lamp 2 = 2 Lamp HID: 1 = 1 Lamp | LED: SCMS16-SCMS24 L2 = LED 4 Boards (5000lms) L4 = LED 4Boards (10000lms) |
| SCMS24 24" x 24" x 12-1/4" | | | | FLUORESCENT: SCMS16-SCMS24 42 = 42W Triple Gx24q-4 Bse 57 = 57W T4 4-Pin Gx24q-5 Bse 70 = 70W T4 4-Pin Gx24q-6 Bse LED: 35 = White 3500° K 40 = White 4000° K 50 = White 5000° K |

| Lens | Voltage | Options |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A = .125 Prismatic Acrylic B = .125 Prismatic Polycarbonate C = .156 Prismatic Polycarbonate D = .187 Prismatic Polycarbonate E = .156 Prismatic Tempered Glass | 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V) | DB = Dimming Ballast (0-10v) ▶ PR = Program Rapid Start ▶ FZ = Fuse * NL = Fluorescent Night Light ♦ * LN = LED Night Light. Consult ♦ * factory for available color /temperatures. TH = Torx Head screws (with center pin) E1 = Emergency Battery Pack * ▶ (450 Lumens) E2 = Emergency Battery Pack * ▶ (1100 Lumens) RF = RIF (Radio Interference Filter) ♦ * |

- * Cannot use with universal voltage option
- Must be overlap door
- Consult factory for lamp-ballast options

- Two lamps not available with Emergency Ballast
- ♦ Not available with HID
- ▶ Not available in LED

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED: _____

DATE: _____

FEATURES

The New Star "StarClean MS16-MS24" Cleanroom fixture is designed for use in medical settings, labs, high-tech production facilities, food processing and areas where clean is critical.

- Surface housing utilizing enclosed design with seam welds to insure ingress protection
- Standard overlapping frame construction from a single sheet with beveled edges
- Inset frame fabrication from extruded aluminum with sealed, reinforced edges
- Specialized gasketing to provide contamination control
- Smooth surfaces for easy cleaning

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.

ELECTRONICS:

LED
High power, class 2, LED module available in 3500K, 4000K, and 5000K. HPF LED driver, 120V-277V standard.

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.

LABEL:



Notes:

Specifications and Dimensions are subject to change without notice. For additional options and dimensional details please consult your New Star Lighting Representative. For specific electronic ballast, specify brand and catalog number.