

# 33MW2-33MW4

## CONFINEMENT SERIES

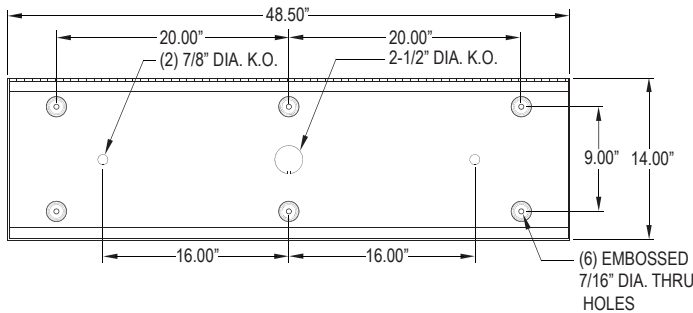
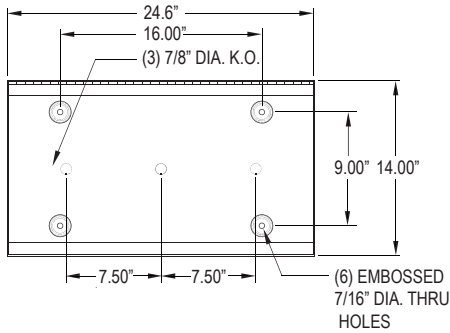
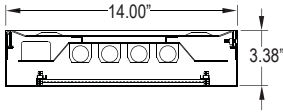
SURFACE LUMINAIRE

CLAMSHELL DESIGN FOR MIN. TO SUPERMAX SECURITY  
FLUORESCENT/LED



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

### DIMENSIONAL DATA



### FEATURES

The New Star 33MW2-33MW4 Confinement fixture is designed for security application in low profile, energy, and material saving design.

- 18-12 gauge die formed steel or stainless steel clamshell housing with full length continuous staked piano hinge with welded end.
- Maximum to super maximum security application
- Wide variety of lens options held in place with Z-Channel and weld studs
- Torx head center pin screws standard
- Black neoprene gasket around door frame to prevent light leaks
- Clamshell design incorporates a contraband drop slot gap between the ceiling and the back of fixture
- Optional wet location

### APPLICATION

- Confinement
- Psychiatric Wards
- Detention Centers
- Public Housing Complexes
- Transportation Applications
- Athletic Facilities
- Locker Rooms

### SPECIFICATION FEATURES

#### HOUSING:

Die formed, seam welded, and ground smooth (specify material and gauge). Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance.

#### BACKPLATE:

Die formed with contraband drop slot and embossed mounting holes(materials and gauge to match housing). Security caulking between ceiling and fixture is not required with this back plate design.

#### HINGE:

16 gauge full length continuous, staked piano hinge, with welded ends. to prevent removal (material to match housing).

#### LENS / LENS RETENTION:

Lens per specification (see options) and secured by "Z" retainers with weld studs spaced six inches apart for maximum strength.

#### 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:

Black neoprene around door frame interior to prevent light leaks.

#### FASTENERS:

Tamper resistant countersunk, flat head Torx screws with center pin reject

#### FINISH:

White powdercoat finish following an iron phosphate pre-treatment.

#### LABEL:



### ORDERING INFORMATION

Product Family	Gauge	# of Lamps	Lamp Type	# Ballasts/Drivers
<b>33MW_</b>				

33MW2 13-15/16" x 24-5/8" x 3-3/8"	A = 12 Ga. CRS B = 14 Ga. CRS C = 16 Ga. CRS D = 18 Ga. CRS E = 14 Ga. SS (Brushed) F = 16 Ga. SS (Brushed)	G = 18 Ga. SS (Brushed) H = 14 Ga. SS (Painted) J = 16 Ga. SS (Painted) K = 18 Ga. SS (Painted)	Fluorescent 33W2-33MW4: 2 = 2 Lamp 3 = 3 Lamp 4 = 4 Lamp LED 33MW2: L1 = LED 1Rw (12.5W) L2 = LED 2 Rw (25W) L3 = LED 3 Rw (37.5W)	Fluorescent 33MW2 17 = Linear 17W T8 14 = Linear 14W T5 24 = Linear 24W T5 HO 40 = 40 Twin 2Gx11 (2 Lamp only) 33MW4 32 = 32W T8 28 = 28W T5 54 = 54W T5 HO	Fluorescent: LED: 1 = Ballast 1 = Driver 2 = Ballast 2 = Driver
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Outer Lens	Inner Lens	Voltage	Options

Ø = No Lens    3 = .375 Clear Poly.  
A = .125 Clear Poly.    5 = .187 Clear Temp.Glass  
B = .156 Clear Poly.    6 = .250 Clear Temp.Glass  
1 = .187 Clear Poly.    7 = .375 Clear Temp.Glass<sup>^</sup>  
2 = .250 Clear Poly.

Ø = No Lens    E = .156 Pris. Temp. Glass  
A = .125 Pris. Acrylic    F = .156 Pris. Acrylic  
B = .125 Pris. Poly.    G = .140 DR Acrylic  
C = .156 Pris. Poly.    LC3 = .125 White Frosted  
D = .187 Pris. Poly.    Polycarbonate

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

DB = Ballast: Dimming (0-10V) \*  
E1 = Emerg.Ballast (450 Lumens) \* ◀  
E2 = Emerg.Ballast (1350 Lumens) \* ◀  
EL1= Emerg. Bat. LED Low  
EL2= Emerg. Bat. LED High  
PR = Program. Rapid Start Ballast  
AH = Allenhead Screws w/c. pin reject  
NL = Fluorescent Night Light \*

LN = LED Night Light. Consult factory for available color /temperatures.  
FZ = Fuse Holder \*  
WL = Wet Location  
UV = .005 UV Absorbing Overlay  
CB = Cross Bar

\* Cannot use with universal voltage option  
^ Must Use 12 or 14 Gauge Frame

◀ Consult factory for T5 availability  
■ Consult factory for lamp-ballast options

#### 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.

