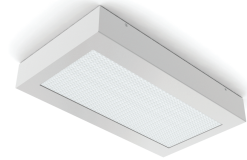Project:_____

Type:_____

Product:_____

# 33M SERIES FLUORESCENT
## 33MN2/33MN4/33MW2/33MW4

## SPECIFICATION FEATURES

**HOUSING:** Die formed, seam welded, and ground smooth cold rolled steel or stainless steel clamshell design. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance. Clamshell design incorporates a contraband drop slot gap between the ceiling and back of fixture.

**BACKPLATE:** Die formed with contraband drop slot and embossed mounting holes (material to match housing). Security caulking between ceiling and fixture is not required with this backplate design.

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

**LENS:** Outer and Inner lens options secured by "Z" retainers with weld studs spaced six inches apart for maximum strength.

**ELECTRONICS:** Electronic Ballast <10% THD standard. RIF available. Lamps by others.

**FASTENERS:** Tamper resistant countersunk flat head Torx screws with center pin reject.

**FINISH:** White powder coat finish following iron phosphate pre-treatment.

**GASKET:** Black neoprene gasket around door frame to prevent light leaks.

**APPLICATION:**
Minimum to Supermax Confinement, Psychiatric Wards, Public Housing, Detention Centers, Transportation, Athletic Facilities, and more.

**MOUNTING:**
Surface installation.

**LABEL:**
Fixture is certified to UL standards.

c(UL)us

## ORDERING INFORMATION
Ex: 33MW2-A-2401-A/C-UN

| PRODUCT FAMILY | STYLE | NOMINAL SIZE *Dimensional Data Pg. 2 | HOUSING | # OF LAMPS | LAMP TYPE |
|---|---|---|---|---|---|
| **33M** | | | | | |

**STYLE**
W = Wide
N = Narrow

**NOMINAL SIZE**
2 = 2ft.
4 = 4ft.

**HOUSING**
A = 12Ga. CRS (Painted)
B = 14Ga. CRS (Painted)
C = 16Ga. CRS (Painted)
D = 18Ga. CRS (Painted)
E = 14 Ga. SS (Brushed)
F = 16Ga. SS (Brushed)
G = 18Ga. SS (Brushed)
H = 14Ga. SS (Painted)
J = 16Ga. SS (Painted)
K = 18Ga. SS (Painted)

**# OF LAMPS**
**W:**
2 = 2 Lamp
3 = 3 Lamp
4 = 4 Lamp
**N:**
1 = 1 Lamp
2 = 2 Lamp
3 = 3 Lamp

**LAMP TYPE**
**2:**
17 = Linear 17W T8
14 = Linear 14W T5
24 = Linear 24W T5 HO
40 = 40 Twin 2Gx11 ( 2 Lamp only )
**4:**
32 = 32W T8
28 = 28W T5
54 = 54W T5 HO

| # OF BALLASTS | OUTER LENS | INNER LENS | VOLTAGE | OPTIONS |
|---|---|---|---|---|
| | | | | |

**# OF BALLASTS**
1 = 1 Ballast
2 = 2 Ballasts

**OUTER LENS**
0 = No Lens
A = .125 Clear Poly.
B = .156 Clear Poly.
1 = .187 Clear Poly
2 = .250 Clear Poly.
3 = .375 Clear Poly.
4 = .500 Clear Poly.
5 = .187 Clear Temp. Glass
6 = .250 Clear Temp. Glass
7 = .375 Clear Temp. Glass ^

**INNER LENS**
A = .125 Prismatic Acrylic
B = .125 Prismatic Poly.
C = .156 Prismatic Poly.
D = .187 Prismatic Poly.
F = .156 Prismatic Acrylic
G = .140 DR Acrylic
LC3 = .125 White Frosted Poly.

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

**OPTIONS**
DB*
E1* ◄
E2* ◄
PR
AH
FZ*
UV
NL*

## KEY

DB = Dimming Ballast (0-10V)*
E1 = Emerg. Ballast (450lm)* ◄
E2 = Emerg. Ballast (1350lm)* ◄
PR = Program Rapid Start

AH = Allenhead Scres with center pin reject
FZ = Fuse*
UV = .005 UV Absorbing Overlay
NL = Night Light*

\* Cannot use with UN voltage
^ Must use with 12Ga. or 14Ga. Frame
◄ Consult factory for T5 availability
■ Consult factory for lamp-ballast options

Notes:
Specifications and Dimensions are subject to change without notice.
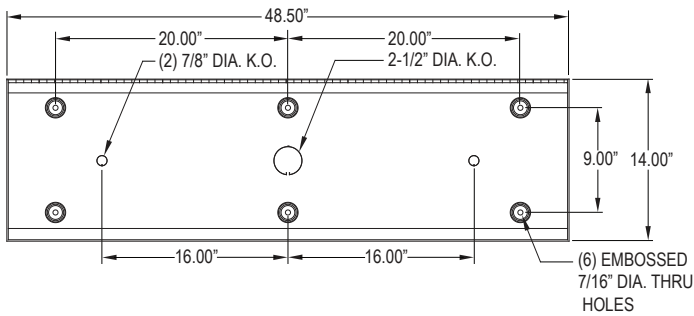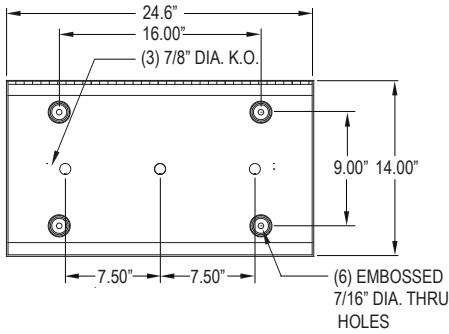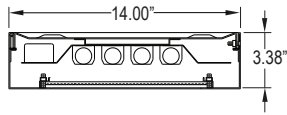For additional options and dimensional details please consult your New Star Lighting Representative.
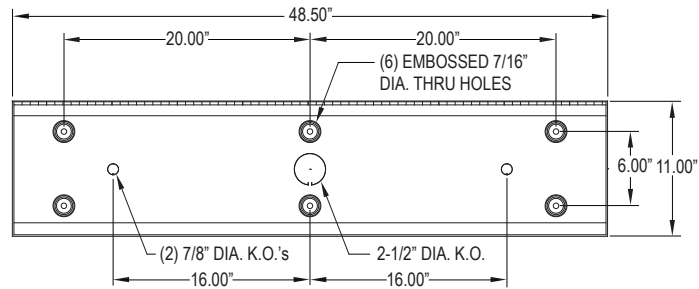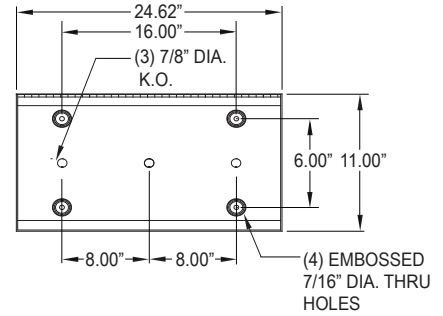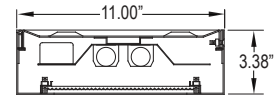
## DIMENSIONAL DATA

### WIDE (W)



### NARROW (N)



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