

# UMN2-UMN4

## CONFINEMENT SERIES

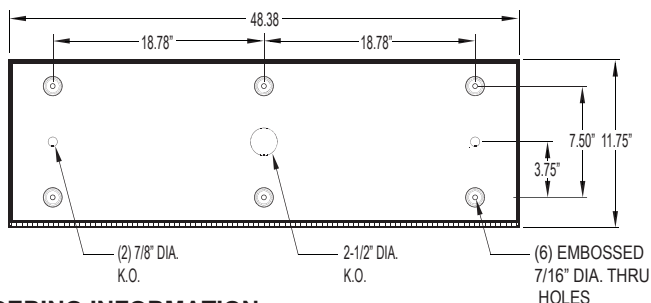
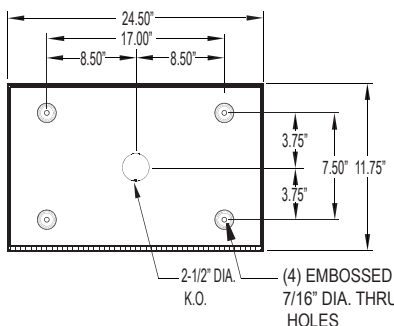
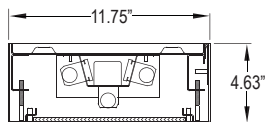
SURFACE LUMINAIRE

CLAMSHELL DESIGN FOR MAX. TO SUPERMAX SECURITY  
FLUORESCENT/LED



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

### DIMENSIONAL DATA



### FEATURES

The New Star "UMN2-UMN4" Confinement clamshell fixture is designed for max to super security application

- 16-12 gauge die formed steel or stainless steel clamshell housing with full length continuous staked piano hinge with welded end
- Reinforced internal sidewall
- 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.

#### LED NIGHT LIGHT:

Integrated switch allows light selection at 100%,70%,40% and 10% levels

#### GASKET:

Black neoprene gasket around door frame 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

**UMN\_**

UMN2  
11-3/4" x 24-1/2" x 4-5/8"  
UMN4  
11-3/4" x 50" x 4-5/8"

#### Gauge

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

#### # of Lamps

FLUORESCENT: LED UMN2:  
UMN2-UMN4 L2 = LED 2 Row (25W)  
1 = 1 Lamp L3 = LED 3 Row (37.5W)  
2 = 2 Lamp LED UMN4:  
3 = 3 Lamp L2 = LED 2 Row (50W)  
L3 = LED 3 Row (75W)

#### Lamp Type

FLUORESCENT: UMN2 LED:  
17= Linear 17W T8 35 = White 3500' K  
14 =Linear 14W T5 40 = White 4000' K  
24 =Linear 24W T5 HO 50 = White 5000' K  
40 =40 Twin 2Gx11 (2 Lamp only)  
FLUORESCENT:UMN4  
32 = 32W T8  
28 = 28W T5  
54 = 54W T5 HO

#### # of Ballasts/Drivers

Fluorescent: LED:  
1 = 1 Ballast 1 = Driver  
2 = 2 Ballast 2 = Driver

#### Outer Lens

Ø = No Lens 4 = .500 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. 8 = .500 Clear Temp.Glass<sup>^</sup>  
3 = .375 Clear Poly. 9 = .750 Clear Temp.Glass<sup>^</sup>

#### Inner Lens

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

#### Voltage

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

#### Options

DB = Ballast: Dimming (0-10V) \*  
E1 = Emerg.Ballast (450 Lumens) \* ◀  
E2 = Emerg.Ballast (1350 Lumens) \* ◀  
PR = Program. Rapid Start Ballast  
AH = Allenhead Screws with center 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

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

◀ Consult factory for T5 availability

