

# UMN2-UMN4

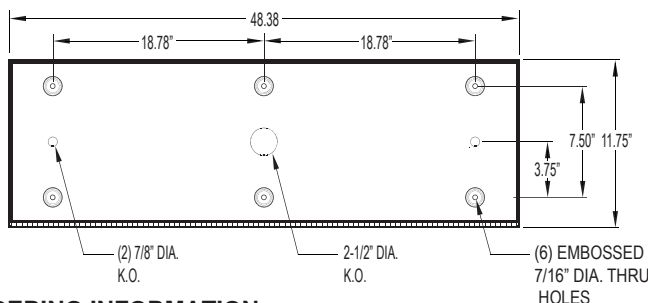
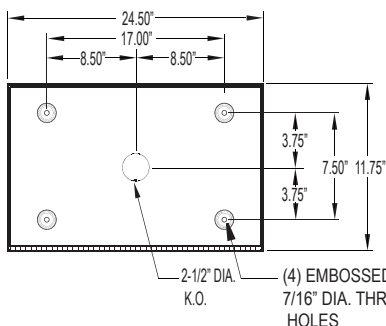
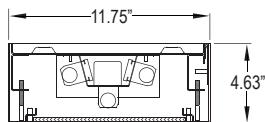
## CONFINEMENT SERIES

SURFACE LUMINAIRE

CLAMSHELL DESIGN FOR MAX. TO SUPERMAX SECURITY  
FLUORESCENT/LED



### DIMENSIONAL DATA



### 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  
(Brushed) (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^  
2 = .250 Clear Poly. 8 = .500 Clear Temp.Glass^  
3 = .375 Clear Poly. 9 = .750 Clear Temp.Glass^

#### 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) \* LN = LED Night Light. Consult  
E1 = Emerg.Ballast (450 Lumens) \* factory for available color  
E2 = Emerg.Ballast (1350 Lumens) \* /temperatures.  
PR = Program. Rapid Start Ballast FZ = Fuse Holder \*  
AH = Allenhead Screws UV = .005 UV Absorbing  
with center pin reject Overlay  
NL = Fluorescent Night Light \*

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

◀ Consult factory for T5 availability

PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

### 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

### 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 powercoat finish following an 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.

V12222022





Based on a .125 Clear Polycarbonate Outer lens / .125 Prismatic Acrylic Inner lens				
# LED BOARDS	# ROWS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS
UMN2:				
L2	2 Rw	(25.0W)	110	2,750 LMS
L3	3 Rw	(37.5W)	110	4,125 LMS
UMN4:				
L2	2 Rw	(50.0W)	110	5,500 LMS
L3	3 Rw	(75.0W)	110	8,250 LMS
TAKE AN ADDITIONAL 20% OFF DELEIVERED LUMENS WHEN SPECIFYING THE LC3 LENS				