

UMN2-UMN4

CONFINEMENT SERIES

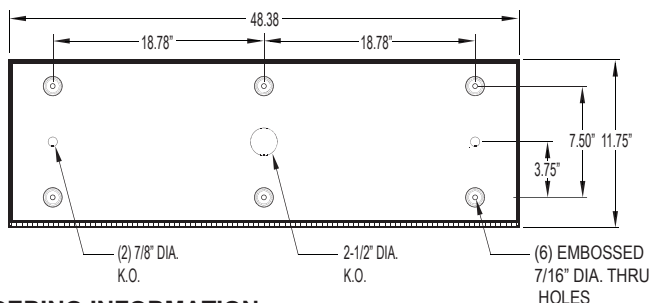
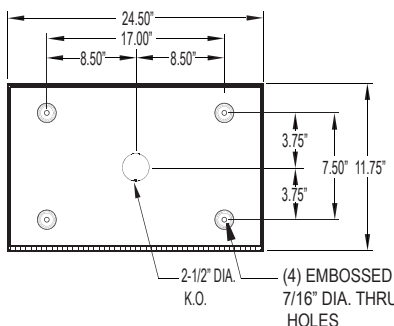
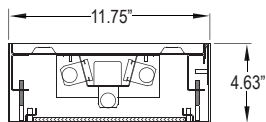
SURFACE LUMINAIRE

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[^]
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) *
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

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

◀ Consult factory for T5 availability



Based on a .125 Clear Polycarbonate Outer lens / .125 Prismatic Acrylic Inner lens

# LED BOARDS	# ROWS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS
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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