

UMN2-UMN4

CONFINEMENT SERIES

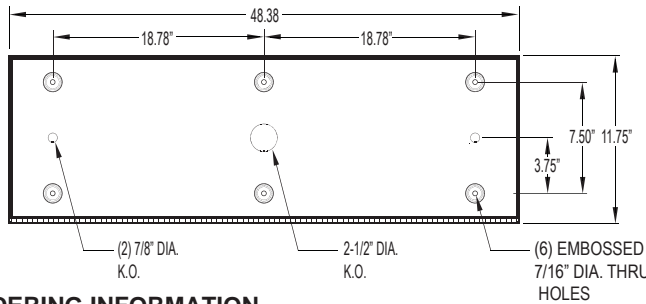
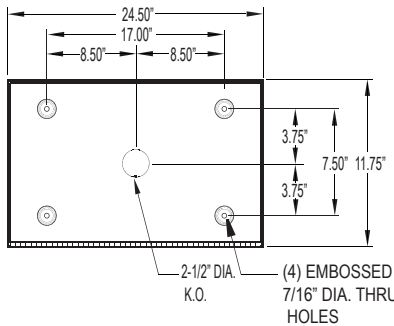
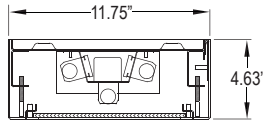
SURFACE LUMINAIRE

CLAMSHELL DESIGN FOR MAX. TO SUPERMAX SECURITY
FLUORESCENT/LED



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

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 (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 F = .156 Pris. Acrylic
 B = .125 Pris. Poly. G = .140 DR Acrylic
 C = .156 Pris. Poly.

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 *
 UV = .005 UV Absorbing Overlay

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

◀ Consult factory for T5 availability

V09132024

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.

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