

# 33W2-33W4

## CONFINEMENT SERIES

SURFACE LUMINAIRE

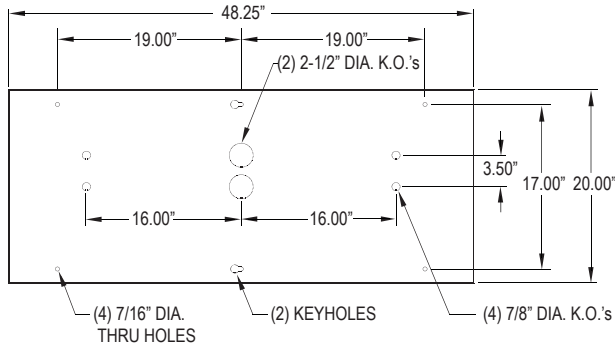
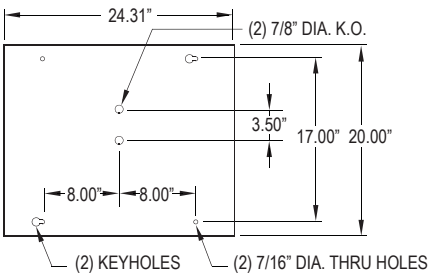
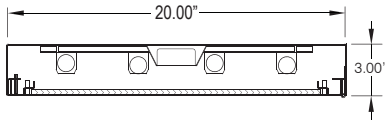
NON-CLAMSHELL DESIGN FOR MIN. TO MAX. SECURITY  
FLUORESCENT/LED



Made in America



### DIMENSIONAL DATA



### ORDERING INFORMATION

Product Family	Gauge	# of Lamps	Lamp Type	# Ballasts/Drivers
<b>33W_</b>				
33W2 20" x 24-5/16" x 3"	A = 12 Ga. CRS B = 14 Ga. CRS C = 16 Ga. CRS D = 18 Ga. CRS E = 14 Ga. SS F = 16 Ga. SS	Fluorescent: 33W2-33W4 2 = 2 Lamp 3 = 3 Lamp 4 = 4 Lamp 6 = 6 Lamp LED 33W2: L2 = LED 2 Row (25W) L3 = LED 3 Row (37.5W) L4 = LED 4 Row (50W) L5 = LED 5 Row (62.5W) L6 = LED 6 Row (75W)	LED 33W4: L2 = LED 2 Row (50W) L3 = LED 3 Row (75W) L4 = LED 4 Row (100W) L5 = LED 5 Row (125W) L6 = LED 6 Row (150W) L7 = LED 7 Row (175W) L8 = LED 8 Row (200W)	Fluorescent: 33W2: 17 = Linear 17W T8 14 = Linear 14W T5 24 = Linear 24W T5 HO U6 = 32W U-Lamp + (6" leg spacing) 40 = 40 Twin 2Gx11 (2 Lamp only)
33W4 20" x 48-1/4" x 3"	G = 18 Ga. SS H = 14 Ga. SS (Painted) J = 16 Ga. SS (Painted) K = 18 Ga. SS (Painted)	Fluorescent: 33W4: 32 = 32W T8 28 = 28W T5 54 = 54W T5 HO LED: 35 = White 3500°K 40 = White 4000°K 50 = White 5000°K	Fluorescent: 33W4: 32 = 32W T8 28 = 28W T5 54 = 54W T5 HO LED: 35 = White 3500°K 40 = White 4000°K 50 = White 5000°K	Fluorescent: 1 = Ballast 2 = Ballast

Outer Lens	Inner Lens	Voltage	Options
Ø = No Lens 3 = .375 Clear Poly. A = .125 Clear Poly. B = .156 Clear Poly. 1 = .187 Clear Poly. 2 = .250 Clear Poly.	Ø = No Lens A = .125 Pris. Acrylic B = .125 Pris. Poly. C = .156 Pris. Poly. D = .187 Pris. Poly.	E = .156 Pris. Temp. Glass F = .156 Pris. Acrylic G = .140 DR Acrylic LC3 = .125 White Frosted Polycarbonate	12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V) 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

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

◀ Consult factory for T5 availability  
■ Consult factory for lamp-ballast options  
+ 3 lamp only  
◆ Not available in LED



PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

PRODUCT: \_\_\_\_\_

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_

### FEATURES

The New Star™ 33W2-33W4 " Confinement fixture is designed for security application in low profile, energy and material saving design.

- 18-12 gauge die formed steel or stainless steel non-clam shell housing with full length continuous staked piano hinge with welded end.
- Door frame attached via full length hinge with a wide variety of lens options
- Z-Channel lens mounting and weld studs to provide impact protection
- Torx head center pin screws standard
- Black neoprene gasketing around door frame to prevent light leaks.
- 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.

#### FRAME:

Die formed one-piece frame with tightly closed corners. (material and gauge to match housing).

#### 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.

#### ELECTRONICS:

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

#### LED:

Available in three standard color temperatures 3500°K, 4000°K & 5000°K. Other color temperatures available, consult factory.

#### LED NIGHT LIGHT:

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

#### GASKET:

Black neoprene around door frame interior 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:



www.newstarlighting.com

#### 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.