33LW2-33LW3-33LW4

Confinement Series

Surface Luminaire

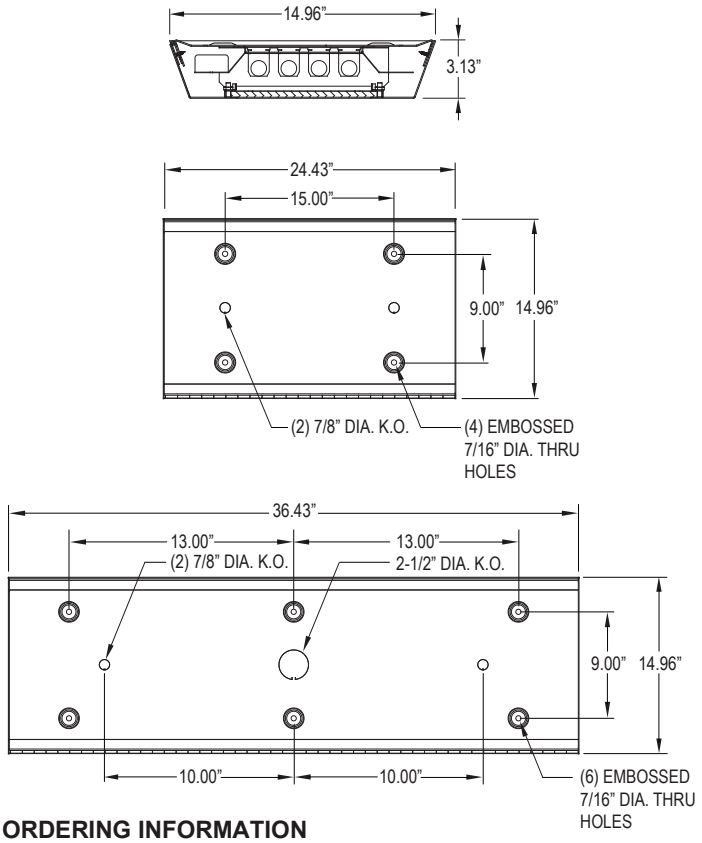
Clamshell Design for Min. to Supermax Security

Fluorescent/LED

Made in America

Project:	
Type:	
Product:	
Approved:	
Date:	

DIMENSIONAL DATA



FEATURES

The New Star " 33LW2-33LW3-33LW4 " Confinement fixture is designed for security application in low profile, energy, and material saving design.

- 18-12 gauge die formed steel or stainless steel clam shell housing with full length continuous staked piano hinge with welded end.
- Maximum to super maximum security application
- Sloped side design increases strength and durability
- 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.

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 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:
c UL us

ORDERING INFORMATION

Product Family

33LW_ -

33LW2
15" x 24-7/16" x 3-1/8"
33LW3
14-15/16" x 36-7/16"x 3-1/8"
33LW4
14-15/16" x 48-7/16"x 3-1/8"

Gauge -

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

# of Lamps -

Fluorescent
33LW:
2 = 2 Lamp
3 = 3 Lamp
4 = 4 Lamp
LED 33LW2:
L1 = LED 1Rw (12.5W)
L2 = LED 2 Rw (25W)
L3 = LED 3 Rw (37.5W)

LED 33LW3:
L1 = LED 1Rw (18.75W)
L2 = LED 2 Rw (37.5W)
L3 = LED 3 Rw (56.25W)

LED 33LW4:
L1 = LED 1Rw (25.0W)
L2 = LED 2 Rw (50W)
L3 = LED 3 Rw (75.0W)

Lamp Type

Fluorescent
33LW2:
17 = Linear 17W T8
14 = Linear 14W T5
24 = Linear 24W T5 HO
40 = 40 Twin 2Gx11 (2 Lamp only)
33LW3
21 = 21W T5
25 = 25W T8
39 = 39W T5 HO

33LW4
32 = 32W T8
28 = 28W T5
54 = 54W T5 HO

LED:
35 = White 3500˚ K
40 = White 4000˚ K
50 = White 5000˚ K

 # Ballasts/Drivers

Fluorescent:
1 = Ballast
2 = Ballast

LED:
1 = Driver
2 = Driver

Outer Lens -

Ø = No Lens
A = .125 Clear Poly.
B = .156 Clear Poly.
1 = .187 Clear Poly.
2 = .250 Clear Poly.
3 = .375 Clear Poly.
5 = .187 Clear Temp.Glass
6 = .250 Clear Temp.Glass
7 = .375 Clear Temp.Glass^

Inner Lens /

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

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) *◄
EL1= Emerg. Bat. LED Low
EL2= Emerg. Bat. LED High
PR = Program. Rapid Start Ballast
AH = Allenhead Screws w/ct. 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
CB = Cross Bar

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

◄ Consult factory for T5 availability
■ Consult factory for lamp-ballast options

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.

New Star - 4000 S. Bell St. - Chicago, IL 60609 - TEL (773) 847-1400 - FAX (773) 254-6811 - V013

33LW2-33LW4

# LED BOARDS	# ROWS	WATTAGE	EFFICACY (lm/W	DELIVERED LUMENS
33LW22:				
L1	1 Rw	(12.5W)	110	1,375 LMS
L2	2 Rw	(25W)	110	2,750 LMS
L3	3 Rw	(37.5W)	110	4,125 LMS
33LW4:				
L1	1 Rw	(25.0W)	110	2,750 LMS
L2	2 Rw	(50W)	110	5,500 LMS
L3	3 Rw	(75W)	110	8,250 LMS

*** TAKE AN ADDITIONAL 20% OFF DELIVERED LUMENS WHEN SPECIFYING THE LC3 LENS**