

# WARRIOR W2-W4

## CONFINEMENT SERIES

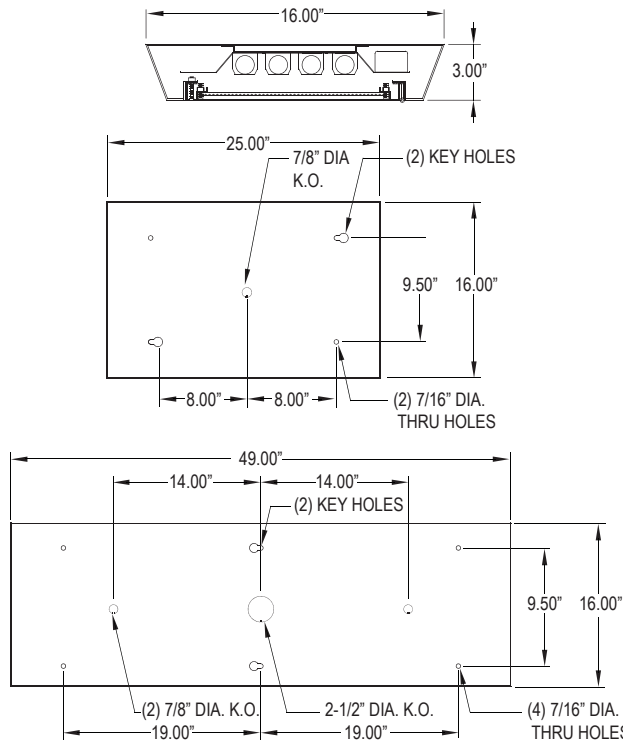
SURFACE LUMINAIRE

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



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

### DIMENSIONAL DATA



### FEATURES

The New Star "Warrior W2-W4" Confinement slope surface fixture is designed for security application where easy authorized access is a factor.

- 18-12 gauge die formed steel or stainless steel nonclam 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
- 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:

Electronic Ballast <10% THD standard. Lamps by others.

#### 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

**WARW** -

#### Gauge

- 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  
WARW2:  
2 = 2 Lamp  
3 = 3 Lamp  
4 = 4 Lamp  
LED WARW2:  
L2 = LED 2 Row (25W)  
L3 = LED 3 Row (37.5W)  
L4 = LED 4 Row (50.0W)  
LED WARW4:  
WARW4:  
2 = 2 Lamp  
3 = 3 Lamp  
4 = 4 Lamp  
L2 = LED 2 Row (50W)  
L3 = LED 3 Row (75W)  
L4 = LED 4 Row (100W)

#### Lamp Type

- WARW  
17 = Linear 17W T8  
14 = Linear 14W T5  
24 = Linear 24W T5 HO 50 = White 5000° K  
40 = 40 Twin 2Gx11 (2 lamp only)  
WARW4  
32 = 32W T8  
28 = 28W T5  
54 = 54W T5 HO

#### # of Ballasts/Drivers

- Fluorescent:  
1 = 1 Ballast  
2 = 2 Ballast  
LED:  
1 = Driver  
2 = Driver

#### Outer Lens

- Ø = No Lens  
A = .125 Clear Polycarbonate  
B = .156 Clear Polycarbonate  
1 = .187 Clear Polycarbonate  
2 = .250 Clear Polycarbonate  
3 = .375 Clear Polycarbonate.  
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. Polycarbonate  
C = .156 Pris. Polycarbonate  
D = .187 Pris. Polycarbonate  
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 = Dimming Ballast (0-10V) \*  
DM = Dimming Driver (0-10V)  
SDM = Step Dimming Module  
PR = Program Rapid Start  
FZ = Fuse \*  
NL = Fluorescent Night Light \*  
LN = LED Night Light. Consult factory for available color/temperatures  
AH = Allenhead Screws with center pin reject  
E1 = Emerg. Bat. Pack (450 Lumens) \* ◀  
E2 = Emerg. Bat. Pack (1100 Lumens) \* ◀  
EL1 = Emerg. Bat. LED Low  
EL2 = Emerg. Bat. LED High  
TH = Torx Head screws (with center pin)  
TM = Tandem Mount  
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  
▲ 1 lamp only  
◆ Not available in LED

#### 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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**WARW2:**

L2	2 Rw	(25.0W)	115	2,875 LMS
L4	4 Rw	(50.0W)	115	5,750 LMS
L6	6 Rw	(75.0W)	115	8,625 LMS

**WARW4:**

L2	2 Rw	(50.0W)	115	5,750 LMS
L4	4 Rw	(100.0W)	115	11,500 LMS
L6	6 Rw	(150.0W)	115	17,250 LMS

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