

# 58H2-58H4

## CONFINEMENT SERIES

WALL LUMINAIRE

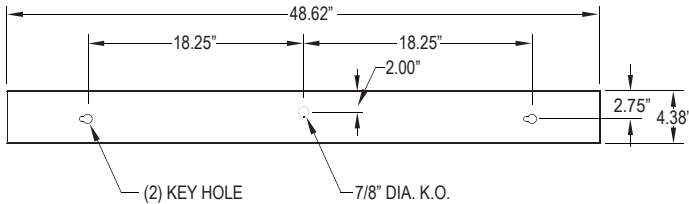
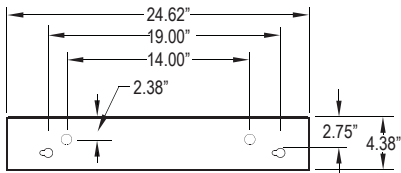
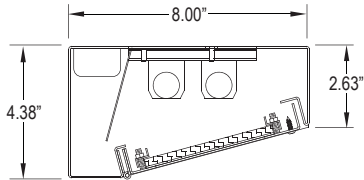
NON-CLAMSHELL DESIGN FOR MIN. TO MAX. SECURITY  
FLUORESCENT/LED



Made in America



### DIMENSIONAL DATA



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

### FEATURES

The New Star<sup>®</sup> 55H2-55H4<sup>™</sup> Confinement wall fixture is design for high abuse security applications. The mounting style is ideal for an inmate reading illumination source when mounted on the wall.

- 18-12 gauge cold rolled steel or stainless steel with continuous seam welds
- 16 gauge concealed full length continuous staked piano hinge with welded ends
- Lens options held in place with Z-Channel and weld studs
- Black Neoprene gasket around door frame to prevent light leaks
- Tamper resistance Torx head center pin screws standard
- Wet location optional

### 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:

Polycarbonate or tempered glass lens sealed to frame.

#### LENS RETAINER:

14 gauge cold rolled retaining angles attached to through door studs for positive lens clamping

#### 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 powdercoat finish following an iron phosphate pre-treatment.

#### LABEL:



### ORDERING INFORMATION

Product Family	Gauge	# of Lamps	Lamp Type	#of Ballasts/Drivers
<b>58H2_</b>				
58H2 8" x 24-5/8" x 4-3/8" 58H4 8" x 48-3/4" x 4-3/8"	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)	Fluorescent: 58H2-58H4 1 = 1 Lamp 2 = 2 Lamp LED 58HA2: L1 = LED 1 Rw(12.5W) L2 = LED 2 Rw(25 W)	LED 58H4: L1 = LED 1Rw(25W) L2 = LED 2 Rw(50W)  58H2 17 = Lin. 17W T8 14 = Lin. 14W T5 24 = Lin. 24W T5 HO 40 = 40 Twin 2Gx11 ( 1 lamp only )  58H4 32 = Lin. 32W T8 28 = Lin. 28W T5 54 = Lin. 54W T5 HO LED: 35 = White 3500° K 40 = White 4000° K 50 = White 5000° K	Fluorescent: 1 = 1 Ballast 2 = 2 Ballast LED: 1 = Driver 2 = Driver

Outer Lens	Inner Lens	Voltage	Options
∅ = No Lens A = .125 Clear Poly. B = .156 Clear Poly. 1 = .187 Clear Poly. 2 = .250 Clear Poly. 3 = .375 Clear Poly. 4 = .500 Clear Poly. 5 = .187 Clear Temp. Glass 6 = .250 Clear Temp. Glass 7 = .375 Clear Temp. Glass 8 = .500 Clear Temp. Glass 9 = .750 Clear Temp. Glass LC3 = .125 White Frosted Polycarbonate	∅ = 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	12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)	DB = Ballast: Dimming (0-10V) * E1 = Emergency Ballast (450 Lumens) * E2 = Emergency Ballast (1350 Lumens) * PR = Programmable Ballast - Rapid Start AH = Allenhead Screws 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 TC = Top Cap

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

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

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.



# 58H2-58H4



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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**58H2:**

L1	1 Rw	(12.5W)	110	1,375 LMS
L2	2 Rw	(25.0W)	110	2,750 LMS

**58H4:**

L1	1 Rw	(25.0W)	110	2,750 LMS
L2	2 Rw	(50.0W)	110	5,500 LMS

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