

# GIS EMERGENCY LIGHT WITH NEMA 12 ENCLOSURE

Guards Against Dust, Fibers, Lint In Atmosphere



## FEATURES

- NEMA 12 housing
- 50 watt capacity
- Self diagnostic circuitry
- Low voltage battery disconnect
- Optional battery types
- Battery heater
- Plastic lens cover

## BENEFITS

- Sealed construction
- Use remote heads
- Reliable operation
- Added battery life
- Optimized operation
- -20° F operation
- FDA approved for food areas

## APPLICATIONS

- Food processing
- Industrial plants
- Chemical plants
- Pharmaceutical plants
- Dusty areas
- Low temperature areas
- High temperature areas

## Specifications/Features

### GENERAL

- Emergency egress lighting fixture utilizing flood light design.
- Designed to meet NFPA Life Safety, OSHA, NEC local and state codes.
- Wall mount design sealed and gasketed for use in non-hazardous, non-corrosive areas where dust, fibers, lint, falling dirt, dripping liquids or light splashing conditions exist.
- 6 or 12 volt units.
- Remote capacity.

### CONSTRUCTION

- 18 gauge steel cabinet; industrial gray finish.
- Knockouts provided for side entry.
- Easy front access to wiring compartment and electronics.
- Mounting lugs provided.
- Gasketed door.

### LAMPS & LENS

- Glass lens provides trapezoidal distributions.
- Lighting heads of durable "Noryl."
- Available in choice of voltage and wattage.
- Use "PLC" lens cover in food plants.

### ELECTRICAL

- Dual 120 or 277 VAC input.
- Long life maintenance free lead calcium battery (optional pure lead and nickel cadmium available).



*NEMA 12 enclosure constructed of 18 gauge steel with corrosion-resistant industrial gray finish.*



*4-Mounting Lugs provided for easy installation.*

- 1-1/2 hours of light to an end battery voltage of 87-1/2% of nominal voltage.
- Remote fixture capability on select models.

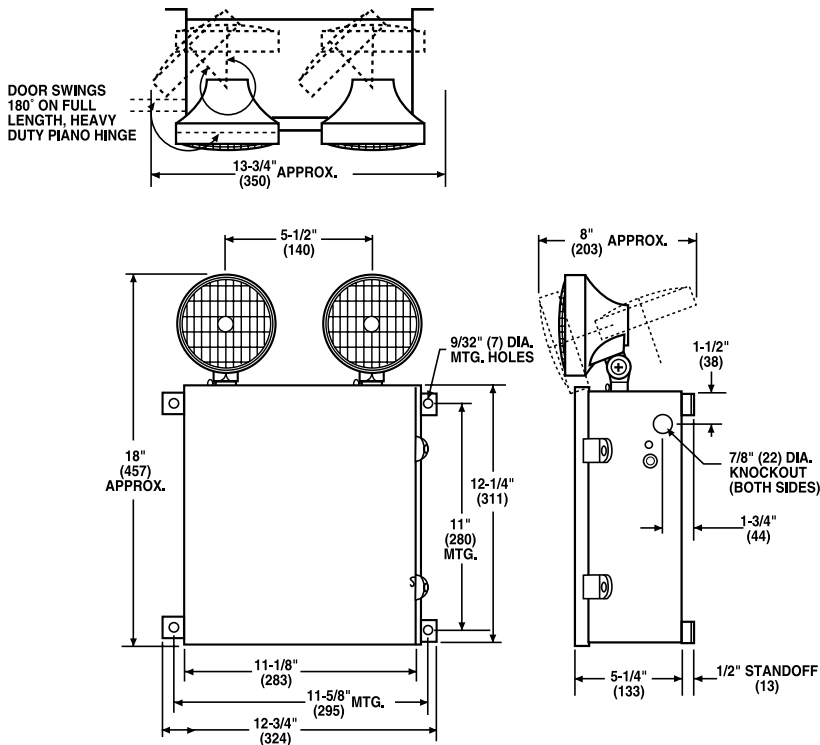
### ELECTRONICS

- Automatic transfer switching circuit.
- Automatic, temperature compensating, variable rate float charger; 24 hour recharge.
- Solid-state line-latched low voltage disconnect circuit guards against deep discharge of battery.
- Disconnect circuit protects DC output from short circuit, overload and surges.
- Brownout monitor activates unit at preset low AC voltage.
- Push to test switch.
- AC ready light.

### LISTING

- U.L. Listed.

## Dimensions



## GIS Catalog Numbers

CATALOG NO.	VOLTS	WATTS	WT.	STANDARD LAMP
GIS-3	6	16	23 lbs.	7.2 watts incandescent (-03) (each head)
GIS-5	6	26	24 lbs.	
GIS-7	6	30	30 lbs.	9.0 watts incandescent (-51) (each head)
GIS-9	6	50	31 lbs.	
G12IS-12	12	30	32 lbs.	
G12IS-14	12	50	34 lbs.	

## Light Output\*

CATALOG NO.	1-1/2 HRS.	2 HRS.	3 HRS.	4 HRS.
GIS-3	16	15	13	9
GIS-5	26	20	15	12
GIS-3	30	22	17	13
GIS-9	50	40	30	24
G12IS-12	30	22	17	13
G12IS-14	50	40	30	24

\*Capacity in wattage to 87-1/2% Nominal Voltage.

## Options

- "/LCW" - 3 Conductor Line Cord - Waterproof (120 VAC)
- "/TD-120" - Time Delay Monitor - 120 VAC
- "/TD-277" - Time Delay Monitor - 277 VAC
- "/220" - 220-50Hz VAC Input
- "/16" - 8 Watt Halogen Lamp Substitution Models GIS-3 thru GIS-9
- "/63" - 8 Watt Halogen Lamp Substitution Models G12IS-12 thru G12IS-14
- "/TCH" - Thermostatically Controlled Heater
- "/SX" - SX-7 Self-Diagnostic Circuit
- "/GISP" - Pure Lead Battery Substitution - GIS-3 thru GIS-9
- "/G12ISP" - Pure Lead Battery Substitution - G12IS-12 thru G12IS-14
- "/GISN" - Nickel Cadmium Battery Substitution GIS-3 thru GIS-9
- "/G12ISN" - Nickel Cadmium Battery Substitution G12IS-12 thru G12IS-14
- "/PLC" - Plastic Lamp Cover (For Food Plants)

## Remote Fixture Capability

Anytime remote fixtures are to be connected, the total lamp load (total number of bulbs times bulb wattage), of the remote fixtures and the emergency light must not exceed the 90 minute wattage rating. See pages E-14 and E-15.

## SX-7 Self-Diagnostic Circuit

The optional SX-7™ Self-Diagnostic circuit automatically cycles the emergency light every 25-30 days. The "SX" circuit checks for battery charging and over-charging, checks battery capacity, and reports any system malfunction. By design, the SX-7 does not activate the lighting heads, thus avoiding substantial lamp life reduction.