

# GHD SERIES HEAVY DUTY EMERGENCY LIGHT

## High Capacity Emergency Lights Power Remote Fixtures



### FEATURES

- 6 or 12 volt
- 85-350 watts capacity
- Attached and remote heads
- Low voltage battery disconnect
- Brownout monitor
- Steel housing
- Optional plastic lens cover

### BENEFITS

- Covers large areas
- Lowest first cost
- Brownout operation
- Maximum battery life
- Easy installation

### APPLICATIONS

- Industrial plants
- Schools
- Parking garages
- Theatres
- Apartments buildings
- Food processing

## Specifications/Features

### GENERAL

- Heavy duty units for multiple and remote heads.
- Emergency egress lighting fixture utilizing flood light design.
- Designed to meet NFPA Life Safety, OSHA, NEC, local and state codes.
- Wall mount design.

### CONSTRUCTION

- Die-formed 18 gauge steel housing.
- Baked cream color finish.
- Knockouts provided for side entry.
- Key-slots provided for easy wall hanging.
- Optional mounting shelf; wire guard (see accessories).
- Easy front access to wiring compartment and electronics.

### LAMPS & LENS

- Glass lens provides trapezoidal distributions.
- Lighting heads of durable "Noryl."
- Fully adjustable lighting heads.
- Available in choice of voltage and wattage.
- Also available in optional halogen lamps.

### ELECTRICAL

- Dual 120 or 277 VAC input.
- Long life maintenance free lead calcium battery.
- 1-1/2 hours of light to an end battery voltage of 87-1/2% of nominal voltage.



*Cabinet of heavy duty 18-gauge steel finished in corrosion-resistant paint to withstand conditions in demanding environments.*



*Separate wire compartment includes test switch, charge indication and optional voltmeter and ammeter.*

- Remote head capability.
- Dual output circuits for load distribution.

### ELECTRONICS

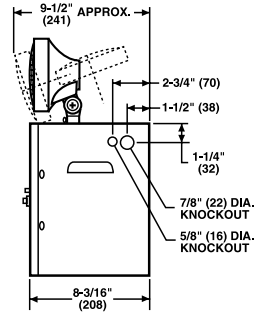
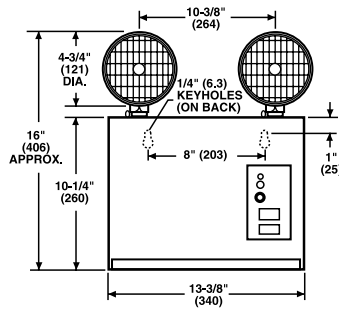
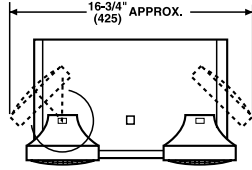
- Automatic transfer switching circuit.
- Automatic, temperature compensating, variable rate float charger; 24 hour recharge.
- Solid-state line-latched low voltage disconnect circuit guards against deep discharge of battery.
- Disconnect circuit protects DC output from short circuit, overload and surges.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

### LISTING

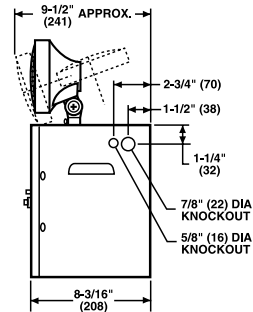
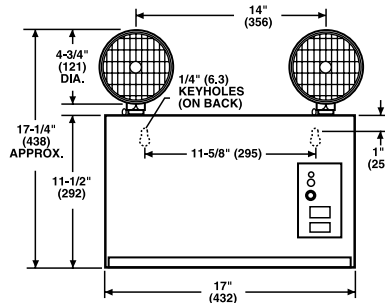
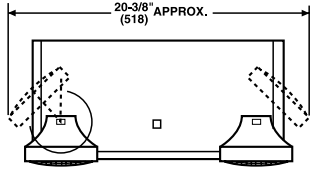
- U.L. Listed.

## Dimensions

### G HD6



### 12 GHD



## GHD6 Catalog Numbers

CATALOG NO.	VOLTS	WATTS	WT.	STANDARD LAMP
GHD6-2	6	85	27 lbs.	7.2 watts incandescent (-03) (each head)
GHD6-4	6	100	33 lbs.	
GHD6-6	6	152	39 lbs.	
GHD6-8	6	210	47 lbs.	

## 24GHD Catalog Numbers

CATALOG NO.	VOLTS	WATTS	WT.	STANDARD LAMP
24GHD-20	24	200	50 lbs.	9 watts incandescent (-89) (each head)
24GHD-22	24	350	75 lbs.	

## GHD6 Light Output\*

MODEL NO.	1-1/2 HRS.	2 HRS.	3 HRS.	4 HRS.
GHD6-2	85	66	48	36
GHD6-4	100	78	50	36
GHD6-6	152	126	76	63
GHD6-8	210	166	127	101

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

## 12GHD Catalog Numbers

CATALOG NO.	VOLTS	WATTS	WT.	STANDARD LAMP
12GHD-13	12	170	40 lbs.	9 watts incandescent (-51) (each head)
12GHD-15	12	210	49 lbs.	
12GHD-17	12	340	66 lbs.	

## 12GHD Light Output\*

MODEL NO.	1-1/2 HRS.	2 HRS.	3 HRS.	4 HRS.
12GHD-13	170	137	99	71
12GHD-15	210	166	127	101
12GHD-17	340	274	198	142

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

Guth utilizes the services of U.L. and ETL for listing products. Specifications and data are subject to change without notice.

## Options

- "/V" - Voltmeter
- "/A" - Ammeter
- "/LC" - 3 Conductor Cord & Plug (120 VAC)
- "/TD-120" - Time Delay Monitor - 120 VAC
- "/TD-227" - Time Delay Monitor - 227 VAC
- "/220" - 220-50Hz VAC Input
- "/53" - 8 Watt Halogen Lamp Substitution on 12GHD
- "/06" - 8 Watt Halogen Lamp Substitution on GHD6
- "/SX" - SX-7 Self Diagnostic Circuit
- "/12GHDP or GHD6P" - Pure Lead Battery Substitution
- "/SP" - Special Painted Emergency Light (specify color)
- "/TCH" - Thermally Controlled Heater
- "/PLC" - Plastic Lens Cover (For Food Plants)

## 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.

## Remote Lamp Heads

The total lamp load of all attached and remote heads must not exceed the 90 minute wattage rating. Select heads on pages E-14 and E-15.



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