



### OVERVIEW

The LIEX-SS is a compact and reliable explosion proof fog signal emitter designed for deployment as a 2NM sound signal as designated by IALA for audible warning for offshore structures.

Designed for long service life in harsh environments with low maintenance, it's rugged construction makes it ideal for:

- Offshore oil platforms
- Offshore drilling rigs
- Offshore wind farms
- CALM buoys
- Floating production systems (FPSOs)

### STANDARDS / CERTIFICATIONS

Coding: Ex II 2 G Ex db IIB T6 Tamb -40°C to +50°C Gb

ATEX: ITS17ATEX101696X

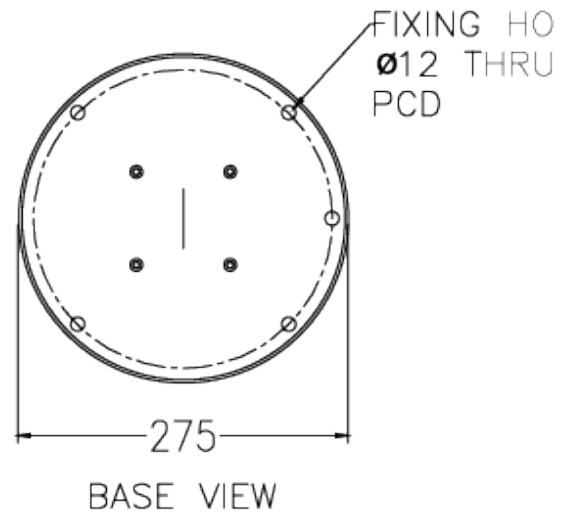
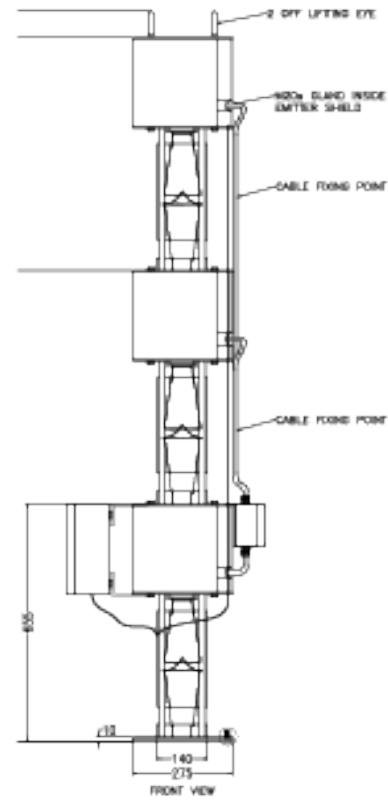
IECEX: IECEX ITS 17.0007x

### KEY FEATURES

- Output is omnidirectional or directional with sound absorbing baffle (Optional).
- Synchronising may also be accomplished by a centralised master coder with self-test feature or remote GPS.
- Terminals are also provided for a 2-hour temporary silence control.
- Power supply includes remote code selector terminals for changing the sounding rhythm and terminals for synchronisation with other horns or lights.
- Sounding Morse code 'U', operating from optional local and/or remote control panels.
- Microprocessor-based control electronics; oscillator, coding timer and control electronics are located in a separate Ex 'd' housing..
- Designed at an optimum frequency to maximise range of 2NM fog signal emitter to IALA and U.S. coastguard guidelines.

## PHYSICAL SPECIFICATIONS

Nominal Range	2 Mile
Frequency	670Hz / 660 Hz
Height	1965 mm (77.36 in)
Diameter	275 mm (10.83 in)
Weight	140 kg (318 lbs)
Mouring	(4) 12 mm (7/16 in) Holes on a 280 mm (11 in) B.C.
Housing	316L Stainless Steel Painted
Input Voltage	10.5 - 30 VDC; 120 or 230 VAC (Optional supply voltages available upon request)
Input Power to Horn	100 Watts
Output Power to Drivers	56 Watts
Electrical Connection	Pre-fitted cables ready to be terminated to junction box
Cable Entries	3x M20/M25mm
Ingress Rating	IP-66
Low Power Consumption	13W @ 13% Duty (Morse U)



*\*All values are subject to change without notice.*



**Pharos Marine Automatic Power, Inc.**  
Houston, TX - USA  
sales@automaticpower.com  
Phone: +1-713-228-5208

**Pharos Marine Automatic Power**  
Gray, LA - USA  
rleblanc@automaticpower.com  
Phone: +1-985-223-8700

**Pharos Marine Automatic Power, Ltd.**  
London, UK  
sales@pharosmarine.com  
Phone: +44-20-8538-

**AB Pharos Marine Pte.**  
Singapore  
sales@pharos-api.com  
Phone: +65-6747-9325