



Product Data Sheet

Lighthouse: LH716.2.23

The Fortified Lighthouse sets the standard for construction, heavy industry, and off-grid monitoring and lighting. Designed to be “hands-off”, site team’s responsibilities after setup is limited to refueling the machine every 45-90 days based on light usage assuming house-power is not accessible. Lighthouses are designed to be placed anywhere cell service is available. With our extended runtimes, we provide the best solution for difficult areas to monitor and luminate.

Each Lighthouse begins as a construction proven light tree. Fortified heavily modifies the internals converting the genset’s output from lighting to battery charging. Numerous cameras, sirens, lights, and data analytic equipment is installed greatly reducing man-hours and fuel costs associated with traditional light tree operation.



FEATURES AND BENEFITS

- Designed by construction for construction focused on labor and fuel savings
- Run times in excess of 60 days (normal use)
- Optical fencing with smart detection analytics
- Bi-Spectrum PTZ’s at 1500+ feet imaging
- Event trigger lighting
- Remotely monitored 24/7/365 with one way communication for stand down or alerts
- Global accessibility by project team members
- 10 minute setup and takedown
- User programmable schedule, dimming, and arming with independent system control as needed

Fortified

5353 Main Street, Suite 150 - Williamsville, NY 14221

(833) 310-1554 - fortifiedinc.com

Lighthouse: LH716.2.23

SPECIFICATIONS:

Diesel: 13.1 HP

Fuel Type: Diesel (on-road or off-road)

Fuel Quantity: 35 gallons

Power: 6,000 watt output

Battery: 400 Ah @ 12 volts

Operating Temperatures: -20F to 120F

Camera Configuration: 3 Bi-spectrum PTZs

Camera Range: 1500+ feet x 3 units

Lighting: 4 adjustable/dimmable LED packs @ 150,000 Lumens total (additional Lumens available upon request)

Speaker: 100 watt

Strobe: 3 multi-color

Communications: Dual SIM service router with failover (Verizon and AT&T unless specified)

Wireless Frequencies: 2.4 GHz, 5 GHz, and 345 & 900 MHz

GPS Enabled: Yes

Fortified ARC Link with 24/7 Monitoring: Yes

Additional UL Monitoring if needed: Yes

Deployment: 1) Locate the unit on flat ground. 2) Extend two jacks to the fullest point possible on the side of the Lighthouse and pin in place. 3) Rotate and pin the jacks from step 2. Rotate the front and rear jacks and pin in place. 4) Using the jacks, raise the unit so the tires are off the ground. Use either a level or the level indicator to confirm the unit is level front to back and side to side. **For swing masts:** 5) Unpin the mast. 6) Attach the tension cables. 7) Mechanically raise the mast using the winch ensuring it is fully raised and the spring latch is engaged. 8) Raise the mast using the lifting winch to the desired height. 9) Secure and tighten the tension cables. **For electric masts:** 5) Open the cover on the left side of the Lighthouse. 6) Attach the tension cables. 7) Use the toggle switch to raise the mast to the desired height. 8) Secure and tighten the tension cables. Lower in reverse order.

Fueling: 1) Open the cover on the left side. 2) Unscrew the fuel cap. 3) Fuel with either on-road or off-road diesel to full. 4) Tighten the cap. 5) Close and lock the access door.

LEADTIME & ORDERING:

30-90 days based on volume

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