

## Baldor POW'R LITE Light Tower

Baldor's compact mobile light tower provides 4000 watts of light anywhere you need it: Construction, Emergency, Industrial, Mining, Civil Engineering and Event Lighting. With metal-halide lamps the Baldor POW'R LITE models will provide light coverage for over 5-7 acres.



- **Baldor's 6kW Generator** – powered by an 1800 RPM liquid-cooled Kubota diesel engine. The Baldor Generator and Kubota engine are backed by a 3-Year Limited Warranty.
- **Baldor's new elliptical light fixtures** – provide a more efficient light pattern than conventional round fixtures. The 4 – 1000 Watt metal halide lamps are supported on both ends to enhance durability and long life.
- **Corrosion resistant aluminum enclosure** – heavy duty 12 gauge side panels and lockable doors. Durable powder coat finish.
- **Convenience outlets** – 2000 watts, 120 VAC and 240 VAC.
- **Designed for easy service** – the side fender and side panel are easily removed allowing full access in minutes for engine/alternator service.
- **Mast and outriggers** – zinc plated for long life.
- **30' extended light tower** – Tower rotates 360 degrees
- **4-section mast** – allows for compact trailering length. Coiled mast cords.
- **Dual forklift pockets** – located on light mast and bottom of trailer for easy lifting.
- **Internal control panel** – protects against elements. Hour meter and keylock standard.
- **Engine shutdown** – low oil/high temperature shutdown protection.
- **50 Gallon fuel tank** – provides 100 hours of runtime and outside fill cap.
- **Radiator fill** – easily accessible from end panel cutout.
- **Battery included.**

## Mast/Enclosure

Lighting Coverage . . . . . 5-7 Acres @ 0.5 foot candles  
Mast Height . . . . . 30'  
Mast Material . . . . . Zinc Plated  
Mast Sections . . . . . 4  
Tower Rotation . . . . . 360 Deg  
Mast Cord . . . . . Coiled  
Enclosure Material . . . . . 12 Gauge  
Finish/Coating Enclosure . . . . . Powder Coat  
Finish/Coating Hardware . . . . . Zinc Plated  
Lockable Doors . . . . . Yes  
Hinge Material . . . . . Aluminum  
Fenders . . . . . Steel  
Outrigger System . . . . . 3 Point  
Forklift Pockets . . . . . Standard  
Maximum Wind Load . . . . . 65 MPH

## Engine Specifications

Manufacturer . . . . . Kubota  
Model . . . . . D905E  
Cylinders . . . . . 3  
Induction System . . . . . Naturally Aspirated  
Displacement, cc (cu. in.) . . . . . 898 cc (54)  
EPA Emissions Level . . . . . Tier 2  
HP @ Rated Speed . . . . . 17  
RPM . . . . . 1800  
Bore and Stroke . . . . . 2.83" x 2.90"  
Lubrication Capacity (with filter) . . . . . 5.4 Qts  
Battery Recommendation (min. cold cranking amps) . . . . . 525  
- Battery, battery rack, and cable supplied  
- Spin-on oil filter  
- Thermostat controlled liquid cooling system  
- Glow plugs  
- 12V engine alternator  
- 12V starter motor

## Trailer

Standard Hitch . . . . . 2" Ball  
Trailer Tongue . . . . . Removable  
Trailer Lights . . . . . DOT Approved  
Transport Tie-downs . . . . . Standard  
Tires . . . . . 205 / 75D14  
Towing Speed (MPH) . . . . . 60

## Fuel System Specifications

**Fuel Consumption** **GPH**  
Full Load . . . . . 0.5  
**Approximate Run Time** **Hours**  
Full Load . . . . . 100  
**Fuel Capacity**  
Gallons . . . . . 50  
Fuel . . . . . Diesel

## Weights and Dimensions

Weight Without Fuel . . . . . 1800  
Dimensions Stowed (L x W x H) . . . . . 162" x 54" x 73"  
Dimensions Extended (L x W x H) . . . . . 106" x 122" x 396"

## Sound Level

Sound level dB(A) . . . . . 72  
Measured @ 7 meters, full load

## Engine, Generator Instrumentation

Digital controller with integral hour meter, operator keylock, engine preheat, and engine start selection. Low oil, high temperature, low battery, and overspeed protection with LED indicators.

## Receptacle Specifications

120 Volt 20 Amp Duplex GFCI . . . . . 1  
120/240 Volt 30 Amp Twistlock (L630R) . . . . . 1  
Voltage Regulation . . . . . ± 5%  
Frequency . . . . . 60 Hz

Baldor reserves the right to implement specifications or design changes without notice.

**WARNING:** Do not connect generator to any building's electrical system unless a disconnect switch has been installed.

Distributed by:

# BALDOR

Baldor Electric Company

P.O. Box 2400 • Fort Smith, AR 72902-2400 U.S.A.  
Phone (479) 646-4711 • Fax (479) 648-5792 • International Fax (479) 648-5895  
www.baldor.com

