

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.



Accessories

■ **PLEW12**
Electric Winch Kit

■ **PLPHC300**
3-Inch Pintle Hitch

■ **PLRB200**
Rear Mounted Trailer Hitch

■ **PLDL12**
Dome Light

- **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 pad 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. Digital controller with display of running hours and genset faults. On/off switches for individual selection of lighting fixtures.
- **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 Aluminum
Finish/Coating Enclosure Powder Coat
Finish/Coating Hardware Zinc Plated
Lockable Doors Yes
Hinge Material Aluminum
Fenders Aluminum
Outrigger System 3 Point
Forklift Pockets Standard on Trailer and Mast
Maximum Wind Load65 MPH

Engine Specifications

Manufacturer Kubota
Model D1005-E3BG
Cylinders 3
Induction System Naturally Aspirated
Displacement, L (cu. in.) 1.001 L (61.8)
EPA Emissions Level Tier 4
HP @ Rated Speed 13.1
RPM 1800
Bore and Stroke 2.99" 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, 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 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

