

Night Responder

EPL-8V



EPL-20W

EPL-8V

EPL-8N

EPL-7N

EFL-1

EMB-1

- Tower raises straight up from it's retracted vertical position allowing quick and easy setup
- Intuitive lamp setup allows lamps to retain the same angle and direction as the tower extends
- SHO-HD lamp fixture with standard 1250 watt system produces 150,000 lumens per lamp

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*Reliability, performance,
and integrity since 1938*



Night Responder™ EPL-8V

SPECIFICATIONS

Engine:	Kubota D1105BG Liquid-cooled diesel Low oil pressure/high temperature automatic shutoff
Power Output:	13.6 HP continuous @1800 rpm
Starting:	12 volt electric Glow plug cold starting system
Fuel Capacity:	30 gal. (114 L)
Operating Time:	Up to 65 hrs. without refueling
Lighting:	4-1250 watt metal halide lamps Initial output of 150,000 lumens per lamp One - instant-on quartz fixture
Electrical:	Alternator (Generator): 60 Hz, 1-phase 8kW AVR regulated Circuits: Hard-wired electrical Ballast: Easily serviceable, "componetized" assemblies One - 120 VAC duplex GFCI convenience outlet One - 240 VAC twist-lock receptacle Ground rod
Tower:	25 ft. vertical seven-section hydraulically-operated tower; UHMW plastic guide blocks for smooth operation Intuitive lamp positioning allows fixtures to be accurately adjusted in retracted position before extending tower. Bi-directional cable reel manages power cord as tower is extended or retracted
Trailer:	Frame: Formed, welded steel Hitch: Adjustable height, reversible combination, 2 in. (50 mm) ball, 3 in. (75 mm) pintle hitch Enclosure: Heavy-duty with 10-gauge side panels and 12-gauge hood Bright tread plate aluminum front panels Doors: Lockable, 12-gauge lift-up access Taillights: LED Stop, turn, and running Forklift pockets and lifting eye Tie down rings Chrome wheels
Stabilizers:	Three-point design Tower center-mounted between two retractable rear outriggers and tongue jack Remains operational in wind gusts up to 65 mph (104.6 kph)
Domestic Shipping Weight:	Light Fixtures: 15 lbs. (6.8 kg) (each) Trailer and Mast: 1,540 lbs. (699 kg) Total Weight: Approx. 1,607 lbs. (820 kg)



VALUE-ADDED FEATURES

SHO-HD (super high output-high definition) parallel lamp fixtures provides up to five times the light of traditionally used quartz fixtures using the same amount of energy.

Supplementary quartz lamp fixture provides immediate light while SHO fixtures reach full intensity.

Reduce repair expense by eliminating potential damage due to tower extending from rear of trailer.

Environmentally friendly banded trailer design provides containment from accidental spills.

Forklift capability from the side and rear allows easy loading and unloading.

Vertical tower allows intuitive lamp positioning permitting fixtures to be accurately adjusted from the ground. Fixtures remain in the desired angle and direction as tower is extended.

OPTIONS

Sound attenuation
LSC100™ automatic light tower control system
Inside LED lighting

DIMENSIONS

Height mast lowered: 7 ft. 1 in. (2.2 m)
Height mast raised: 25 ft. (7.9 m)
Width (towing): 4 ft. 1.5 in. (1.3 m)
Width (outriggers extended): 7 ft. 9.5 in. (1.24 m)
Wheels and Tires: 13 in. (33 cm)



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