

Night Responder

EPL-8N



EPL-20W

EPL-8V

EPL-8N

EPL-7N

EFL-1

EMB-1

- **SHO-HD Lighting System produces more than five times the light of quartz fixtures**
- **Freestanding and portable design allows for rapid deployment**
- **Automatic tower cord reel prevents electrical cord from becoming tangled or twisted**

Strong Past. Dynamic Future.

*Reliability, performance,
and integrity since 1938*



Night Responder™ EPL-8N

SPECIFICATIONS

Engine:	Kubota D1105BG Liquid-cooled diesel Low oil pressure/high temperature automatic shutoff
Power Output:	13.6 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 SHO-HD metal halide fixtures Initial output of 150,000 lumens per lamp One - 500 watt 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:	30 ft. three-section tower; Self-lubricating nylon wear pads Rotation: 360° rotatable from the ground Dual manual winch system Bi-directional cable reel
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. 1,600 lbs. (726 kg)

OPTIONS

Sound attenuation
LSC100™ automatic light tower control system
Electric mast winch
Inside LED lights



VALUE-ADDED FEATURES

SHO-HD (super high output-high definition) parallel lamp fixtures provide 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-HD lamps reach full intensity

Exclusive bi-directional automatic cord reel prevents the electrical cord from becoming tangled or coiled as the tower is raised and lowered.

Appearance package ensures that the light tower complements other station equipment with chrome wheels and retractable outriggers along with bright tread plate aluminum front panels and reflective striping.

Adjustable hitch allows height adjustment of the towing hitch to accommodate a variety of vehicles.

Engine-generator package includes an 1,800 RPM liquid-cooled diesel engine coupled to an 8kW AVR regulated generator to provide additional power for equipment such as fans and light stands.

30-gallon molded polyethylene fuel tank reduces the chance of contamination from rust and corrosion, and provides approximately 65 hours of continuous operation.

DIMENSIONS

Height mast lowered: 6 ft. 1 in. (1.9 m)
Height mast raised: 30 ft. (9.1 m)
Length with fixtures: 13 ft. 6 in. (4.0 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)