

Night Responder

EPL-7N



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**
- **Galvanized tower provides corrosion protection on both the inside and outside of tower**

Strong Past. Dynamic Future.

*Reliability, performance,
and integrity since 1938*



Night Responder™ EPL-7N

SPECIFICATIONS

Engine:	Lombardini LDW1003 Liquid-cooled diesel Low oil pressure / high temperature automatic shutoff
Power Output:	13.4 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 SHO-HD metal halide fixtures Initial output of 150,000 lumens per lamp
Electrical:	Alternator (Generator): 60 Hz, 1-phase 7.5kW capacitor-regulated Circuits: Hard-wired electrical Ballast: Easily serviceable, "componetized" assemblies One - 120 VAC duplex GFCI convenience outlet Ground rod
Tower:	30 ft. three-section tower; Self-lubricating nylon wear pads Rotation: 360° rotatable from the ground Dual manual winch system
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 Doors: Lockable, 12-gauge lift-up access Stop, turn and taillights Forklift pockets and lifting eye Tie down rings
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)



VALUE-ADDED FEATURES

SHO-HD (super high output-high definition) parallel lamp fixtures provide over 50% more lumens per fixture than competitive light towers, and as much as five times more light output than 1000 watt quartz fixtures..

Captive latch on tower support and outriggers eliminates potential for lost pins.

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

Forklift pockets and lifting eye allows easy loading and unloading when transported by truck.

Engine-generator package includes an 1,800 RPM liquid-cooled diesel engine coupled to a 7.5kW 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)

OPTIONS

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