

BL2000 balloon light: Precise illumination in a lightweight package

The Ingersoll Rand BL2000 balloon light plugs into any three-prong, 12-volt, 20-amp outlet and immediately provides 2,000 watts of quiet, glare-free light with fewer reflections and shadows. It inflates with ambient air, and its tilting grip head comes with optional mounting devices that let you aim light directly at your work area.



- Three-section diffusion envelope and internal reflective dome combine to light up a larger area
- Integrated thermo-switch protects light from power variations, helps control internal temperatures
- Polycarbonate shroud is impervious to the elements, protects lamps from touching the envelope

- Suspension-mounted lamp holder provides extra protection in a collision
- No fuse required
- Automatic shutoff for high internal temperatures
- Uses two inexpensive 1000-watt bulbs for easy replacement
- Durable PVC carrying bag and repair kit

SPECIFICATIONS

Diameter – in (m)	43.1 (1.1)
Standard plug type	3-prong
Power draw – amps (volts)	20 (110 – 130)
Recommended power supply – kW-V-A	2.5-120-20
Lamps – watts	2 x 1,000
Lighted area – sq ft (m ²)	15,000 (1393.6)
Operating height – ft (m)	7 – 24 (2.1 – 7.3)
Total weight – lb (kg)	18 (8.2)
Inflation time – sec	45
Wind speed resistance – mph (km/h)	63 (101.4)

OPTIONAL MOUNTING DEVICES:

- Pole-mount: 7' – 15' extension mounts to any equipment with locally sourced hardware
- Truck hitch-mount: 7' – 15' extension mounts directly to a vehicle's receiver hitch
- Tripod stands: 7' – 19' extension or 7' – 24' extension for stand-alone uses

APPLICATIONS

- Paving
- Construction
- Special events
- Disaster relief
- Flag stations and traffic control
- Drilling
- Agriculture
- Military
- Highway construction and maintenance
- Landscaping
- Mining
- Railroad maintenance

Experience Doosan Infracore Portable Power and our industry-leading support and service. Whatever the job, Portable Power has the solution. From our comprehensive range of Ingersoll Rand air compressors, lighting systems, and generators to our rugged and reliable light compaction and concrete equipment, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Portable Power partners with an experienced global dealer network to stand beside you every step of the way. Portable Power — 135 years of providing excellence.



Lighting Systems



L20: Light and power in a single tower

The Ingersoll Rand L20 is ideal for mining, oil and gas exploration, and other applications where an electrical power source isn't easy to come by. Four 1000-watt lamps light up the work site, while the 20-kW generator powers tools, heaters, and more.



- Operator-friendly control and connection panel includes auto start/stop control as a standard feature
- Automatic protective shutdowns for high coolant temperature and low oil pressure with control panel indication
- Reliable Leroy Somer brushless alternator maintains precise voltage control under varying load conditions
- L20 features standard front panel protection to protect the finish of the unit from stones and debris kicked up by the towing vehicle
- Quick disconnect lamp assemblies can be stored inside the enclosure for protection during transport or storage
- 500-hour service interval ensures maximum uptime while the standard fuel/water separator filter provides an extra level of protection against fuel system impurities
- Optional AutoLamp System powers on the lighting system automatically at dusk and off at dawn (or at a user programmed interval) independent of the generator operation, allowing continuous power output while reducing fuel consumption and increasing lamp life

SPECIFICATIONS

	L20	
ENGINE		
Make and Model	Mitsubishi S4Q2	
Number of Cylinders	4	
Displacement – cu in (L)	153 (2.5)	
Power @ Rated Speed – bhp (kW)	32 (24) @ 1800 RPM	
Cooling System	Water	
DC System Voltage / Battery Capacity	12 V / 1000 CCA	
Fuel Type	Diesel	
	Standard	Optional
Usable Fuel Capacity - gal (L)	27 (102)	50 (189)
Runtime with 4 lights / 25% load – hours	69.1	138.3
Runtime with 50% load – hours	25.3	50.5
Runtime with 75% load – hours	16.9	33.8
Runtime with 100% load – hours	12.6	25.3
GENERATOR		
Prime Power Rating, 60 Hz, 1.0 PF	20 kW	
Available Voltages – Single-phase	120 / 240	
Output @ 240 V-1Ø – amps	80	
Output @ 120 V-1Ø – amps	160	
RECEPTACLES W/ INDIVIDUAL CIRCUIT BREAKER PROTECTION		
120 V GFCI Duplex (NEMA 5-20R) – amps	2 x 20	
120 / 240 V Twistlock (NEMA L14-30R) – amps	3 x 30	
120 / 240 V Twistlock (CS6369) – amps	1 x 50	

DIMENSIONS & WEIGHT

	L20
Length w/ drawbar – in (mm)	182 (4625)
Width – in (mm)	79 (2010)
Height in travel position – in (mm)	89 (2260)
Tower Height – ft (m)	30 (9)
Shipping Weight – lb (kg)	2540 (948)
Weight (ready to run) – lb (kg)	2710 (1012)
Sound Level @ 23 ft and 100% Load – dB(A)	70

L20 OPTIONS

- AutoLamp System
- Dual electric winch system with automatic safety stop
- 50-gallon fuel tank
- Analog fuel gauge with low fuel shutdown protection and indication
- Cold Weather Start

Light towers: Making the daylight last

Ingersoll Rand light towers are built with the professional-grade reliability and durability you require. With dependable engines, a brighter and wider coverage area, and protective reflector housings with tempered glass, our towers help you get the job done faster.



- Able to withstand 65-mph winds with outriggers extended and jacks down
- High quality reflector housings and tempered impact-resistant glass lenses
- Automatic protective shutdowns for high engine coolant temperature and low engine oil pressure
- Combination hitch with 3" pintle eye and 2" ball hitch (Lightsource)
- Extends from 12' – 30' with dual, hand-operated winches and automatic safety brake
- Four 1,000-watt metal halide lamps designed for large area coverage
- Mast retracts and stows horizontally for travel
- Patented tower-locking system prevents telescoping during travel
- Telescoping mast with 360° rotation and position lock
- Weather-resistant, twist-lock connections for attaching floodlights

SPECIFICATIONS

	Lightsource	L6	L8
ENGINE			
Make and Model	Kubota D1105	Kubota D1105	Kubota D1105
Number of Cylinders	3	3	3
Displacement – cu in (L)	69 (1.1)	69 (1.1)	69 (1.1)
Power @ Rated Speed – bhp (kW)	13.6 (10.1) @ 1800 RPM	13.6 (10.1) @ 1800 RPM	13.6 (10.1) @ 1800 RPM
Cooling System	Water	Water	Water
DC System Voltage / Battery Capacity	12 V / 600 CCA	12 V / 600 CCA	12 V / 600 CCA
Fuel Type	Diesel	Diesel	Diesel
Usable Fuel Capacity – gal (L)	27 (102)	27 (102)	27 (102)
Runtime with 4 lights – hours	52	52	52
GENERATOR			
Prime Power Rating, 60 Hz, 1.0 PF	6 kW	6 kW	8 kW
Available Voltages – Single-phase	120 / 240	120 / 240	120 / 240
RECEPTACLES W/ INDIVIDUAL CIRCUIT BREAKER PROTECTION			
120 V GFCI Duplex (NEMA 5-20R) – amps	1 x 15	1 x 15	2 x 15
240 V Twistlock (NEMA L6-30R) – amps	1 x 25	1 x 25	1 x 30
DIMENSIONS & WEIGHT			
Length w/ drawbar – in (mm)	172 (4370)	182 (4625)	182 (4625)
Width – in (mm)	62 (1575)	79 (2010)	79 (2010)
Height in travel position – in (mm)	70.5 (1790)	89 (2260)	89 (2260)
Tower Height – ft (m)	30 (9)	30 (9)	30 (9)
Shipping Weight – lb (kg)	1825 (830)	2110 (960)	2110 (960)
Weight (ready to run) – lb (kg)	1990 (900)	2270 (1030)	2270 (1030)

LIGHTSOURCE OPTIONS

- 50-Hz model available
- Aluminum glare shield directs light downward
- Electric winches with automatic safety stop
- Low fuel shutdown with indicator light

L6 AND L8 OPTIONS

- Two extra lamps for a larger illuminated area (L8 only)
- Aluminum glare shield directs light downward
- Electric or hydraulic brakes
- Electric winches with automatic safety stop
- Fuel gauge with low fuel shutdown
- Fuel / water separator
- High-pressure sodium 1,000-watt lamps, ideal for foggy and dusty environments, interchangeable with metal halide bulbs
- Internal lamp storage
- Low decibel output
- Tungsten halogen 1,000-watt lamps (L6 only) and 1,500-watt lamps (L8 only)