



Lighting Systems | Portfolio



Doosan Infracore
Portable Power

Light Towers: Don't Let Darkness Stop Your Project

Light towers from Doosan Portable Power are built with the professional-grade reliability and durability you need.

Standard features across the portfolio include:

- Dependable engines that meet EPA Tier 4 emissions standards
- Weather-resistant connections for attaching floodlights
- Able to withstand 65-mph winds with outriggers deployed
- Telescoping mast with 360° rotation and position lock extends from 12' – 30' with dual, hand-operated winches and automatic safety brake
- Standard 1,000-watt metal halide lamps in cast aluminum housings for added durability and provide brighter and wider coverage area
- Patented tower-locking system prevents telescoping during travel
- Heavy-duty axle provides trouble-free towing on road or off
- Automatic protective shutdowns for high engine coolant temperature and low engine oil pressure
- Fully galvanized steel tower for rust resistance and enhanced corrosion protection



The LightSource, now Compact!

The LSC (LightSource Compact) takes the rental-ready features of the LS and packages them into a more compact platform. This design ensures the most cost efficient transport with 11 fully assembled units per truckload. For illumination of special events, road and bridge construction, emergency and disaster relief, and general construction sites, the LSC is the optimal light tower choice.

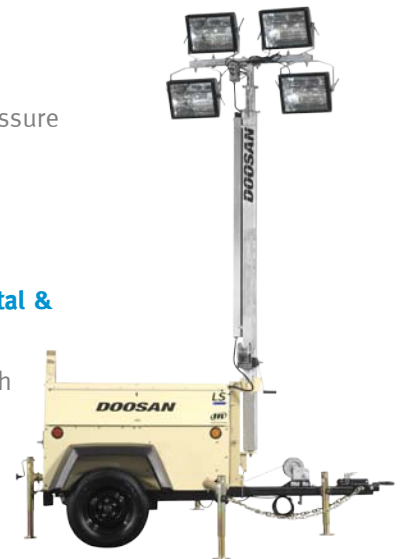
- Able to withstand 65-mph winds with 4-point outriggers deployed
- Trailer equipped standard with full running light package, 2" ball hitch, and safety chains
- Simplified control panel for easy operation
- Curly cord protection prevents pinch or puncture damage
- Industry-leading factory warranty providing 2-year/2,000-hour bumper-to-bumper coverage



LightSource (LS)

Rugged and reliable for rental & construction applications

- Standard combination hitch with 2.5" pintle eye and 2" ball hitch
- 6 kW output providing simultaneous light and power
- Numerous options available to customize the LS to suit any requirement or conditions while still providing class-leading sound levels.



L6 and L8

Wide body design for oil and gas & specialized applications

- Internal lamp storage and belly pans standard
- High output capability
- Multiple lighting configurations available



Model	LSC	LS	L6	L8	L20
ENGINE					
Make	Mitsubishi/L3E	Kubota D1105	Kubota D1105	Kubota D1105	Mitsubishi S4Q2
Emissions Tier Level	Tier 4 Final (T4F)	Tier 4 Final (T4F)	Tier 4 Final (T4F)	Tier 4 Final (T4F)	Tier 4 Interim (T4i)
Number of Cylinders/Displacement – cu In (L)	3/58 (0.95)	3/69 (1.1)	3/69 (1.1)	3/69 (1.1)	4/153 (2.5)
Power @ Rated Speed – bhp (kW) @ 1800 rpm	10.5 (7.8)	13.6 (10.1)	13.6 (10.1)	13.6 (10.1)	31 (22.8)
Cooling System	Water	Water	Water	Water	Water
DC System Voltage/Battery Capacity	12 V/520 CCA	12 V/600 CCA	12 V/600 CCA	12 V/600 CCA	12 V/1000 CCA
Fuel Type/Usuable Fuel Capacity – gal (L)	Diesel/27 (102)	Diesel/27 (102)	Diesel/27 (102)	Diesel/27 (102)	Diesel/ 27 (102) standard 50 (189) optional
Runtime with 4 lights – hr	52	52	52	52	70 standard 130 optional
GENERATOR					
Prime Power Rating, 60 Hz, 1.0 PF	4.5 kW	6 kW	6 kW	8 kW	20 kW
Available voltages – Single-Phase	120	120 / 240	120 / 240	120 / 240	120 / 240
RECEPTACLES (WITH INDIVIDUAL CIRCUIT BREAKER PROTECTION)					
120 V GFCI Duplex (NEMA 5-20R)	(1) 20 amp	(1) 20 amp	(1) 15 amp	(2) 15 amp	(2) 20 amp
240 V Twistlock (NEMA L6-30R)		(1) 25 amp	(1) 25 amp	(1) 30 amp	
120/240 V Twistlock (NEMA L14-30R)					(3) 30 amp
120/240 V Twistlock (CS6369)					(1) 50 amp
DIMENSIONS & WEIGHT					
Length with Drawbar – in (mm)	167.5 (4255)	175 (4445)	182 (4623)	182 (4623)	182 (4623)
Width with Fenders – in (mm)	53 (1346)	58 (1473)	79 (2007)	79 (2007)	79 (2007)
Track Width – in (mm)	41.5 (1054)	49 (1245)	64 (1626)	64 (1626)	64 (1626)
Height in Travel Position – in (mm)	68 (1727)	70.5 (1791)	89 (2260)	89 (2260)	89 (2260)
Max Tower Height – ft (m)	30 (9)	30 (9)	30 (9)	30 (9)	30 (9)
Shipping Weight – lb (kg)	1465 (665)	1735 (786)	1933 (877)	2010 (912)	2540 (1152) standard 2769 (1256) optional
Operating Weight – lb (kg)	1650 (748)	1938 (879)	2123 (963)	2242 (1017)	2710 (1229) standard 2939 (1333) optional

L20

Light and power in a single tower

The high output L20 is a light tower and 20 kW generator in one convenient package. Ideal for mining, oil and gas exploration, and other applications where an electrical power source isn't easy to come by, the L20 is equipped with four 1000-watt lamps. Light up the work site and have plenty of extra power for tools, heaters and more while reducing the need for an additional generator on the jobsite.

- Operator-friendly control & 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 brushless alternator maintains precise voltage control under varying load conditions

- Standard front panel protective coating guards against stones and debris kicked up by the towing vehicle
- Quick disconnect lamp assemblies can be stored inside the enclosure
- 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
- Optional 50-gallon fuel tank almost doubles the runtime over the standard tank

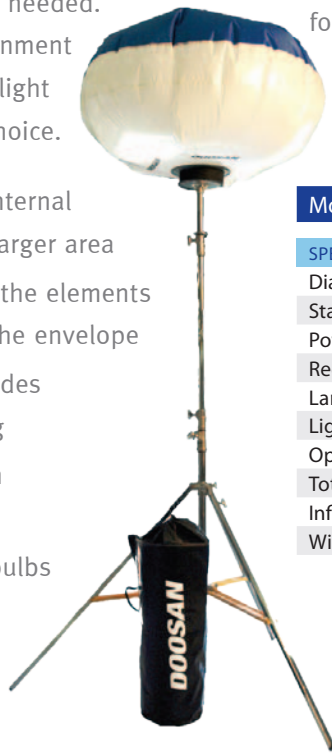


BL2000 balloon light

Precise illumination in a lightweight package

The BL2000 balloon light from Doosan Portable Power plugs into any three-prong, 120-volt, 20-amp outlet and provides 2,000 watts of quiet, glare-free light. The envelope automatically inflates and its tilting grip head accommodates various mounting devices that let you aim light directly where it is needed. For road paving, special events, entertainment and other applications where glare-free light is required, the BL2000 is the optimal choice.

- Three-section diffusion envelope and internal reflective dome combine to light up a larger area
- Polycarbonate shroud is impervious to the elements and protects lamps from contact with the envelope
- Suspension-mounted lamp holder provides extra protection against rough handling
- Automatic shutoff protects against high internal temperatures
- Uses two readily available 1,000-watt bulbs for easy replacement
- Durable carrying bag included



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

Model	BL2000
SPECIFICATIONS	
Diameter – In (m)	43.1 (1.1)
Standard Plug Type	3-prong
Power Draw – amps (V)	20 (110 – 130)
Recommended Power Supply – kW-V-A	2.5-120-20
Lamps – watts	2 x 1000
Lighted Area – sq ft (m ²)	15120 (1400)
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)

Experience Doosan Portable Power and our industry-leading support and service. Whatever the job, we have the solution. From our comprehensive range of air compressors, lighting systems and generators to our rugged and reliable light compaction equipment, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Doosan Portable Power partners with an experienced global dealer network to stand beside you every step of the way. Doosan Portable Power — more than 100 years of providing excellence.

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