

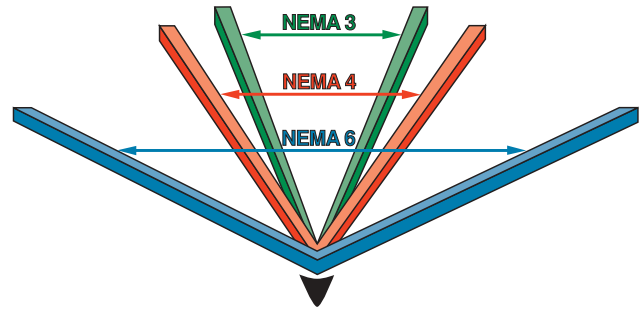


Portable Light Towers



Floodlights

- Four, 1000 watt metal-halide lamps
- NEMA 6 design for large area coverage
- Aluminum reflector housings
- Tempered impact resistant glass lenses
- Weather resistant, twist-lock connections for connecting floodlights



NEMA 6 floodlights produce a broader and longer light pattern.

Tower

- 3-section telescoping mast extends 12 to 30 feet
- Rotation range of 360 degrees with position lock
- Easy extension with dual, hand-operated winches with patented automatic safety brake
- Retracts and stows horizontally for travel.
 - Patented system ensures tower is locked into position to prevent telescoping during travel
- With the outriggers extended and all jacks down, these units can withstand winds up to 65 mph

Engine

- Dependable Kubota power
- Automatic protective shutdowns
 - High engine coolant temperature
 - Low engine oil pressure
- Two-stage, heavy-duty, dry type air cleaner
- Kubota-2 Years/2000 hours full warranty
- Kubota-3 Years/3000 hours parts only warranty





LightSource Control Panel



L8 Control Panel

Control Panel

- Control panel on the LightSource™ and L6 model is located inside the enclosure
- Illuminated, external control panel on the L8 with a lockable, hinged cover
- Standard Receptacles – LightSource™ and L6
 - (1) GFI protected, 120V, 20 amp duplex
 - (1) 240V, 25 amp
- Standard Receptacles – L8
 - (2) GFI protected, 120V, 20 amp duplex
 - (1) 240V, 30 amp
- Individual lamp switches
- Non-resettable hourmeter to track records for periodic maintenance
- Keyed ignition

Enclosure and Chassis

- Heavy-duty construction protects components from the environment
- Heavy-duty axle ensures these units will travel trouble-free, on and off your job site
- Road ready – towing lights and safety chains are standard
- Reflectors on all four sides of enclosure for safer night operation
- 30-gallon translucent, polyethylene fuel tank - at least 68 hours run time
- “Coolbox” design allows low inside temperature for longer component life
- Full-length side doors
 - Easy access for operation and service
 - Lockable to prevent theft and vandalism
 - Pneumatic gas lift springs on the L6 & L8
- Single point lifting bail and forklift slots
- Heavy-duty outriggers with preset position stops for easy set up
- Equipped with leveling indicator

L6 & L8 also include:

- Removable drawbar
- Protect your lamps from vandalism and weather with standard internal lamp storage

Additional Benefits

- Operator and product safety is insured through certification by an independent lab to meet internationally recognized safety code requirements for:
 - UL Safety Standards
 - CSA Safety Standards

Optional Features

- Lamps
 - High pressure sodium, 1000 watt
 - Perfect for foggy, dusty environments
 - Interchangeable with metal halide bulb
 - Tungsten halogen, 1000 (L6 only) and 1500 watt (L8 only)
- Electric winches with automatic safety stop
- Aluminum Glare Shield – Directs skyward light downward

L6 and L8

- Switched interior light for safety and improved vision at night
- Fuel gauge
- Fuel/water separator
- Electric or hydraulic brakes
- Super quiet package lowers decibel rating from 66.5 to 63 dBA at 7 meters
- Add two additional lamps to the L8 for more area coverage

LightSource™

- Low fuel shutdown with indicator light
- Combination hitch with 3 inch pintle eye and 2 inch ball hitch
- 50 Hz model available



DISASTER RELIEF



EMERGENCY RESPONSE



CONSTRUCTION



DRILLING/MINING



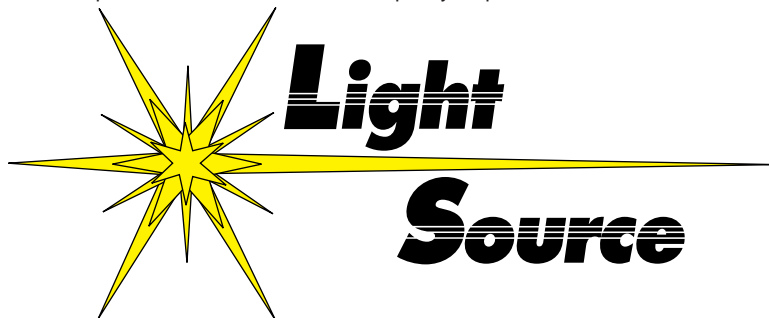
SPECIAL EVENTS

Specifications

Model	LightSource™	L6	L8
Make/Model	Kubota/D905BG	Kubota/D905BG	Kubota/D1105BG
Cooling	Water	Water	Water
BHP at Rated Speed	10.5	10.5	13.6
RPM	1800	1800	1800
Fuel	Diesel	Diesel	Diesel
Fuel Capacity (gal/L)	30/113	30/113	30/113
Run Time w/4 lights	68 hours	68 hours	68 hours
Generator			
Make	Leroy Somer	Leroy Somer	Leroy Somer
Output	6 kW	6 kW	8 kW
Frequency	60 Hz	60 Hz	60 Hz
Suitable for Lights	4 lights max.	4 lights max.	6 lights max. (4 standard)
Available Receptacles	Standard: (1) 120V, 20 amp (1) 240V, 25 amp	Standard: (1) 120V, 20 amp (1) 240V, 25 amp	Standard: (1) 120V, 20 amp (1) 240V, 30 amp
Dimensions			
Overall Length (in/cm)	172/437	182/462	182/462
Overall Width (in/cm)	57/145	79/201	79/201
Overall Height (in/cm) (Travel Position)	71/180	89/226	89/226
Standard Tower Height	30 ft/9 m	30 ft/9 m	30 ft/9 m
Shipping Weight (lb/kg)**	1758/799	2010/912	2010/912
Max. Axle Capability (lb/kg)	3500/1588	3500/1588	3500/1588
Tire Size	P185/80 R13	P185/80 R13	P185/80 R13

Specifications are subject to change without notice so that improvements can be effected as quickly as possible.

**Shipping weight includes all fluids except fuel.



Technical Information

IES Recommended Levels of Illumination*



Area	Footcandles
Airport	0.5 - 2
Explosives Handling	30
General Construction	10
Excavation	2
Haul Roads & Industrial Roadways	0.5 - 1
Industrial Yard / Material Handling	5
Loading & Unloading	20
Parking Areas	1 - 5
Piers	20
Railroad Yards, Switching	2
Quarries & Open Pit Mining	5
Sportsfield & Recreational	10 - 50

* Illumination Engineering Society

	Avg. Foot-Candles	Square Feet	Acres	Square Meters	Hectares
HPS	0.5	105,000	2.41	9,755	0.98
MH	0.5	82,000	1.88	7,618	0.76
TH	0.5	26,500	0.61	2,462	0.25

Lighting Capacity

Approximate area illuminated by one floodlight

Characteristics of Available Light Sources							
Light Source	Watts per Floodlight	Initial Lumens	Mean Lumens	Average Life (Hrs.)	Color	Advantages	Disadvantages
High Pressure Sodium (HPS)	1000	140,000	126,000 92%	24,000	Soft Orange	High lumen output; Low lumen depreciation glare, and total system cost; Fast restrike	Higher initial cost; Color rendition.
Metal Halide (MH)	1000	110,000	88,000 80%	12,000	Bright White	High lumen output; Good color rendition and overall lighting	Long restrike time; Medium lamp life.
Tungsten Halogen (TH)	1000	21,500	20,850 97%	2,000	Natural daylight white	Lowest initial cost; Instant on; No ballasts; Natural daylight color; Good light aiming	High surface temperature; Short lamp life; Low lumen output
	1500	35,800	34,730 97%	2,000			



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