

# BOSS

## Temporary Lighting & Power

### Rental Product Catalog



Industrial | Construction | Oilfield | Offshore | Marine

# About Boss Light Tower Rentals

BossLTR is the exclusive rental provider of Boss Manufactured Products. Our line-up of rental products includes stadium light towers, solar powered light towers, diesel gen-sets, LED rope lighting, general-purpose portable lighting along with supportive GFCI and electrical power accessory items. Boss is the only rental supplier that is professionally certified in temporary job-site electrical distribution and confined space entry lighting.

Boss has been serving the industrial and construction markets for over 20 years. We ship and service our rental products on client's job-site locations throughout the USA and Canada.

BossLTR is a "Specialized Single Source Rental Industry Provider"

Boss is the only equipment rental company that has 3rd party certification credentials to support their ability to supply, service, and repair explosion proof portable lighting and electrical job-site distribution. Boss has diverse working experiences that gives them the valuable on-site experience needed to make critical product recommendations for client's hazardous location work areas.

Boss continues to work hard and diligently to maintain its industry reputation as being the most knowledgeable and dependable source for temporary lighting and electrical power products and services. Our guarantee and unrelentless commitment to deliver the best products with a sense of urgency that's only matched by our professional enthusiasm.

The following product pages represent the complete assortment of portable lighting and power equipment used on industrial and construction sites throughout North America. This is BossLTR's introduction to our complete illustrated rental catalog.



## Rental Locations

- Baton Rouge, LA
- Corpus Christi, TX
- Sulphur, LA
- La Porte, TX

Delivered all throughout North America



Phone: 866-442-0260 Website: [bossltr.com](http://bossltr.com)





# Light Tower Products



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# 14' Portable LED Light Tower

Telescoping Tripod Portable Base | 120V Electric Floodlighting

- 4 x 100W LED Floodlights
- Super Bright Lighting
- IP65 Waterproof



## Model# TP4LED-14-100

- Operates Off 120 Volt Power Supply
- Lightweight, Portable, and Rapid Design Assembly for One-Person Setup
- Multidirectional LED Light Heads
- 44,000 Total Lumen Output
- Hand Crank Telescoping Winch
- Perfect for special events, sports practice, light construction, security, parking lots, backyard, recreation, and more

## Unit Specifications

LED Lights	Four 100-Watt LED
Luminosity	11,000lm per fixture 44,000lm total
Total Watts	400 Watts
Operating Voltage	120 Volts
Color Temperature	6000
Light Direction	Adjustable
Power Source	Electric
Cord Length	50 Foot
Operating Height	Max. 14ft Min. 6ft
Weight Per Light	3.3lbs
Total Tower Weight	74lbs







# 20' Portable LED Light Tower

Multifunctional Portable Base | 120V Electric Floodlighting

- 4 x 200W LED Floodlights
- 150' Light Projection
- IP65 Waterproof

## Model# SLT4LED-20-200

- Operates off 120 volt power supply
- Easy Mobility Light Handles Included With Skid Base
- 104,000 Lumen Output
- Perfect for industrial turnarounds, new construction, strip mining, continuous concrete pours, security, parking lots, highway/bypass construction, airports, runways, and sporting/special events.

### Unit Specifications

LED Lights	Four 200W LED Fixtures
Luminosity	26,000lm Per Fixture 104,000lm Total
Total Watts	800 Watts
Operating Voltage	120 Volts
Color Temperature	5700
Light Direction	Adjustable
Power Source	Electric
Operating Height	Max. 20ft Min. 6ft
Weight Per Light	14lbs
Total Tower Weight	250lbs



Rolling Cart



Quadpod With Plate

## Additional Mounting & Function Options Available



Skid

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# 20' Portable Solar LED Light Tower

Multifunctional Skid Mounted Portable Base

- 4 Light LED Solar Light Tower
- Lightweight
- IP65 Waterproof

## Model# SLT4LED-20-200SLR

- Solar Powered LED Lighting
- Easy Mobility Light Handles Included With Skid Base
- Motion & Radar Detection
- No Utility Power Required
- 80,000 Lumen Output



Rolling Cart



Quadpod With Plate

### Unit Specifications

LED Lights	Four 200W LED Fixtures
Luminosity	26,000lm Per Fixture 104,000lm Total
Total Watts	800 Watts
Operating Voltage	120 Volts
Color Temperature	5700
Light Direction	Adjustable
Power Source	Electric
Operating Height	Max. 20ft Min. 6ft
Weight Per Light	14lbs
Total Tower Weight	250lbs

## Additional Mounting & Function Options Available



Skid



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# 24' Portable LED Light Tower

Switchable Utility or Diesel Powered Option

- 280,000 Lumen Output
- 4 X 480W LED High Powered Lights



## Model# BTK64LED-24-480W

### Reduced Carbon Footprint

Boss offers a field switchable feature that will allow operators to switch from a Utility Power Source to an on-board Diesel gen-set power source for alternate emergency operating requirements.

### Utility Power Operations

Electrical system has a selector switch connected to a 50' power cord that can be plugged into a 125/250v utility source allowing full electrical function of tower.

### Diesel Gen-Set Backup Power

Our selector switch can be position so that the Diesel Gen-set will power the floodlights in case the Utility Power Source is not available for application.

### General Specifications

- Optional Auto Start/Stop Timers
- Utility or Diesel Powered
- Switchable Power Source
- Telescoping Hydraulic, Electric, or Manual Winch Options

Engine: Kubota Diesel - 1800 RPM  
 KW: 6,0 Prime - 120/240v, 60hz  
 Output Power: 50a @120v - 25a@ 240v

Sound Level: 68 dB@23 ft  
 60 gallon fuel cell - 194 hr Run Time  
 Full Load : 0.31 gal/hr,

### Tower Spec:

**Tower Height** 24'  
**Tower Rotation** 360 Degrees  
**Winch System** Hydraulic, Electric, or Manual  
**Boom System** TGalvanized

### Floodlight Spec:

**LED Fixtures** 4 X 480 Watts  
**Light Projection** 500' x 500'  
**Luminosity** 70,000lm Per Fixture  
 280,000lm Total  
**Average FC** 10 Foot Candles

### Trailer Spec:

**Foot Print** 129' x 111'  
**Travel Height** 93'  
**Total Weight** 1,965lbs Wet  
**Tongue Weight** 80lbs





# 24' Portable Metal Halide Light Tower

## Vertical Design & Largest Light Output

- 440,000 Lumen Output
- 360 Degree Rotating Tower
- Lightweight

## Model# BTK64MH

### Unit Specifications

Physical	129x111in (327x281cm), LxW
Deployed footprint	Max. 24½ft (7.5m)
Operating height	Min. 7¼ft (2.4m)
	93in (237cm)
	Operating 1965lb (891kg)
Travel Height	Shipping 1580lb (717kg)
Weight	Dry 80lb (36kg)
Tongue Weight	Four 1000-watt MH fixtures
Metal Halide Lights	110,000lm per lamp
Luminosity**	440,000lm total

### Power System

Engine	Kubota® or Mitsubishi®
Engine speed	Tier 4 Final diesel, 3-cylinder,
Generator type	4-cycle 1800rpm @60 Hz or
Battery	1500rpm @ 50 Hz*
	Brushless, Grade H
Max power output	Maintenance-free AGM,
Displacement	12Vdc, 550CCA
Sound level	13.1 or 15.4 hp (9.8 or 11.5kW)*
Fuel tank capacity	61.08 or 68.53in3 (1001 or
Fuel consumption	1123cm3)* 68dB @ 23ft (7m) at
	max. load 60gal (227L)
	0.49gal/hr (1.86L/h)
Runtime before refueling	Approx. 123 hrs

### Output System

Output	6kW or 8kW*
Voltage	120Vac or 240Vac*
Amperage	50 A@ 120V, 25 A@ 240V
Frequency	60 Hz or 50 Hz*
Voltage regulation	±6%, no load to full load



- Construction Site Best
- 360 Degree Rotating Tower
- Optional Auto Start/Stop Timers
- 440,000 Lumen Output
- 123 Hour Running Time
- Smallest Footprint

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# 25' Skid Mounted Hazardous Light Tower

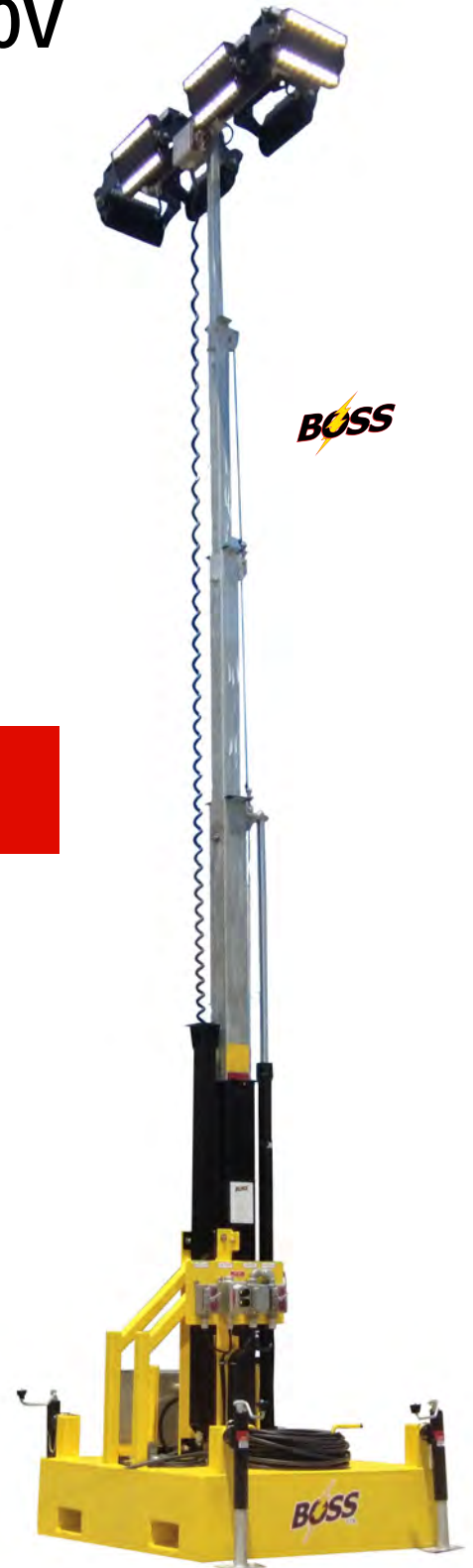
LEADERS IN THE PORTABLE LIGHT TOWER INDUSTRY

## Model# BSK6LED-25-290W-120V

- Hazardous Locations Classifications and Ratings

Class I, Division 2 Groups A, B, C, D  
Class I, Zone 2 Group IIC  
Class II, Division 2 Groups F & G  
UL 1598 Suitable for Wet Locations  
UL1598A Marine Outside Type Saltwater  
IP67, IP69K, CE, ABS

- Operates Off 15 Amp 120 Volt Power Supply.
- Perfect for industrial turnarounds, new construction, refineries, petrochemical, steel mills, grain silos, sugar mills, offshore, and other hazardous location rated facilities.



## 25' Hazardous Rated Light Tower

### Brief Specifications

#### Floodlighting

Lamp Type	LED	Total Watts	1,740
Height	25 Foot	Total Lumens	168,000
Op. Voltage	120-277v, 50-60Hz	Light Projection	200 Feet
# Fixtures	6	Total Area	5 Acres
Lamp	290w	Total Amps	15

#### Telescoping Tower

Height	25 Foot
Operation Method	Hydraulic Telescoping
Total Operating Weight	15001bs
Wind Speed Loads	45 Miles Per Hour
Skid Mount Foot Print	4' x 4', Four Stabilizing Jacks, Fork Lift Pockets

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# Solar Powered Hybrid Light Towers & Generators

Reduced Carbon Footprint, Fuel Costs, and Labor

- Complete Off-Grid Power/Lighting
- 198,000 Total Lumens
- 2-3 Acres



## Mobile Solar Generator With Light Towers

**Model# BSLR8LED-HYB-26-160W**

**Brief Specifications**

Lighting:	198,000 total lumens from two banks of high-efficiency LED high mast tower lights, area lighting for 2-3 acres
Light Support:	Two 26'6" retractable towers, individual lamps are fully adjustable
Light Control:	7 day programmable timer for each light tower
AC Connections:	120VAC@ 20A GFCI / 240VAC @ 50A (CS 6963 outlet requires CS 965C plug)
Solar Generation:	2,650 watts
Storage Batteries:	GNB Industrial flooded lead acid
Energy Storage:	48 kWh total/ 24 kWh available
Auxiliary Generator:	10 kVA Kubota GL 11000 with 130 gallon fuel cell
Security:	All controls in locking cabinets
Trailer:	See next page

The Boss Lighting Hybrid Mobile Solar Generator with Light Towers offers a comprehensive off-grid power and lighting solution. Its mobility, high capacity, and rapid setup render it ideal for remote construction sites, events, and emergency scenarios. The hybrid tower and generators can function solely as a solar power generator with the added flexibility of a diesel generator backup, providing versatility for various operational needs.







# Hybrid Mobile Solar Generator with Light Towers

## Mobility, High Capacity, and Quick Setup

### Trailer Specifications

#### Transport Dimensions

Width: 8'2"  
 Length: 23'7"  
 Height: 9'4"  
 Trailer GVWR: 9,995 LBS  
 Trailer Hitch: 2-5/16"  
 Ball or Pintle Ring

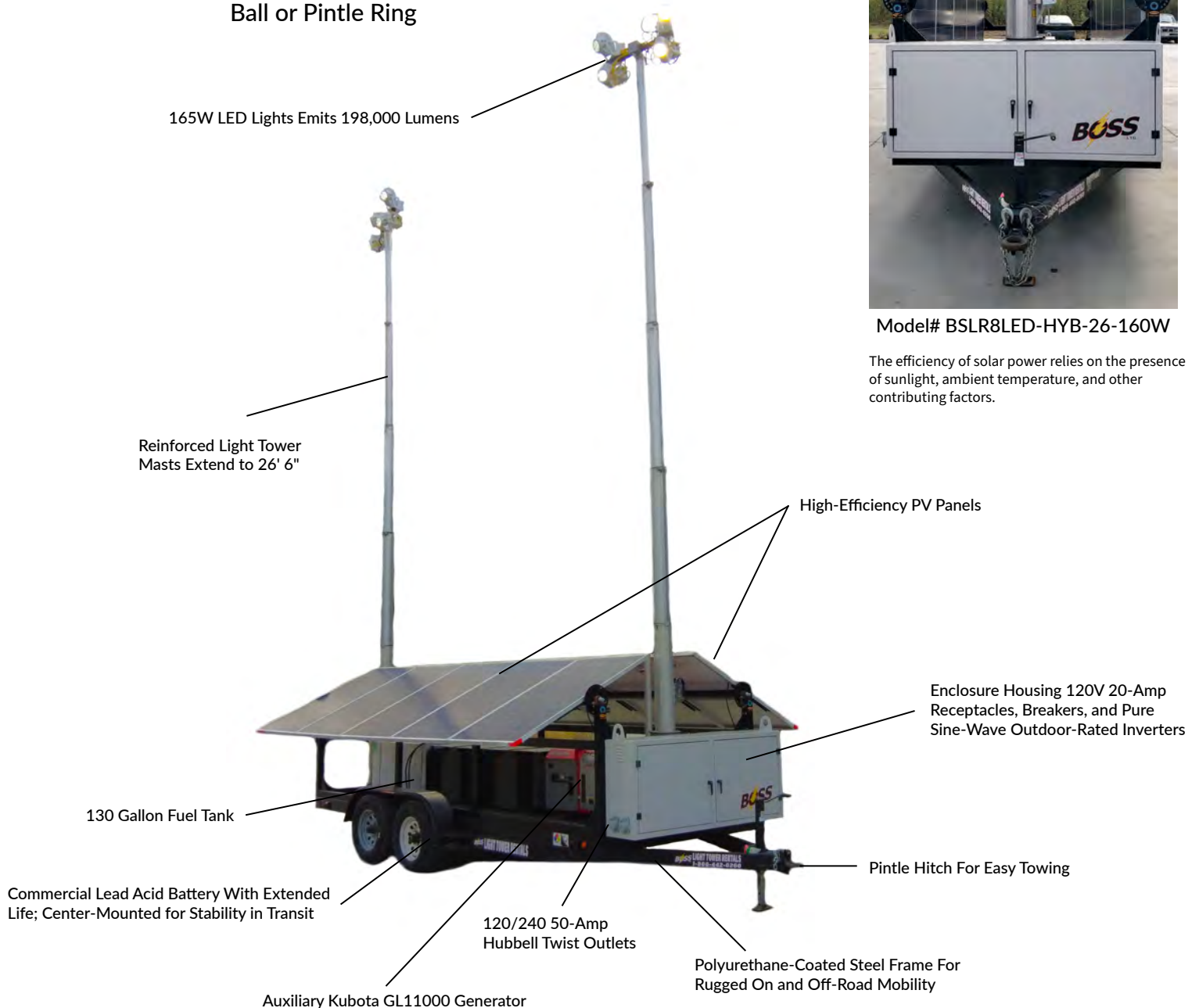
#### Deployed Dimensions

Width: 11'11"  
 Length: 23'7"  
 Extended Tower Height: 26'6"



Model# BSLR8LED-HYB-26-160W

The efficiency of solar power relies on the presence of sunlight, ambient temperature, and other contributing factors.





# 30' Skid Mounted Light Tower

LEADERS IN THE PORTABLE LIGHT TOWER INDUSTRY

## Model# BSK6LED-30-300W-120V

- Operates Off 15 Amp 120 Volt Power Supply.
- Perfect for industrial turnarounds, new construction, strip mining, continuous concrete pours, security, parking lots, highway/bypass construction, airports, runways, and sporting/special events.
- Optional feed thru panel capability. Single power source to run multiple units.



## 30' Skid Mounted Light Tower

### Brief Specifications

#### Floodlighting

Lamp Type	LED	Total Watts	1,800
Height	30 Foot	Total Lumens	252,000
Op. Voltage	120v	Light Projection	200 Feet
# Fixtures	6	Total Area	5 Acres
Lamp	300w	Total Amps	15

#### Telescoping Tower

Height	30 Foot
Operation Method	Manual Telescoping Hand-Crank
Total Operating Weight	1500lbs
Wind Speed Loads	65 Miles Per Hour
Skid Mount Foot Print	4' x 4', Four Stabilizing Jacks, Fork Lift Pockets
Optional Feature	Electric Push-Button Telescoping

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# 40' Portable Mini Stadium Light Tower

• 560,000 Lumen Output • 15 Acres at 750' Light Projection

## Model# BMUX8LED-40-480W

### Brief Specifications

- **8 x 480 Watt LED** floodlights mounted on a 40' telescoping tower as shown in the photo on the left. Light fixtures can be rotated up to 360 degrees. These floodlights are protected with a high impact resistant glass lens and are weatherproof rated.
- **Light Performance:** Total lumen output per unit is 560,000 lumens. Fixtures can be adusted in any direction horizontal or vertical.

- **Tower:** 1500lb electronic winch telescoping tower with safety features included to prevent operator error while in use. High wind speed monitor will lower the tower at wind loads of 45mph.
- **Generator:** This 40' light tower comes equipped with a 14kva, 120/240 Volt, 1ph, 60hz generator. This gen-set is equipped with safety shutdown features. Auto start and stop feature is optional upon request.







# 40' Portable Mini Stadium Light Tower

## LEADERS IN THE PORTABLE LIGHT TOWER INDUSTRY



### Model# BMUX8LED-40-480W

Electric or Diesel Powered

### Brief Specifications

#### Floodlighting

Lamp Type	LED
Height	40 Foot
Op. Voltage	120/240v-1ph
# Fixtures	8
Lamp	480w
Total Watts	3,840
Total Lumens	560,000
Delivered Lumens	480,000
Light Projection	750 Feet
Total Area	15 Acres

#### Diesel Gen-Set

Engine	Kubota Diesel
# Cylinders	3
Speed	1800 RPM
Fuel Capacity	34.3 Gallons
Fuel Consumption	1.37 Gallons Per Hour
Run Time	25 Hours
Generator	14kVA Kwiet Power
Wattage	14kW
Voltage	120V/240V
Phase	1PH
Sound Level	60 Decibels

#### Telescoping Tower

Height	40 Foot
Operation Method	Electric Push-Button
Tower Safety Features	4 Way Limit Switch System Current Limit Winch Override Protection Protective Cages Eliminate Cable Pinch Points
Optional Features	Wind Monitor Auto-Lowers Tower In High Winds Auto Start & Stop Timers Available



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# 60' LED Portable Stadium Light Tower

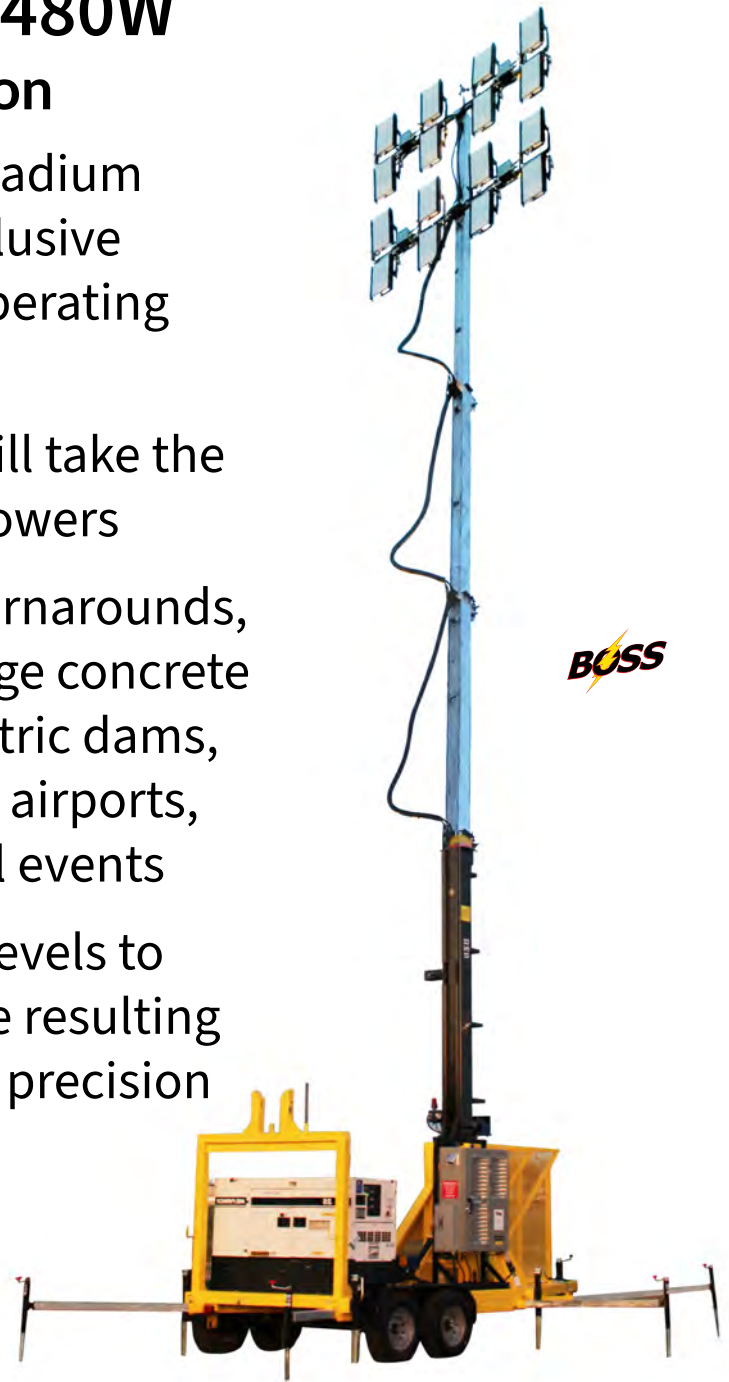
• 1500 Ft Projection • 1,120,000 Lumen Output • 60 Acres

High-Intensity, Telescoping Light Tower With Safety Features - Patented - U.S. Patent 10,393,324

## Model# BUX16LED-60-480W

### Large Project Site Illumination

- Boss is the original portable stadium light tower producer with exclusive patented telescoping tower operating safety features
- One 60' stadium light tower will take the place of 10 commercial light towers
- Perfect for use on industrial turnarounds, new construction projects, large concrete pours, strip mining, hydroelectric dams, highway/bypass construction, airports, runways, and sporting/special events
- Increases SAFE working light levels to heighten operators confidence resulting in individual tasks performing precision
- Optional 180° push-button rotating light mast at ground level and auto start/stop timers





# 60' LED Portable Stadium Light Tower

## LEADERS IN THE PORTABLE LIGHT TOWER INDUSTRY



### Model# BUX16LED-60-480W Brief Specifications

**Electric or Diesel Powered**

#### Floodlighting

Lamp Type	LED
Height	60 Foot
Op. Voltage	120/240v-1ph
# Fixtures	16
Lamp	480w
Total Watts	7,680
Total Lumens	1,120,000
Light Projection	1,500 Feet
Total Area	60 Acres
Wind Load Rating	60mph

#### Diesel Gen-Set

Engine	Isuzu Diesel, Water
# Cylinders	Cooled 4
Speed	1800 RPM
Fuel Capacity	41.7 Gallons
Fuel Consumption	1.25 Gallons Per Hour
Run Time	30 Hours
Generator	25kVA Multiquip
Wattage	20kW
Voltage	208Y/120V
Phase	3PH/1PH
Sound Level	65 Decibels

#### Telescoping Tower

Height	60 Foot
Operation Method	Electric Push-Button
Tower Safety Features	Limit Switch Electric Lock Out Prevents Operator Error Beacon Light Illuminates When Tower Is In Motion Protective Cages Eliminate Cable Pinch Points
Safety Lockout Features	Wind Monitor Auto-Lowers Tower In High Winds
Optional Features	@45mph 180 Degree Rotating Light Head Auto Start & Stop Timers Available



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**LEADERS IN THE PORTABLE LIGHT TOWER INDUSTRY**  
Rotating Light Tower Assembly - Patented - U.S. Patent 10,557,279



# Optional: 180° Rotating Tower

- Rotate tower lights at ground level
- Save time, labor, and costs
- Increase your lighting footprint
- Optional feature available on all Portable Stadium Light Towers



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# 80' LED Portable Stadium Light Tower

• 2000 Ft Projection • 1,120,000 Lumen Output • 80 Acres

High-Intensity, Telescoping Light Tower With Safety Features - Patented - U.S. Patent 10,393,324

## Model# BUX16LED-80-480W

### Large Project Site Illumination

- Boss is the original portable stadium light tower producer with exclusive patented telescoping tower operating safety features
- One 80' stadium light tower will take the place of 15 commercial light towers
- Perfect for use on industrial turnarounds, new construction projects, large concrete pours, strip mining, hydroelectric dams, highway/bypass construction, airports, runways, and sporting/special events
- Increases SAFE working light levels to heighten operators confidence resulting in individual tasks performing precision
- Optional 180° push-button rotating light mast at ground level and auto start/stop timers





# 80' LED Portable Stadium Light Tower

## LEADERS IN THE PORTABLE LIGHT TOWER INDUSTRY



### Model# BUX16LED-80-480W Brief Specifications

**Electric or Diesel Powered**

#### Floodlighting

Lamp Type	LED
Height	80 Foot
Op. Voltage	120/240v-1ph
# Fixtures	16
Lamp	480w
Total Watts	7,680
Total Lumens	1,120,000
Light Projection	2,000 Feet
Total Area	80 Acres
Wind Load Rating	60mph

#### Diesel Gen-Set

Engine	Isuzu Diesel, Water Cooled 4
# Cylinders	4
Speed	1800 RPM
Fuel Capacity	41.7 Gallons
Fuel Consumption	1.25 Gallons Per Hour
Run Time	30 Hours
Generator	25kVA Multiquip
Wattage	20kW
Voltage	208Y/120V
Phase	3PH/1PH
Sound Level	65 Decibels

#### Telescoping Tower

Height	80 Foot
Operation Method	Electric Push-Button
Tower Safety Features	Limit Switch Electric Lock Out Prevents Operator Error Beacon Light Illuminates When Tower Is In Motion Protective Cages Eliminate Cable Pinch Points
Safety Lockout Features	Wind Monitor Auto-Lowers Tower In High Winds @45mph
Optional Features	180 Degree Rotating Light Head Auto Start & Stop Timers Available



**Scan for Video**







# 100' LED Portable Stadium Light Tower

• 2500 Ft Projection • 1,120,000 Lumen Output • 100 Acres

High-Intensity, Telescoping Light Tower With Safety Features - Patented - U.S. Patent 10,393,324

## Model# BUX16LED-100-480W

### Large Project Site Illumination

- Boss is the original portable stadium light tower producer with exclusive patented telescoping tower operating safety features
- One 100' stadium light tower will take the place of 20 commercial light towers
- Perfect for use on industrial turnarounds, new construction projects, large concrete pours, strip mining, hydroelectric dams, highway/bypass construction, airports, runways, and sporting/special events
- Increases SAFE working light levels to heighten operators confidence resulting in individual tasks performing precision
- Optional 180° push-button rotating light mast at ground level and auto start/stop timers





# 100' LED Portable Stadium Light Tower

## LEADERS IN THE PORTABLE LIGHT TOWER INDUSTRY



### Model# BUX16LED-100-480W Brief Specifications

**Electric or Diesel Powered**

#### Floodlighting

Lamp Type	LED
Height	100 Foot
Op. Voltage	120/240v-1ph
# Fixtures	16
Lamp	480w
Total Watts	7,680
Total Lumens	1,120,000
Light Projection	2,500 Feet
Total Area	100 Acres
Wind Load Rating	60mph

#### Diesel Gen-Set

Engine	Isuzu Diesel, Water Cooled 4
# Cylinders	4
Speed	1800 RPM
Fuel Capacity	41.7 Gallons
Fuel Consumption	1.25 Gallons Per Hour
Run Time	30 Hours
Generator	25kVA Multiquip
Wattage	20kW
Voltage	208Y/120V
Phase	3PH/1PH
Sound Level	65 Decibels

#### Telescoping Tower

Height	100 Foot
Operation Method	Electric Push-Button
Tower Safety Features	Limit Switch Electric Lock Out Prevents Operator Error Beacon Light Illuminates When Tower Is In Motion Protective Cages Eliminate Cable Pinch Points
Safety Lockout Features	Wind Monitor Auto-Lowers Tower In High Winds @45mph
Optional Features	180 Degree Rotating Light Head Auto Start & Stop Timers Available



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# 16 - 480W LED Electric Cage Stadium Lights

## Electric Powered Cage Floodlighting

- High Quality Light
- Tough, Designed To Last
- 1,120,000 Lumen Output

### Model# ELEC-16L-LED-480W

#### Brief Specifications

Lamp Type	LED
# Fixtures	16
Lamp	480W
Total Watts	7,680
Total Lumens	1,120,000
Operating Voltage	120-240V/1ph
Light Projection	1500 Feet
Total Area	60 Acres
Dimensions	9' T x 10' W x 4' D
Total Weight	1,150lbs



- Includes forklift skid pockets, four corner eyelets, and ground terminal.

#### Universal Applications

Electric powered stadium cage lights are used within tight areas of processing facilities. Designed to be clamped within battery structures, cat walks or assembled scaffold platforms. Cage lights are available in both LED or Metal Halide options. Electric cage lights are available with light configuration options of 2, 4, 8, and 16 lamp head options. Multiple voltage options available.







# 16 - 1000W Electric Cage Stadium Lights

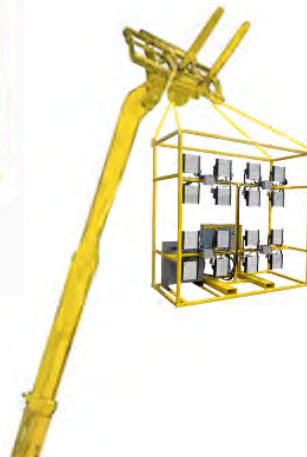
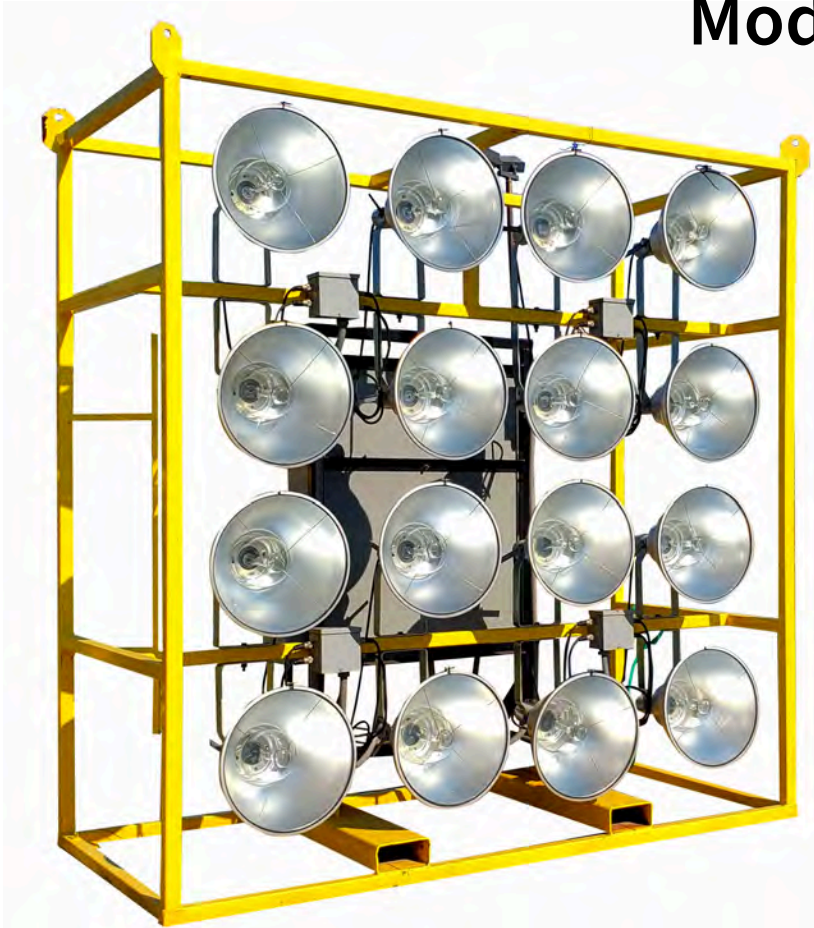
## Electric Powered Cage Floodlighting

- High Quality Light
- Tough, Designed To Last
- 1,760,000 Lumen Output

### Model# ELEC-16L-1000W

#### Brief Specifications

Lamp Type	Metal Halide
# Fixtures	16
Lamp	1000W
Total Watts	16,000
Total Lumens	1,760,000
Operating Voltage	480V/3ph
Light Projection	1500 Feet
Total Area	60 Acres
Dimensions	9' T x 10' W x 4' D
Total Weight	1,150lbs



- Includes forklift skid pockets, four corner eyelets, and ground terminal.

### Universal Applications

Electric powered stadium cage lights are used within tight areas of processing facilities. Designed to be clamped within battery structures, cat walks or assembled scaffold platforms. Cage lights are available in both LED or Metal Halide options. Electric cage lights are available with light configuration options of 2, 4, 8, and 16 lamp head options. Multiple voltage options available.





# 8 - 480W LED Electric Cage Stadium Lights

## Electric Powered Cage Floodlighting

- High Quality Light
- Tough, Designed To Last
- 560,000 Lumen Output

### Model# ELEC-8L-480W

#### Brief Specifications

Lamp Type	LED
# Fixtures	8
Lamp	480W
Total Watts	3,840
Total Lumens	560,000
Operating Voltage	120-240V/1ph
Light Projection	750 Feet
Total Area	15 Acres
Dimensions	55" T x 84" W x 42" D
Total Weight	550lbs



- Includes forklift skid pockets, four corner eyelets, and ground terminal.
- Available in Metal Halide.



### Universal Applications

Electric powered stadium cage lights are used within tight areas of processing facilities. Designed to be clamped within battery structures, cat walks or assembled scaffold platforms. Cage lights are available in both LED or Metal Halide options. Electric cage lights are available with light configuration options of 2, 4, 8, and 16 lamp head options. Multiple voltage options available.





# 2 / 4 LED Electric Cage Stadium Lights

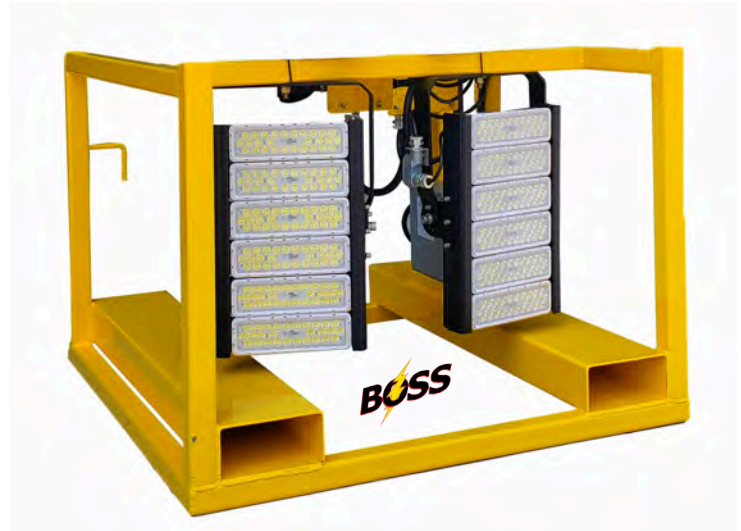
## Electric Powered Cage Floodlighting

- High Quality Light • Tough, Designed To Last • 70,000 Lumens Per Fixture

### Model# ELEC-2L-480W

#### Brief Specifications

Lamp Type	LED
# Fixtures	2
Lamp	480W
Total Watts	960
Total Lumens	140,000
Operating Voltage	120-240V/1ph
Light Projection	250 Feet
Total Area	2 Acres
Dimensions	28" T x 43" W x 43" D
Total Weight	225lbs



### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, and other General Areas.



### Model# ELEC-4L-480W

#### Brief Specifications

Lamp Type	LED
# Fixtures	4
Lamp	480W
Total Watts	1,920
Total Lumens	280,000
Operating Voltage	120-240V/1ph
Light Projection	500' x 500'
Total Area	5 Acres
Dimensions	55" T x 43" W x 43" D
Total Weight	450lbs







# Diesel Generators & Accessories

Phone: 866-442-0260 Website: [bossltr.com](http://bossltr.com)



# 7kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent
- Lightweight Design
- 9.5 Gallon Fuel Capacity

## Model# DGK7F Ultra-Quiet Features

- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxillary fans.
- The enclosure features heavygauge door panels with specially-engineered, soundabsorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.



## Diesel Engine

Make, model and type	Kubota Z482
Emission certification	US EPA Tier 4 Final
Design features	Indirect Injection, Naturally Aspirated
Displacement	29.23 cu. in. (.479 L)
Continuous rated output	11.3 hp (8.4 kW) @ 3600 rpm
Starting system	Electric 12V DC
Internal fuel capacity	9.5 gallons (36.4L)
Fuel consumption, full load	.68 gal./hr (2.6L/hr)
Fuel consumption, 3/4 load	.55 gal./hr (2.1L/hr)
Fuel consumption, 1/2 load	.47 gal./hr (1.8L/hr)
Fuel consumption, 1/4 load	.36 gal./hr (1.4L/hr)
Total coolant capacity	1.04 gallons (4.0L)
Total oil capacity / oil class	.68 gal. (2.6L)

## Generator

Generator Type	Revolving Field Brushless AC
Continuous output, 1 phase	6.5 kW
Standby output	7.2 kW
Amps, 1 phase, 120V	54A
Amps, 1 phase, 240V	27A
Rated Frequency - Regulation	60Hz + 0.25%
Rated speed, 60Hz	3600 rpm
Sound level, no load at 23 feet	62 dB(A)
Sound level, full load at 23 feet	64 dB(A)

## Physical Characteristics

Dimensions (L x W x H)	42.7" x 25.0" x 34.9" (1095 x 640 x 895mm)
Unit dry weight	744 lbs (335kg)
Unit wet weight	811 lbs (367kg)

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# 14kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent
- Switchable Voltage
- 34 Gallon Fuel Capacity

## Model# DGK14 Ultra-Quiet Features

- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxillary fans.
- The enclosure features heavygauge door panels with specially-engineered, soundabsorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.



## Diesel Engine

Make, model and type	Kubota D1503, 3 cylinder
Emission certification	US EPA Tier 4 Final
Design features	Indirect Injection
Displacement	91 cu. in. (1.499 L)
Continuous rated output	19.5 hp @ 1800 rpm
Starting system	Electric 12V DC
Internal fuel capacity	34.3 gallons (130L)
Fuel consumption, full load	1.37 gal./hr (5.2 L/hr)
Fuel consumption, 3/4 load	1.00 gal./hr (3.8 L/hr)
Fuel consumption, 1/2 load	0.71 gal./hr (2.7 L/hr)
Fuel consumption, 1/4 load	0.50 gal./hr (1.9 L/hr)
Total coolant capacity	2.3 gal. (8.8 L)
Total oil capacity / oil class	1.9 gal. (7.3 L)

## Generator

Generator Type	Revolving Field Brushless AC
Continuous output, 60Hz, 3 phase	Single Phase
Continuous output, 1 phase	14 kW (14 kVA)
Standby output, 3 phase	Single Phase 14.7 kW (14.7 kVA)
Voltage, 3 phase (switchable)	N/A
Voltage, 1 phase (switchable)	120, 240
Amps, 1 phase, 120V	58.3A x 2
Amps, 1 phase, 240V	58.3A
Amps, 3 phase, 240V	N/A
Amps, 3 phase, 480V	N/A
Rated Frequency - Regulation	60Hz + 0.25%
Rated speed, 60Hz	1800 rpm
Sound level, no load at 23 feet	58 dB(A)
Sound level, full load at 23 feet	60 dB(A)

## Physical Characteristics

Dimensions (L x W x H)	55" x 28" x 47" (1390 x 704 x 1204 mm)
Unit dry weight	1378 lbs (625 kg)
Unit wet weight	1619 lbs (734kg)

## Optional Accessories

- Trailer
- Block Heater
- Battery Charger
- Auto-start/stop
- Cam-Loks

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# 15kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent
- Lightweight Design
- 9.6 Gallon Fuel Capacity

## Model# DGK15 Ultra-Quiet Features

- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxillary fans.
- The enclosure features heavygauge door panels with specially-engineered, soundabsorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.



## Diesel Engine

<b>Make, model and type</b>	Kubota D902, 3 cylinder
<b>Emission certification</b>	US EPA Tier 4 Final
<b>Design features</b>	Indirect Injection
<b>Displacement</b>	54.8 cu. in. (0.898 L)
<b>Continuous rated output</b>	20.7 hp @ 3600 rpm
<b>Starting system</b>	Electric 12V DC
<b>Internal fuel capacity</b>	9.62 gallons (36.4L)
<b>Fuel consumption, full load</b>	1.24 gal./hr (4.7L/hr)
<b>Fuel consumption, 3/4 load</b>	1.03 gal./hr (3.9L/hr)
<b>Fuel consumption, 1/2 load</b>	0.85 gal./hr (3.2L/hr)
<b>Fuel consumption, 1/4 load</b>	0.66 gal./hr (2.5L/hr)
<b>Total coolant capacity</b>	1.06 gallons (4L)
<b>Total oil capacity / oil class</b>	0.95 gal. (3.6L)

## Generator

<b>Generator Type</b>	Revolving Field Brushless AC
<b>Continuous output, 60Hz, 3 phase</b>	12kW (15kVA)
<b>Continuous output, 1 phase</b>	12kW (12kVA)
<b>Standby output, 3 phase</b>	13.2kW (16.5kVA)
<b>Voltage, 3 phase</b>	240
<b>Voltage, 1 phase</b>	120, 240
<b>Amps, 1 phase, 120V</b>	50.0A x 2 (zig-zag-w)
<b>Amps, 1 phase, 240V</b>	50.0A (zig-zag-w)
<b>Amps, 3 phase, 240V</b>	36.1A
<b>Amps, 3 phase, 480V</b>	N/A
<b>Rated Frequency - Regulation</b>	60Hz + 0.25%
<b>Rated speed, 60Hz</b>	3600 rpm
<b>Sound level, no load at 23 feet</b>	65 dB(A)
<b>Sound level, full load at 23 feet</b>	67 dB(A)

## Physical Characteristics

<b>Dimensions (L x W x H)</b>	51.6" x 25.2" x 35.2" (1310 x 640 x 895mm)
<b>Unit dry weight</b>	926 lbs (420kg)
<b>Unit wet weight</b>	994 lbs (450kg)

## Optional Accessories

- Trailer
- Block Heater
- Battery Charger
- Auto-start/stop
- Cam-Loks

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# 25kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent
- Switchable Voltage
- 51 Gallon Fuel Capacity

## Model# DGK25 Ultra-Quiet Features

- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxiliary fans.
- The enclosure features heavygauge door panels with specially-engineered, soundabsorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.



## Diesel Engine

<b>Make, model and type</b>	Isuzu 4LE2T, 4 cylinder
<b>Emission certification</b>	US EPA Tier 4 Final
<b>Design features</b>	Direct Injection, Turbocharged
<b>Displacement</b>	133 cu. in. (2.179 L)
<b>Continuous rated output</b>	33 hp @ 1800 rpm
<b>Starting system</b>	Electric 12V DC
<b>Internal fuel capacity</b>	51.5 gallons (195L)
<b>Fuel consumption, full load</b>	1.6 gal./hr (6.1L/hr)
<b>Fuel consumption, 3/4 load</b>	1.2 gal./hr (4.64L/hr)
<b>Fuel consumption, 1/2 load</b>	0.9 gal./hr (3.6L/hr)
<b>Fuel consumption, 1/4 load</b>	0.7 gal./hr (2.5L/hr)
<b>Total coolant capacity</b>	2.6 gallons (10L)
<b>Total oil capacity / oil class</b>	3.0 gal. (11.5L)

## Generator

<b>Generator Type</b>	Revolving Field Brushless AC
<b>Continuous output, 60Hz, 3 phase</b>	20kW (25kVA)
<b>Continuous output, 1 phase</b>	15kW (15kVA) [7.5kW(7.5kVA)]
<b>Standby output, 3 phase</b>	22kW (27.5kVA)
<b>Voltage, 3 phase (switchable)</b>	240 [480V]
<b>Voltage, 1 phase (switchable)</b>	120, 139, 240 [277V]
<b>Amps, 1 phase, 120V</b>	62.5A x 2 [31.3A] (zig-zag-w)
<b>Amps, 1 phase, 240V</b>	62.5A [31.3A] (zig-zag-w)
<b>Amps, 3 phase, 240V</b>	60A
<b>Amps, 3 phase, 480V</b>	30A
<b>Rated Frequency - Regulation</b>	60Hz + 0.25%
<b>Rated speed, 60Hz</b>	1800 rpm
<b>Sound level, no load at 23 feet</b>	59 dB(A)
<b>Sound level, full load at 23 feet</b>	62 dB(A)

## Physical Characteristics

<b>Dimensions (L x W x H)</b>	63" x 33" x 55" (1603 x 850 x 1400mm)
<b>Unit dry weight</b>	1929 lbs (875kg)
<b>Unit wet weight</b>	2291 lbs (1039kg)

## Optional Accessories

- Trailer
- Block Heater
- Battery Charger
- Auto-start/stop
- Cam-Loks

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# 45kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent
- Switchable Voltage
- 79 Gallon Fuel Capacity

## Model# DGK45 Ultra-Quiet Features

- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxillary fans.
- The enclosure features heavygauge door panels with specially-engineered, soundabsorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.



## Diesel Engine

Make, model and type	Isuzu 4LE2X, 4 cylinder
Emission certification	US EPA Tier 4 Final
Design features	Direct Inj, Turbocharged, Inc
Displacement	133 cu. in. (2.179 L)
Continuous rated output	59 hp @ 1800 rpm
Starting system	Electric 12V DC
Internal fuel capacity	79 gallons (300L)
Fuel consumption, full load	2.8 gal./hr (10.7L/hr)
Fuel consumption, 3/4 load	2.1 gal./hr (8.2L/hr)
Fuel consumption, 1/2 load	1.5 gal./hr (5.9L/hr)
Fuel consumption, 1/4 load	0.9 gal./hr (3.8L/hr)
Total coolant capacity	2.9 gallons (11L)
Total oil capacity / oil class	3.0 gal. (11.5L)

## Generator

Generator Type	Revolving Field Brushless AC
Continuous output, 60Hz, 3 phase	36kW (45kVA)
Continuous output, 1 phase	27kW (27kVA) [13.5kW(13.5kVA)]
Standby output, 3 phase	40kW (50kVA)
Voltage, 3 phase (switchable)	240 [480V]
Voltage, 1 phase (switchable)	120, 139, 240 [277V]
Amps, 1 phase, 120V	112A x 2 [56A] (zig-zag-w)
Amps, 1 phase, 240V	112A [56A] (zig-zag-w)
Amps, 3 phase, 240V	108A
Amps, 3 phase, 480V	54A
Rated Frequency - Regulation	60Hz + 0.25%
Rated speed, 60Hz	1800 rpm
Sound level, no load at 23 feet	63 dB(A)
Sound level, full load at 23 feet	66 dB(A)

## Physical Characteristics

Dimensions (L x W x H)	83" x 37" x 61" (2100 x 950 x 1550mm)
Unit dry weight	2634 lbs (1195kg)
Unit wet weight	3195 lbs (1449kg)

## Optional Accessories

- Trailer
- Block Heater
- Battery Charger
- Auto-start/stop
- Cam-Loks

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# 70kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent • Switchable Voltage • 105 Gallon Fuel Capacity

## Model# DGK70 Ultra-Quiet Features

- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxillary fans.
- The enclosure features heavygauge door panels with specially-engineered, soundabsorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.



## Diesel Engine

<b>Make, model and type</b>	Isuzu 4JJ1X 4 cylinder
<b>Emission certification</b>	US EPA Tier 4 Final
<b>Design features</b>	Direct Inj, Turbocharged, Intercooler, DOC and SCR
<b>Displacement</b>	183.0 cu. in. (2.999 L)
<b>Continuous rated output</b>	95.2 hp (71.0kW) @ 1800 rpm (60Hz)
<b>Starting system</b>	Electric 12V DC
<b>Internal fuel capacity</b>	105 gallons (400L)
<b>Fuel consumption, full load</b>	4.4 gal./hr (16.6L/hr)
<b>Fuel consumption, 3/4 load</b>	3.4 gal./hr (13.1L/hr)
<b>Fuel consumption, 1/2 load</b>	2.5 gal./hr (9.5L/hr)
<b>Fuel consumption, 1/4 load</b>	1.8 gal./hr (6.4L/hr)
<b>Total coolant capacity</b>	3.7 gallons (14.0L)
<b>Total oil capacity / oil class</b>	4.0 gal. (15.0L)
<b>DEF tank capacity</b>	7.4 gal. (28.0L)

## Generator

<b>Generator Type</b>	Revolving Field Brushless AC
<b>Continuous output, 60Hz, 3 phase</b>	56kW (70kVA)
<b>Continuous output, 1 phase</b>	42kW [21kW]
<b>Standby output, 3 phase</b>	61.6kW (77kVA)
<b>Voltage, 3 phase (switchable)</b>	240 [480V]
<b>Voltage, 1 phase (switchable)</b>	120V, 139, 240 [277V]
<b>Amps, 1 phase, 120V</b>	175A x 2 [87.5A x 2] (zig-zag-w)
<b>Amps, 1 phase, 240V</b>	175A [87.5A] (zig-zag-w)
<b>Amps, 3 phase, 240V</b>	168A
<b>Amps, 3 phase, 480V</b>	84A
<b>Rated Frequency - Regulation</b>	60Hz + 0.25%
<b>Rated speed, 60Hz</b>	1800 rpm
<b>Sound level, no load at 23 feet</b>	61 dB(A)
<b>Sound level, full load at 23 feet</b>	62 dB(A)

## Physical Characteristics

<b>Dimensions (L x W x H)</b>	102" x 37.5" x 69" (2590 x 951 x 1751mm)
<b>Unit dry weight</b>	3898 lbs (1754kg)
<b>Unit wet weight</b>	4643 lbs (2106kg)

## Optional Accessories

- Trailer
- Block Heater
- Battery Charger
- Auto-start/stop
- Cam-Loks

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# 125kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent
- Switchable Voltage
- 171 Gallon Fuel Capacity

## Model# DGK125 Ultra-Quiet Features

- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxillary fans.
- The enclosure features heavygauge door panels with specially-engineered, soundabsorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.



## Diesel Engine

Make, model and type	ISUZU 4HK1X
Emission certification	US EPA Tier4 Final
Design features	Direct injection, Turbocharged, DOC, SCR
Displacement	316 cu.in. (5,193L)
Continuous rated output	152.3hp (113.6kW) @1800rpm (60Hz)
Starting system	Electric 12V DC
Internal fuel capacity	171.7gal (650L)
Fuel consumption, full load	7.1gal/hr (26.9L/hr)
Fuel consumption, 3/4 load	5.5gal/hr (20.7L/hr)
Fuel consumption, 1/2 load	3.9gal/hr (14.7L/hr)
Fuel consumption, 1/4 load	2.1gal/hr (9.1L/hr)
Total coolant capacity	8.2gal (31L)
Total oil capacity / oil class	6.2gal (23.5L)
DEF tank capacity	7.4gal x 2 (28L x 2)

## Generator

Generator type	Revolving Field Brushless AC
Continuous output, 3 phase	100kW (125kVA)
Continuous output, 1 phase	75kW
Standby output, 3 phase	137.5kW
Voltage, 3 phase (switchable)	208V, 240V, 480V
Voltage, 1 phase (switchable)	120V, 240V
Amps, 3 phase, 208V	347A
Amps, 3 phase, 240V	301A
Amps, 3 phase, 480V	150A
Amps, 1 phase, 120V	313A x 2 (156A x 2, 480V)
Amps, 1 phase, 240V	313A (156A, 480V)
Rated Frequency-Regulation	60Hz ±0.15%
Rated speed, 60Hz	60Hz 1800 rpm
Sound level, no load at 23 feet	65 db
Sound level, full load at 23 feet	66 db

## Physical Characteristics

Dimensions (L x W x H)	120" x 48.8" x 59.1" (3050 x 1240 x 1500mm)
Unit dry weight	6592 lbs (2990kg)
Unit wet weight	7806 lbs (3540kg)

## Optional Accessories

- Trailer
- Block Heater
- Battery Charger
- Auto-start/stop
- Cam-Loks

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# Temporary Power Distribution



Phone: 866-442-0260    Website: [bossltr.com](http://bossltr.com)





# 25kVA Light Tower Distribution Substation

## Certified UL1640 Temporary Power Distribution

- 4 X 200W LED Floodlights
- Special Design & Assembly

### Model # TDS25-10C-480V

#### 25kVA Power Substation Specifications

- 25' Power Cord w/open end wire -hard connection.
- 60 amp Main Fused Disconnect /45a - 600v Fuses.
- Load side of Disconnect connected through tubing to the line side 480v, 1ph to Encapsulated WP.
- 25kva Transformer, 480v to 120/240v, 1ph, 4 wire.
- Secondary of Transformer is connected to line side.
- 125a Load Center with Main Breaker, 1ph,N,Grd.
- Installed 10 X 20A, 1P, Circuit Breakers.
- Load Center mounted within a Nema 4 enclosure.
- 5 x 20a Duplexes mounted down each side of box.
- 10 x 20amp Duplex GFCI (UL-WR MARKED) 5-20R.
- 10 x II In-use II required receptacle covers.



### Model # PPL4LED-20-200

#### Light Tower Design Specifications

<b>LED Lights</b>	Four 200-Watt LED
<b>Luminosity</b>	Fixtures 26,000lm per fixture
<b>Total Watts</b>	104,000lm total
<b>Operating Voltage</b>	800 Watts
<b>Color Temperature</b>	120 Volts
<b>Light Direction</b>	5700
<b>Power Source</b>	Adjustable
<b>Operating Height</b>	Electric
	Max. 20ft, Min. 6ft

Perfect for use on industrial turnarounds, new construction projects, large concrete pours, strip mining, hydroelectric dams, highway/bypass construction, airports, runways, and sporting/special events





# 10kVA GFCI Distribution Substation

Certified UL1640 Temporary Power Distribution

- Cart or Skid Mounted
- Lightweight & Durable
- Portable



**Cart or Skid**



## Model # TDS10

### 10kVA Power Substation Specifications

- 100' Power Cord w/open end wire-hard connection.
- 30 amp Main Fused Disconnect / 35a - 600v Fuses.
- Load side of Disconnect connected through tubing to the line side 480v, 1ph encapsulated WP.
- 10kva Transformer, 480v to 120/240v, 1ph, 4 wire.
- Secondary of Transformer is connected to line side.
- 125a Load Center with Main Breaker, 1ph,N,Grd.
- Installed 5 X 20A, 1P, and 1 X 30A, 2P breakers.
- Load Center mounted within a Nema 4 enclosure.
- Duplexes mounted down each side of box.
- 5 x 20amp Duplex GFCI (UL-WR MARKED) 5-20R.
- 6 x II In-use II required receptacle covers.
- 1 x 30a, 120/240v Receptacle.
- Dimensions: T40" X W32" X D36".
- Weight: 1101bs.

## Universal Applications

This specific design is for use on all hard surface areas: Asphalt, Concrete, Shell-Rock. Trade Task usage that would include: Electrical, Carpentry, Pipefitter, Valve Assemble, Outside Tank & Vessel Work Areas, and Inside Plant Battery Units.





# 15kVA GFCI Distribution Substation

Certified UL1640 Temporary Power Distribution

- Cart or Skid Mounted
- Lightweight & Durable
- Portable



**Cart or Skid**

## Model # TDS15

### 15kVA Power Substation Specifications

- 100' Power Cord w/open end wire-hard connection.
- 30 amp Main Fused Disconnect / 35a - 600v Fuses.
- Load side of Disconnect connected through tubing to the line side 480v, 1ph encapsulated WP.
- 15kva Transformer, 480v to 120/240v, 1ph, 4 wire.
- Secondary of Transformer is connected to line side.
- 125a Load Center with Main Breaker, 1ph,N,Grd.
- Installed 5 X 20A, 1P, and 1 X 30A, 2P breakers.
- Load Center mounted within a Nema 4 enclosure.
- Duplexs mounted down each side of box.
- 5 x 20amp Duplex GFCI (UL-WR MARKED) 5-20R.
- 6 x II In-use II required receptacle covers.
- 1 x 30a, 120/240v Receptacle.
- Dimensions: T40" X W32" X D36".
- Weight: 1251bs.

## Universal Applications

This specific design is for use on all hard surface areas: Asphalt, Concrete, Shell-Rock. Trade Task usage that would include: Electrical, Carpentry, Pipefitter, Valve Assemble, Outside Tank & Vessel Work Areas, and Inside Plant Battery Units.







# 25kVA GFCI Distribution Substation

Certified UL1640 Temporary Power Distribution

- Cart or Skid Mounted
- Lightweight & Durable
- Portable



**BOSS**

## Model # TDS25

### 25kVA Power Substation Specifications

- 25' Power Cord w/open end wire -hard connection.
- 60 amp Main Fused Disconnect /45a - 600v Fuses.
- Load side of Disconnect connected through tubing to the line side 480v, 1ph to Encapsulated WP.
- 25kva Transformer, 480v to 120/240v, 1ph, 4 wire.
- Secondary of Transformer is connected to line side.
- 125a Load Center with Main Breaker, 1ph,N,Grd.
- Installed 10 X 20A, 1P, Circuit Breakers.
- Load Center mounted within a Nema 4 enclosure.
- 5 x 20a Duplexs mounted down each side of box.
- 10 x 20amp Duplex GFCI (UL-WR MARKED) 5-20R.
- 10 x II In-use II required receptacle covers
- Dimensions: T 48" X W48" X D48"
- Weight: 375lbs



## Universal Applications

This specific design is for use on all hard surface areas: Asphalt, Concrete, Shell-Rock. Trade Task usage that would include: Electrical, Carpentry, Pipefitter, Valve Assemble, Outside Tank & Vessel Work Areas, and Inside Plant Battery Units.





# 50kVA GFCI Distribution Substation

Certified UL1640 Temporary Power Distribution

- Cart or Skid Mounted
- Lightweight & Durable
- Portable



**BOSS**



**BOSS**

## Model # TDS50

### 50kVA Power Substation Specifications

- 100' Power Cord w/open end wire-hard connection.
- 30 amp Main Fused Disconnect / 35a - 600v Fuses.
- Load side of Disconnect connected through tubing to the line side 480v, 1ph encapsulated WP.
- 50kva Transformer, 480v to 120/240v, 1ph, 4 wire.
- Secondary of Transformer is connected to line side.
- 125a Load Center with Main Breaker, 1ph,N,Grd.
- Installed 5 X 20A, 1P, and 1 X 30A, 2P breakers.
- Load Center mounted within a Nema 4 enclosure.
- Duplexs mounted down each side of box.
- 5 x 20amp Duplex GFCI (UL-WR MARKED) 5-20R.
- 6 x II In-use II required receptacle covers.
- 1 x 30a, 120/240v Receptacle.
- Dimensions: T 48" X W482" X D48".
- Weight: 400lbs.

## Universal Applications

This specific design is for use on all hard surface areas: Asphalt, Concrete, Shell-Rock. Trade Task usage that would include: Electrical, Carpentry, Pipefitter, Valve Assemble, Outside Tank & Vessel Work Areas, and Inside Plant Battery Units.





# Portable Splitter Panels

480V & 208Y/120V - Square D & E Distribution Panels

- Special Power & Distribution Assembler
- Square D I-Line Reconized OEM
- NEMA Rated



## Model # SP400-4C-480V

### Amp Sizes

- 100 Amp MLO
- 200 Amp MLO
- 400 Amp MLO
- 600 Amp MLO
- 1200 Amp MLO

### Mounting

- Cart Mount
- Skid Mount
- Caster Mount
- Forklift Base Mount
- Trailer Mount

### Ratings

- NEMA 4/12 - Water/Dust Tight
- NEMA 4X - Stainless Steel
- NEMA4 - Fiber/Plastic
- NEMA 3R - Metal/Plastic
- NEMA 1- Metal



### Line Voltages

- 480 V-3p/4w-3P
- 208y/120 V-4p/5w-3P
- 120/240 V-3p/4w-1P

### Custom Applications

All temporary job-site electrical distribution splitters are UL1640 certified. Boss builds each splitter product to our clients specific job-site requirements and only uses components approved by UL.







# Welding Machine Substations

480V & 208Y/120V - Square D & E Distribution Panels

- Special Power & Distribution Assembler
- Square D I-Line Reconized OEM
- NEMA Rated



## Model # WS800-8C-480V

- 800a Main Breaker
- 8 x 100a-480V 3p/4w Receptacles P/S
- 15kVA Transformer 480V to 120V
- 125a - 120/240V 1ph Load Center
- 7 x 20a, 120V GFCI Duplex Receptacle
- 1 x 50a, 125/250V, Spider Box Receptacle
- NEMA 4 Enclosure - Cage Protected
- Forklift Pockets With Eyelets



## Model # WS600-6C-480V

- 600a Main Breaker
- 8 x 60a-480V 3p/4w Receptacles P/S
- 15kVA Transformer 480V to 120V
- 125a - 120/240V 1ph Load Center
- 7 x 20a, 120V GFCI Duplex Receptacle
- 1 x 50a, 125/250V, Spider Box Receptacle
- NEMA 4 Enclosure - Cage Protected
- Forklift Pockets With Eyelets

## Custom Applications

All temporary job-site welding machine panels are UL1640 certified. Boss builds each splitter product to our clients specific job-site requirements and only uses components approved by UL.







# Explosion Proof Lighting



Phone: 866-442-0260    Website: [bossltr.com](http://bossltr.com)





# 39W LED Explosion Proof Light

## 120 Volt LED Floodlighting

- UL-844 For Hazardous Locations • NEMA 4X • Rated For Wet Locations



\* Shown on pipe clamp mount  
#PC-AL



## Model # FS39LED-EXP-120V

- Class I, Division I, Groups C and D
- Class I, Division II, Groups A, B, C and D
- Class II, Division I & II, Groups F, and G
- Class III, Division I & II

### Light Specifications

Voltage	120V
Watts	39
Total Lumens	2,540
Cord Length	50'
Operating Temperature	-20°C to +40°C
CCT - Light Color	5400-5600k
Weight	25lbs
Dimensions	H 11.1" , W 9.5" , L 12.1"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, and other Hazardous Dust Location facilities.

## Additional Mounting & Function Options Available



Floor Stand  
#FS-AL



Spider Magnet  
#SMB-AL



Quadpod  
#QP8-AL



Spring Mount  
#VRSM-AL



Cart Mount  
#CM-AL



Scaffold Clamp  
#SC-AL







# 48W LED Explosion Proof Light

## 12V or 120 Volt LED Floodlighting

- OSHA Compliant Tank Light
- Certified For Painting Applications
- IP68 Rated



### Model # FS48LED-EXP-120V

- Class I, Division I, Groups B, C and D - T4A
- Class I, Division II, Groups A, B, C and D - T4A/TS
- Class II, Division I & II, Group E, F, and G

### Light Specifications

Voltage	12V - 120V Optional
Watts	48
Total Lumens	7,200
Cord Length	50'
Operating Temperature	-55°C to +60°C
CCT - Light Color	5000k
Weight	31lbs
Dimensions	H 4.7" , W 6.65" , L 12"

\* Shown on scaffold clamp #SC-AL

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, and other Hazardous Dust Location facilities.

## Additional Mounting & Function Options Available



Floor Stand  
#FS-AL



Spider Magnet  
#SMB-AL



Quadpod  
#QP8-AL



Pipe Clamp  
#PC4-AL



Cart Mount  
#CM-AL



Magnet Mount  
#MM-AL

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# 52W LED Explosion Proof Light

## 120 Volt LED Floodlighting

- NEMA 4X
- UL-844 For Hazardous Locations
- IP66
- UL 1598/A

\* Shown on floor stand #FS-AL



## Model# FS52LED-EXP-120V

- Class I, Division I, Groups C, D
- Class I, Zone I, Group 11B
- Class II, Division I, Groups E, F, G

### Light Specifications

Voltage	120V
Watts	52
Total Lumens	7,000
Cord Length	100'
Operating Temperature	-40°C to +65 °C
CCT - Light Color	5000k
Weight	15lbs
Dimensions	H 10" , W 6" , L 11"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, and other Hazardous Dust Location facilities.

## Additional Mounting & Function Options Available



Pipe Clamp  
#PC-AL



Spider Magnet  
#SMB-AL



Quadpod  
#QP8-AL



Cart Mount  
#CM-AL



Scaffold Clamp  
#SC-AL

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# Hazardous Locations Ratings

## Classes

The classes define the general nature of hazardous material in the surrounding atmosphere.

CLASS	HAZARDOUS MATERIAL IN SURROUNDING ATMOSPHERE
Class I	Hazardous because flammable gases or vapors are present in the air in quantities sufficient to produce explosive or ignitable mixtures.
Class II	Hazardous because combustible or conductive dusts are present.
Class III	Hazardous because ignitable fibers or flying's are present, but not likely to be in suspension in sufficient quantities to produce ignitable mixtures. Typical wood chips, cotton, flax and nylon. Group classifications are not applied to this class.

## Divisions

The division defines the probability of hazardous material being present in an ignitable concentration in the surrounding atmosphere.

DIVISION	PRESENCE OF HAZARDOUS MATERIAL
Division I	The substance referred to by class is present during normal conditions.
Division II	The substance referred to by class is present only in abnormal conditions, such as a container failure or system breakdown.

## Groups

The group defines the hazardous material in the surrounding atmosphere.

GROUPS	HAZARDOUS MATERIAL IN SURROUNDING ATMOSPHERE
Group A	Acetylene
Group B	Hydrogen, fuel and combustible process gases containing more than 30% hydrogen by volume or gases of equivalent hazard such as butadiene, ethylene, oxide, propylene oxide and acrolein.
Group C	Carbon monoxide, ether, hydrogen sulfide, morphline, cyclopropane, ethyl and ethylene or gases of equivalent hazard.
Group D	Gasoline, acetone, ammonia, benzene, butane, cyclopropane, ethanol, hexane, methanol, methane, vinyl chloride, natural gas, naphtha, propane or gases of equivalent hazard.
Group E	Combustible metal dusts, including aluminum, magnesium and their commercial alloys or other combustible dusts whose particle size, abrasiveness and conductivity present similar hazards in connection with electrical equipment.
Group F	Carbonaceous dusts, carbon black, coal black, charcoal, coal or coke dusts that have more than 8% total entrapped volatiles or dusts that have been sensitized by other material so they present an explosion hazard.
Group G	Flour dust, grain dust, flour, starch, sugar, wood, plastic and chemicals.

Fixed and portable fixtures for installation and use in hazardous (classified) locations Class I, Divisions 1 and 2, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; Class II, Division 2, Groups F and G; and Class III, Divisions 1 and 2, in accordance with the National Electrical Code, NFPA 70







# 75W LED Explosion Proof Light

## 12V or 120 Volt LED Floodlighting

- OSHA Compliant Tank Light
- Certified For Painting Applications
- IP68 Rated



\* Shown on cart mount #CM-AL



## Model # FS75LED-EXP-120V

- Class I, Division I, Groups B, C and D - T4A
- Class I, Division II, Groups A, B, C and D - T4A/TS
- Class II, Division I & II, Group E, F, and G

### Light Specifications

Voltage	12V - 120V Optional
Watts	75
Total Lumens	11,250
Cord Length	50'
Operating Temperature	-55°C to +60°C
CCT - Light Color	5000k
Weight	51lbs
Dimensions	H 4.7" , W 6.65" , L 22"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, and other Hazardous Dust Location facilities.

## Additional Mounting & Function Options Available



Floor Stand  
#FS-AL



Spider Magnet  
#SMB-AL



Quadpod  
#QP8-AL



Pipe Clamp  
#PC4-AL

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# 88W LED Explosion Proof Light

## 120 Volt LED Floodlighting

- NEMA 4X
- UL-844 For Hazardous Locations
- IP66
- UL 1598/A

### Model# FS88LED-EXP-120V

- Class I, Division I, Groups C, D
- Class II, Division I, Groups E, F, G

### Light Specifications

Voltage	120V
Watts	88
Total Lumens	9,500
Cord Length	100'
Operating Temperature	-40°C to +65 °C
CCT - Light Color	5000k
Weight	46lbs
Dimensions	H 16" , W 3" , L 16"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, and other Hazardous Dust Location facilities.



\* Shown on quadpod mount #QP8-AL

## Additional Mounting & Function Options Available



Pipe Clamp #PC-AL



Spider Magnet #SMB-AL



Floor Stand #FS-AL



Cart Mount #CM-AL



Scaffold Clamp #SC-AL





# 120W LED Hazardous Area Light

## 120 Volt LED Floodlighting

- Intelligent Battery Backup • NEMA 4X • IP66 • Rated For Wet Locations

### Model # FS120D2-LED-120V



\* Shown on magnet mount #MM-AL

- Class I, Division II, Groups A, B, C, D
- Class II, Divisions I & II, Groups E, F, G
- Class III, Divisions I & II
- Zone 2 & Zone 21
- Exec op is I IC TS/T4 Ge
- Ex op is TB IIIC T95 °C Db

### Light Specifications

Voltage	120V
Watts	120
Total Lumens	15,140
Cord Length	100'
Operating Temperature	-50°C to +65°C
CCT - Light Color	5000k
Weight	25lbs
Dimensions	H 14.2" , W 6.8" , L 18.6"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, and other Hazardous Dust Location facilities.

### Additional Mounting & Function Options Available



Floor Stand #FS-AL



Spider Magnet #SMB-AL



Quadpod #QP8-AL



Pipe Clamp #PC4-AL



Cart Mount #CM-AL



Scaffold Clamp #SC-AL

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# 165W LED Explosion Proof Light

## 120 Volt LED Floodlighting

- UL-844 For Hazardous Locations • Class I, Div I • Rated For Wet Locations

### Model # FS165LED-EXP-120V



\* Shown on spider magnet mount #SMB-AL

- Class I, Division I, Groups C and D
- UL 844 Hazardous Locations
- UL 1598 Suitable for Wet Locations
- IP66 Rated

### Light Specifications

Voltage	120V
Watts	165
Total Lumens	23,500
Cord Length	50'
Operating Temperature	-40°C to +50°C
CCT - Light Color	5000k
Weight	44lbs
Dimensions	H 17.5" , W 14.1" , L 7"

### Universal Applications

Refineries, Petrochemical, LNG Carriers, Power Plants, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, Mining, Food and Beverage Facilities, Treatment Plants, and more.

## Additional Mounting & Function Options Available



Floor Stand  
#FS-AL



Magnet Mount  
#MM-AL



Quadpod  
#QP8-AL



Pipe Clamp  
#CM-AL



Cart Mount  
#CM-AL



Scaffold Clamp  
#SC-AL





# I-Link Explosion Proof Portable Task Light

## 12V LED Class 1 Div 1 Hazardous Location Light

- Class I Div I
- Suitable For Wet Locations
- IP68
- Lightweight Design

### Model # IL18FL-EXP-12V

- Class I, Division I, Groups B,C,D,E,F,G
- IP68 Suitable for Wet Locations
- Up to three 3 light systems can be daisy chained from one power source.
- Meets compliance with OSHA requirements for portable lighting in wet or conductive locations.

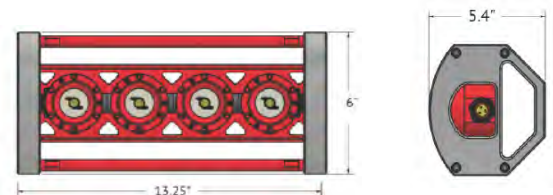


### Light Specifications

Voltage	12V
Watts	18
Total Lumens	2,880
Lumens Per Watt	160
Cord Length	100' Power Cord
Operating Temp	-58° F to 140° F
CCT - Light Color	5000k
Fixture Weight	7.5lbs
Total Weight	25lbs
Dimensions	H 6", W 13.25" , D 5.4"

### Features and Dimensions

- Patented Cooling Technology
- 90,000 Lifetime Hours
- Crisp High Color Bright Lighting
- Environmentally Safe Lighting
- Battery Backup in Power Supply
- Significant Energy and Savings Cost



### Hazardous Location Applications



Several Mounting Options Available

Storage Tanks, Grain Silos, Work Boats, Marine Loading Docks, Petrochemical Facilities, Lubrication Pits, Oil Drilling Rigs, Water Treatment Areas and Processing Plants. This portable task light is ideal for illuminating enclosed areas, tanks, and hazardous locations where flammable gases, vapors, liquids, and dusts may be present.





# I-Link Explosion Proof String Lights

## 12V LED Class 1 Div 1 Linkable String Light System

- Class I Div I
- Suitable For Wet Locations
- IP66
- Lightweight Design



### Model # IL10EXP-12V

- Class I, Division I, Groups B, C, & D
- IP66 Suitable for Wet Locations
- Meets compliance with OSHA requirements for portable lighting in wet or conductive locations in confined spaces (1926.405(a)(2)(ii)(G)).

### Light Specifications

Voltage	12V
Watts (Each)	6.5
Total Watts	65
Lumens (Each)	734 Per Lamp
Total Lumens	7,340
Cord Length	100' Power Cord
Operating Temp	-58° F to 140° F
CCT - Light Color	5000k
Weight	25lbs - Total System
Dimensions	H 2.6" , W 3.4" , D 2.4"
12' Spacing	Custom Spacing Available

**5 and 10 Light Options Available**



### Universal Applications

The portable hazardous location proof lighting kit is specifically designed for illuminating confined spaces where flammable gases, vapors, liquids and dusts may be present. 12V AC string light stands out from other hazardous location lighting by combining the efficiency and performance of LED technology with robust design and construction. Lighting system includes an emergency backup battery

## Additional Mounting & Function Options Available



Single Hook



Handle Hook



Magnetic



5 Light Option - Model # IL10EXP-12V

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# Explosion Proof Hand Lamps & String Lights 12V or 120V LED Lighting Systems

- NEMA 4X
- Explosion Proof Rated
- Class I, Division I
- Heavy Duty



Model # E30DW-50-120V LED



Model # HEP100DW-12V LED



Model # HEP50S-12V  
Sealbeam w/E31 - Shuttle Spotlight



MAGNET  
MOUNT



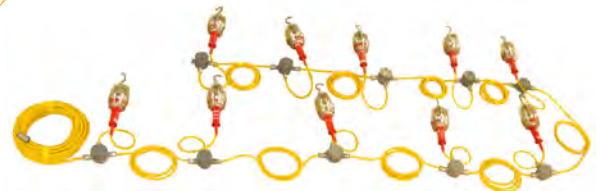
#SL-3EXP



#SL-5EXP



#SL-8EXP



#SL-10EXP

## Light Specifications

- Class I, Division I, Groups C and D
- Class I, Division 2, Groups F and G

Voltage	12V/120V
Watts	9 Watt LED
Total Lumens	1,650
Light Projection	10 Foot Radius
Cord Length	50'-150'
Operating Temp	-40° F to +40° F
Weight	16-26lbs

## Universal Applications

Refineries, Petrochemical, Grain Silos, Sugar Mills, Tanks & Vessels, and Offshore Marine.

## Explosion Proof String Light Systems





# **Intrinsically Safe Lighting**



Phone: 866-442-0260    Website: [bossltr.com](http://bossltr.com)



# I-Link Intrinsically Portable Battery Light

## 12V LED Class 1 Div 1 Hazardous Location Light

- Suitable For Wet Locations
- Class I Div I
- Battery 10 Hour Runtime

### Model # IL-IS6.SEXP-12V

- Class I, Division I, Groups B, C, & D
- Fully enclosed battery with 10 hours runtime.
- Intrinsically Safe voltage light fixture and battery powered source.
- Meets compliance with OSHA requirements for portable lighting in wet or conductive locations in confined spaces.



### Light Specifications

Voltage	12V
Watts	6.5
Lumens	734
Lumens Per Watt	113
Cord Length	3' / 12' / 80'
Operating Temp	-58° F to 140° F
CCT - Light Color	5000k
Fixture Weight	1lbs
Total Weight	4lbs
Light Dimensions	H 2.82", W 2.93"
Battery Dimensions	H 4.35", W 3.4"

### Additional Mounting Options



Single Hook   Handle Hook   Magnetic

### Hazardous Location Applications Include

Storage Tanks, Grain Silos, Work Boats, Marine Loading Docks, Petrochemical Facilities, Lubrication Pits, Oil Drilling Rigs, Water Treatment Areas and Processing Plants. This portable task light is ideal for illuminating enclosed areas, tanks, and hazardous locations where flammable gases, vapors, liquids, and dusts may be present.







# Intrinsically Safe Lighting

## Battery Operated Headlamps & Flashlights

- Safety Certified - Class I, Division I
- Battery Operated
- LED Lighting

### Model # HL33-LED

#### Brief Specifications

Voltage	4.5V
Lumens	33
Battery Size	AAA
Battery Quantity	3
Light Modes	High / Low / Flashing
Weight	3.3oz
Length	2.25"



### Model # FL33-LED

#### Brief Specifications

Voltage	3V
Lumens	115
Battery Size	AA
Battery Quantity	2
Light Modes	High
Weight	4.6oz
Length	6.22"



## Intrinsically Safe Lights Compared To Explosion Proof Lights

### Defining Intrinsically Safe Lighting

Designed to eliminate the chance of creating an electrical spark by limiting the energy, electrical and thermal, available for ignition. The low voltage and components prevent short circuits and overcharging. Intrinsically safe lights are not explosion proof but don't yield the amount of energy to create an ignition source.

### Defining Explosion Proof Lighting

Designed to contain any explosion originating within the housing and prevent sparks within the housing from igniting vapors, gases, dust or fibers in the air surrounding it. The material used to construct these lights is a non-sparking alloy. These are heavy duty lights with a high lumen output. Safety measures includes short circuit protection, cord protection, and a metal lens guard.





# General Purpose Floodlighting



Phone: 866-442-0260    Website: [bossltr.com](http://bossltr.com)





# 12 Volt LED Rope Lighting

Radius Lighting | Available In 50' - 100' - 150'

- Suitable For Indoor/Outdoor Use
- Lightweight, Flexible, & Durable



## Model # RL50-12V Light Specifications

Voltage	12V
Watts	.90 Watt Per Foot
LED Cord Length	50'
LED Bulbs Per Ft	12
Light Color	Cool White
Operating Temperature	-40°C to +40° C
Weight	8lbs
LED Spacing	1"
Life Hours	100,000



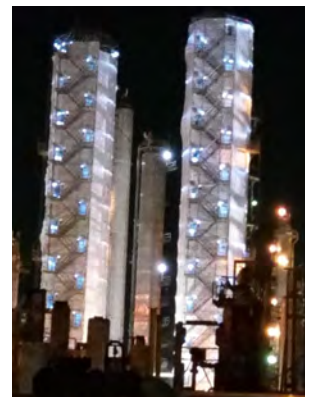
Model

RL50-12V

RL100-12V

RL150-12V

SPECIFICATIONS	50' ROPE LIGHT	100' ROPE LIGHT	150' ROPE LIGHT
Voltage	12V	12V	12V
Watts	.90 Watt Per Foot	.90 Watt Per Foot	.90 Watt Per Foot
LED Cord Length	50'	100'	150'
LED Bulbs Per Ft	12	12	12
Light Color	Cool White	Cool White	Cool White
Operating Temperature	-40°C to +40° C	-40°C to +40° C	-40°C to +40° C
Weight	8lbs	12lbs	16lbs
LED Spacing	1"	1"	1"
Life Hours	100,000	100,000	100,000



**LED Rope Lights  
On The Jobsite**



Metal Wall Eye Magnet #WEM

## Universal Applications

Refineries, Petrochemical, Grain Silos, Sugar Mills, Tanks & Vessels, and Offshore Marine.

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# 120 Volt LED Rope Lighting

Radius Lighting | Available In 50' - 100' - 150'

- Suitable For Indoor/Outdoor Use
- Lightweight, Flexible, & Durable



## Model # RL50-120V Light Specifications

Voltage	120V
Watts	.90 Watt Per Foot
LED Cord Length	50'
LED Bulbs Per Ft	12
Light Color	Cool White
Operating Temperature	-40°C to +40° C
Weight	8lbs
LED Spacing	1"
Life Hours	100,000



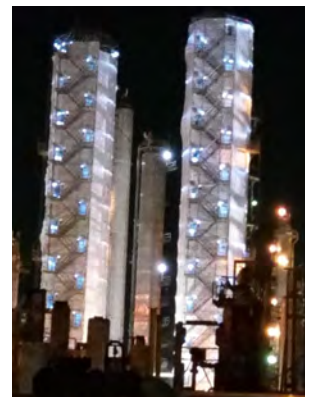
Model

RL50-120V

RL100-120V

RL150-120V

SPECIFICATIONS	50' ROPE LIGHT	100' ROPE LIGHT	150' ROPE LIGHT
Voltage	120V	120V	120V
Watts	.90 Watt Per Foot	.90 Watt Per Foot	.90 Watt Per Foot
LED Cord Length	50'	100'	150'
LED Bulbs Per Ft	12	12	12
Light Color	Cool White	Cool White	Cool White
Operating Temperature	-40°C to +40° C	-40°C to +40° C	-40°C to +40° C
Weight	8lbs	12lbs	16lbs
LED Spacing	1"	1"	1"
Life Hours	100,000	100,000	100,000



**LED Rope Lights  
On The Jobsite**



Metal Wall Eye Magnet #WEM

## Universal Applications

Refineries, Petrochemical, Grain Silos, Sugar Mills, Tanks & Vessels, and Offshore Marine.

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# 64W LED Portable Floodlight

## 24V LED Waterproof Floodlighting

- IP69K Waterproof
- NEMA 4X
- Rated For Wet Locations
- Lightweight & Durable

\* Shown on spider magnet mount  
#SMB-AL

## Model # FLN4-64W-24V

- Rated for Wet Locations, NEMA 4X
- IP69K, IP68 Certified and Tested

### Light Specifications

Voltage	24V
Watts	64
Total Lumens	7,600
Cord Length	50'
Operating Temperature	-40°C to +65°C
CCT - Light Color	5000k
Weight	7lbs
Dimensions	H 6.4" , W 4.1" , L 7.4"



### Universal Applications

Designed to Withstand the Harshest of Environments: High Vibration, Acidity, Dust, Extreme Temperatures, Moisture, High Pressure Water, etc

## Additional Mounting & Function Options Available



Floor Stand  
#FS-AL



Pipe Clamp  
#PC-AL



Quadpod  
#QP8-AL



Magnet Mount  
#MM-AL



Cart Mount  
#CM-AL



Scaffold Clamp  
#SC-AL

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# 100W LED Portable Light

## 120V LED General Purpose Floodlighting

- IP67 Rated
- High Quality Light
- Rated For Wet Locations
- Lightweight & Durable



\* Shown on floor  
stand mount  
#FS-AL

### Model # FL100LED-120V

- Rated For Use In Wet Locations
- IP67 Certified and Tested

### Light Specifications

Voltage	120V
Watts	100
Total Lumens	15,000
Cord Length	50'
Operating Temperature	-40°C to +50°C
CCT - Light Color	5700k
Weight	10lbs
Dimensions	H 7.9" , W 5.2" , L 13.3"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, Construction, and Misc General Areas.

## Additional Mounting & Function Options Available



Spider Magnet  
#SMB-AL



Pipe Clamp  
#PC-AL



Tripod  
#TP8-STL



Magnet Mount  
#MM-AL



Cart Mount  
#CM-AL



Scaffold Clamp  
#SC-AL

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# 200W LED Portable Light

## 120V LED General Purpose Floodlighting

- IP65 Rated
- High Quality Light
- Rated For Wet Locations
- Lightweight & Durable



\* Shown on  
scaffold clamp  
#SC-AL

### Model # FL200LED-120V

- Rated For Use In Wet Locations
- IP65 Certified and Tested

### Light Specifications

Voltage	120V
Watts	200
Total Lumens	26,000
Cord Length	50'
Operating Temperature	-40°C to +50°C
CCT - Light Color	5700k
Weight	14lbs
Dimensions	H 15.5" , W 3.5" , L 12.3"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, Construction, and Misc General Areas.

## Additional Mounting & Function Options Available



Spider Magnet  
#SMB-AL



Pipe Clamp  
#PC-AL



Tripod  
#TP8-STL



Magnet Mount  
#MM-AL



Cart Mount  
#CM-AL



Floor Stand  
#FS-AL

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# IP Ratings / Classifications

## Most Common IP ratings are 65, 66, 67, 68, and 69

IP (or "Ingress Protection") ratings are defined in international standard EN 60529 (British BS EN 60529:1992, European I EC 60509:1989). They are used to define levels of sealing effectiveness of electrical enclosures against intrusion from foreign bodies (tools, dirt etc) and moisture.



RATING	QUICK REFERENCE OF EACH RATING
IP65	IP rated as "dust tight" and protected against water projected from a nozzle.
IP66	IP rated as "dust tight" and protected against heavy seas or powerful jets of water.
IP67	IP rated as "dust tight" and protected against immersion for 30 minutes at depths 150mm-1000mm
IP68	IP rated as "dust tight" and protected against complete, continuous submersion in water.
IP68K	IP rated as "dust tight" and protected against complete, steam-jet cleaning.





# 300W LED Portable Light

## 120V LED General Purpose Floodlighting

- IP67 Rated
- High Quality Light
- Rated For Wet Locations
- Lightweight & Durable



\* Shown on spider magnet mount  
#SMB-AL

### Model # FL300LED-120V

- Rated For Use In Wet Locations
- IP67 Certified and Tested

### Light Specifications

Voltage	120V
Watts	300
Total Lumens	45,000
Cord Length	50'
Operating Temperature	-40°C to +50°C
CCT - Light Color	5700k
Weight	19lbs
Dimensions	H 19.8" , W 7.3" , L 14.3"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, Construction, and Misc General Areas.

## Additional Mounting & Function Options Available



Scaffold Clamp  
#SC-AL



Pipe Clamp  
#PC-AL



Tripod  
#TP8-STL



Magnet Mount  
#MM-AL



Cart Mount  
#CM-AL



Floor Stand  
#FS-AL

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# 480W LED Portable Light

## 120V LED General Purpose Floodlighting

- IP67 Rated
- High Quality Light
- Rated For Wet Locations
- Lightweight & Durable



\* Shown on pipe clamp  
#PC-AL

### Model # FL480LED-120V

- Rated For Use In Wet Locations
- IP67 Certified and Tested

### Light Specifications

Voltage	120V
Watts	480
Total Lumens	70,000
Cord Length	50'
Operating Temperature	-40°C to +50°C
CCT - Light Color	5700k
Weight	30lbs
Dimensions	H 21.3" , W 3.0" , L 14.2"

### Universal Applications

Refineries, Petrochemical, Steel Mills, Grain Silos, Sugar Mills, Offshore Marine, Construction, and Misc General Areas.

## Additional Mounting & Function Options Available



Scaffold Clamp  
#SC-AL



Spider Magnet  
#SMB-AL



Tripod  
#TP8-STL



Magnet Mount  
#MM-AL



Cart Mount  
#CM-AL



Floor Stand  
#FS-AL

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# I-Link Vapor Proof String Lights

## 12V LED Vapor Proof Linkable String Light System

- NEMA 4X
- Suitable For Wet Locations
- IP68
- Lightweight Design



### Model # IL10VP-12V

- UL1598, UL1598A
- IP68 Suitable for Wet Locations
- Meets compliance with OSHA requirements for portable lighting in wet or conductive locations in confined spaces (19 2 6.405 (a)(2)(i i)(G)).

### Light Specifications

Voltage	12V
Watts (Each)	4.5
Total Watts	45
Lumens (Each)	900 Per Lamp
Total Lumens	9,000
Cord Length	100' Power Cord
Operating Temp	-58° F to 140° F
CCT - Light Color	5000k
Weight	25lbs - Total System
Dimensions	H 2.6" , W 3.4" , D 2.4"
12' Spacing	Custom Spacing Available

**5 and 10 Light Options Available**



### Universal Applications

The portable string vapor proof lighting kit is specifically designed for wet and conductive environments, including petrochemical containers, grain silos and storage tanks. 12V AC string light stands out from other vapor proof lighting by combining the efficiency and performance of LED technology with robust design and construction. Lighting system includes an emergency backup battery.

## Additional Mounting & Function Options Available



Single Hook



Handle Hook



Magnetic



5 Light Option - Model # IL5VP-12V

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# Vapor Proof Hand Lamps & String Lights

## 12V or 120V LED Lighting Systems

- NEMA 4X
- Suitable For Wet Locations
- Vapor Proof
- Heavy Duty



Model # E30V-50-120V LED

### Light Specifications

Voltage	12V/120V
Watts	9 Watt LED
Total Lumens	1,650
Light Projection	10 Foot Radius
Cord Length	50'-150'
Operating Temp	-40° F to +40° F
Weight	16-26lbs



Model # HVEP100DW-12V LED

### Universal Applications

Refineries, Petrochemical, Grain Silos, Sugar Mills, Tanks & Vessels, and Offshore Marine.

### Vapor Proof String Light Systems



#SL-3VP



#SL-8VP



#SL-5VP



#SL-10VP







# 300W LED Portable Light Carts

## 120V LED General Purpose Floodlighting

- IP67 Rated
- High Quality Light
- Rated For Wet Locations
- Lightweight & Durable



LC1300LED-120V

LC2300LED-120V

**Model # LC1300LED-120V**  
**Model # LC2300LED-120V**

### Brief Specifications

- Rated For Use In Wet Locations
- IP67 Certified and Tested
- Hand Crank Telescoping Winch
- Adjustable Light Fixtures
- Easy One Person Setup
- 12' Height Capability

### Universal Applications

General Outdoor Floodlighting, Concrete Pouring, Carpentry, Plumbing, Roofing, Scaffolding, Electrical, Security, Sporting Events, and Misc Construction Work.

SPECIFICATIONS	SINGLE LIGHT CART	DUAL LIGHT CART
Voltage	120V/240V	120V/240V
Total Watts	300	600
Total Lumens	45,000	90,000
Cord Length	50'	50'
CCT - Light Color	5700K	5700K





# Rental Locations

- Baton Rouge, LA
- Corpus Christi, TX
- Sulphur, LA
- La Porte, TX

Delivered all throughout North America

Phone: 866-442-0260 Website: [bossltr.com](http://bossltr.com)