

Powered by
YANMAR

LIGHT BOY series
ELB43SD

400W Metal Halide Lamp x 4
Cart type / Spotlight



Compact & Supersilent

- Powerful output of 4 metal halide lamps
- Compact body allows multiple unit transportation
- Unique and reliable safety devices
- Ensure a stable brightness supply by E-ballast.
- Steerable cart design for easy transportation.

Give the Best Performance

- QUICK RESTRIKE TIME**
- YDG300NS** Diesel Gen-set
- E-BALLAST** Electronic ballast



ELB43SD

400W Metal Halide Lamp x 4

LIGHT BOY
SERIES

LONG-LIVED & HIGH EFFICIENCY LAMP

METAL HALIDE LAMP being used for LIGHT BOY is high efficiency, longer life and stronger to vibration compared with

Metal Halide (400W)

34,000 lumen

10,000 hours

3.3 A

BRIGHTNESS

LIFE HOURS

REQUIRED AMPERAGE

Halogen (500W)

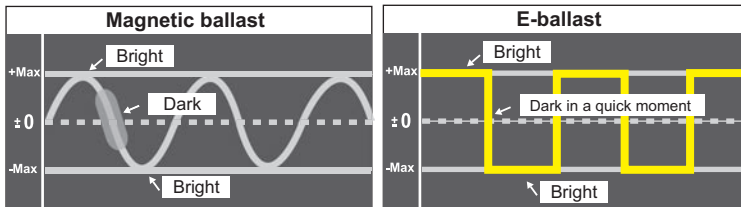
9,500 lumen

2,000 hours

14.5 A

HIGH EFFICIENCY E-BALLAST

From the way line of digital type of electric ballast, even the way line get down, the dark area is a quick moment.



DUSK-DAWN OPERATION WITHOUT FILL-UP

A single tankful of diesel will keep these air-cooled gensets on the go for 21 hours. The secret to such long operation is their low fuel consumption from features like direct injection - a major feat for this type of compact engine. These gensets give savings with every tankful of diesel. And they have a utility-size fuel tank, so you can leave them running all night.



YDG300NS

MULTIPLE UNITS TRANSPORTABLE

As LIGHT BOY is designed very compactly, several units can be transported by one vehicle, or you can utilize an empty space when



6 units can be loaded on a 2t truck

EASY TO CHANGE



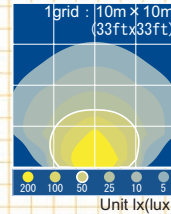
open-close without a tool. If glass had broken, replace the

LIGHTING UNIT



can be set to any angle and direction.

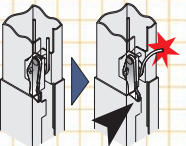
ILLUMINATION RANG



3 STAGE MAST

extends up to 4.1m.

SAFETY LOCK



catches the mast in the event of the lifting wire breaking.

SAFETY WINCH



Prevents sudden fall of the mast.

STEERING HANDLE



for easy maneuverability

LIFTING HOOK

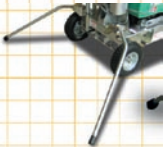
for easy transport

BRAKE



Jam on the brakes.

OUTRIGGER



Secures the stability of the unit.

CART

Possible to lift with forklift on the underbody.

SPECIFICATIONS & DIMENSIONS

| | | | | |
|-------------------|---------------------------------------|-----------------------|-----------------------------|--------------|
| Lighting Tower | Model | | ELB43SD | |
| | Voltage | V | AC230 | |
| | Current | A | 7.8 (1.95x 4 lamps) | |
| | Lamp | Type | | Metal Halide |
| | | Wattage x No. of lamp | W | 400 x 4 |
| | | Total Luminous Flux | lm | 136,000 |
| | Outside temperature | F | 23 to 104 | |
| Dimension (LxWxH) | Working | ft.in. | 5'3" x 5'1" x 6'6" to 13'7" | |
| | | (mm) | 1600 x 1550 x 2060 to 4160 | |
| Mast | Storage | ft.in. | 3'4" x 3'3" x 5'6" | |
| | (mm) | | 1040 x 1030 x 1700 | |
| | Number of Stage | | 3 | |
| | Type | | Telescopic Manual | |
| | Weight | kg | 131.5 | |
| Generator | Model | | YDG300NS | |
| | Output | Kw | 3.0 | |
| | Starting System | | Electric | |
| | Fuel Oil / Tank capacity | L | Diesel Fuel / 14.5 | |
| | Dry Weight | kg | 152 | |
| | Survival wind speed (with outrigger) | | | 102 km/h |
| | Total Weight | kg | 283.5 | |

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