

LIGHT BOY

Improve your safety



B8CS
800W LED BALLOON



S3X4CS
4 x 300W LED SPOT



B8CS-A
800W LED BALLOON

RUNTIME
18h
At 800W



S3X4CS-A
4 x 300W LED SPOT

RUNTIME
13.5h
At 1200W

*Runtime is measured using a "HONDA EU30is"

*Generator not included

What is Balloon Light?

GLARE-FREE LIGHT A balloon light offers powerful illumination without glare. The light is diffused, softer, and has no shadows.

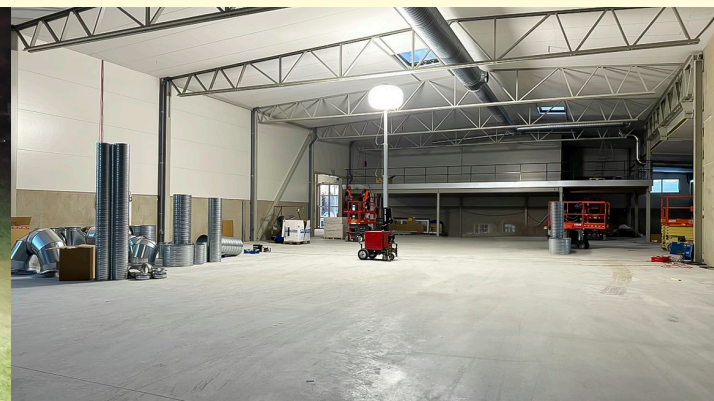


Balloon Light gives enough light to a work area but eyes are never blinded by glare even if seeing the light directly. It is gentle to surrounding traffic.



With conventional light towers, drivers are exposed to intense glare when they look directly at the light.

360-DEGREE LIGHT COVERAGE The light from a balloon covers 360-degree surroundings providing a uniformly bright surface.



GREAT VISIBILITY As the light source is large, it is easy to identify even from a distance. This reduces the risk of accidents for not only the field crews in a work zone, but also for passing motorists.



360-degree lighting illuminates the entire work area, improving visibility and ensuring safety.



If the light is facing you, it can be difficult to see the road ahead, potentially leading to accidents or mishaps.

800W LED BALLOON

Installed in the centre of the work area to illuminate the whole area.



B8CS

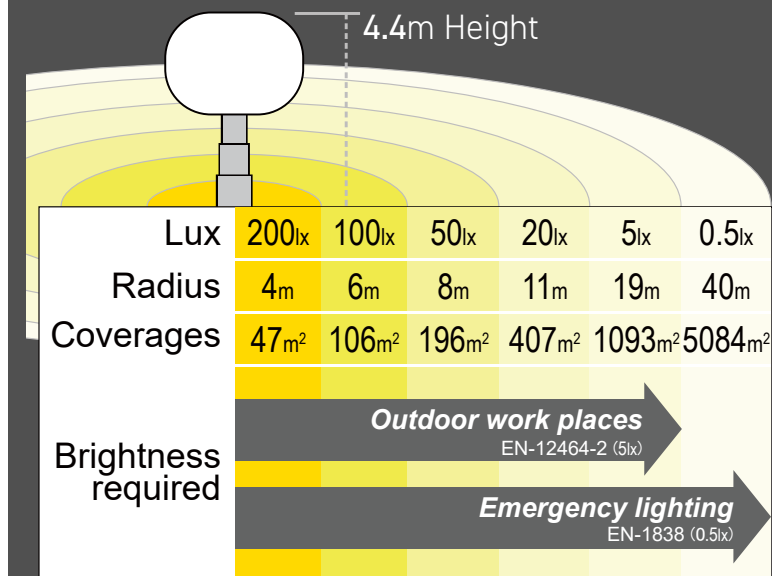
Standard model
(no brackets included)

B8CS-A

Includes dedicated EU30iS brackets.
※Shown with a generator for illustration purposes only.

Lighting data

110 000 lumen output



Integrated Balloon Cover

The protective cover can be folded and stored on the top of the balloon assembly during operations.



Ultimate Lamp Protector

This high-impact resistance material is designed to withstand even the toughest impacts and keep your LEDs shining bright.



Long Lasting Balloon Envelope

The envelope is crafted from a special polyester that exhibits exceptional qualities of water-repellency and durability. This fabric is easily washable with neutral detergent.

Dimming Control

The brightness can be adjusted depending on the applications.



Silent mode

The noise can be minimised by activating the silent mode. It automatically dims to 400W in silent mode.



Air-Cooled Technology

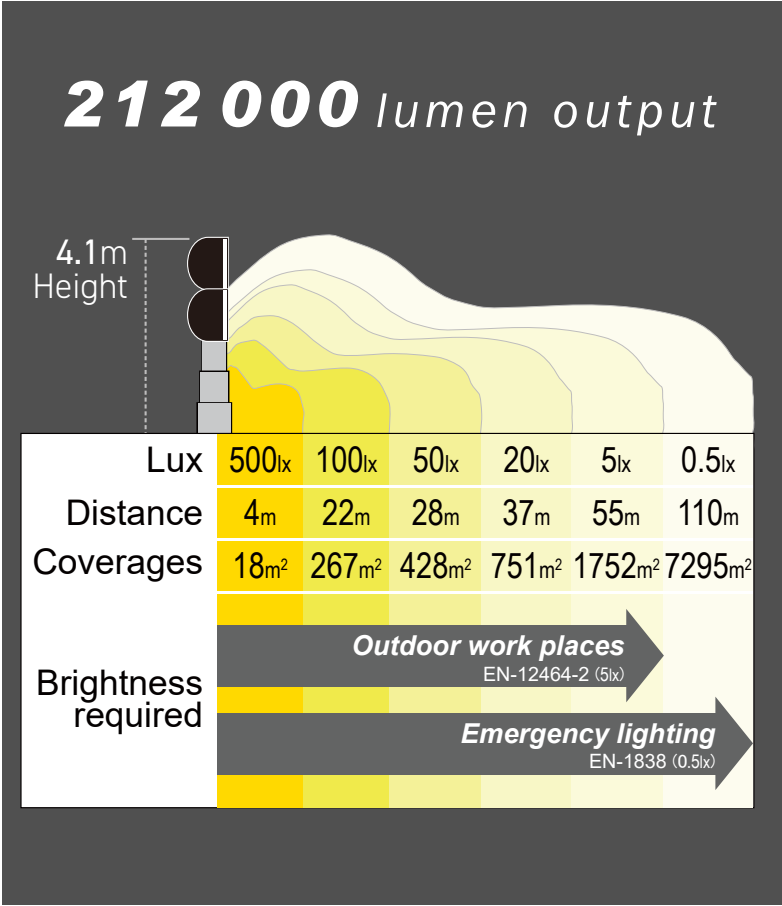
A fan motor not only inflates the balloon but also cools the LED, extending the life of LED chips.

And of course there's the Spotlight.

4 x 300W LED SPOT

When high light intensity is required for precision work and daylight is needed.

Lighting data



B8CS

Standard model
(no brackets included)



S3X4CS-A

Includes dedicated EU30iS brackets.
※Shown with a generator for
illustration purposes only.

4 x 300W LED 360° Swivel and Tilt Lighting Head

These spotlights are designed
to illuminate in various
directions, providing you with
the flexibility to create the
perfect lighting arrangement
for your needs.



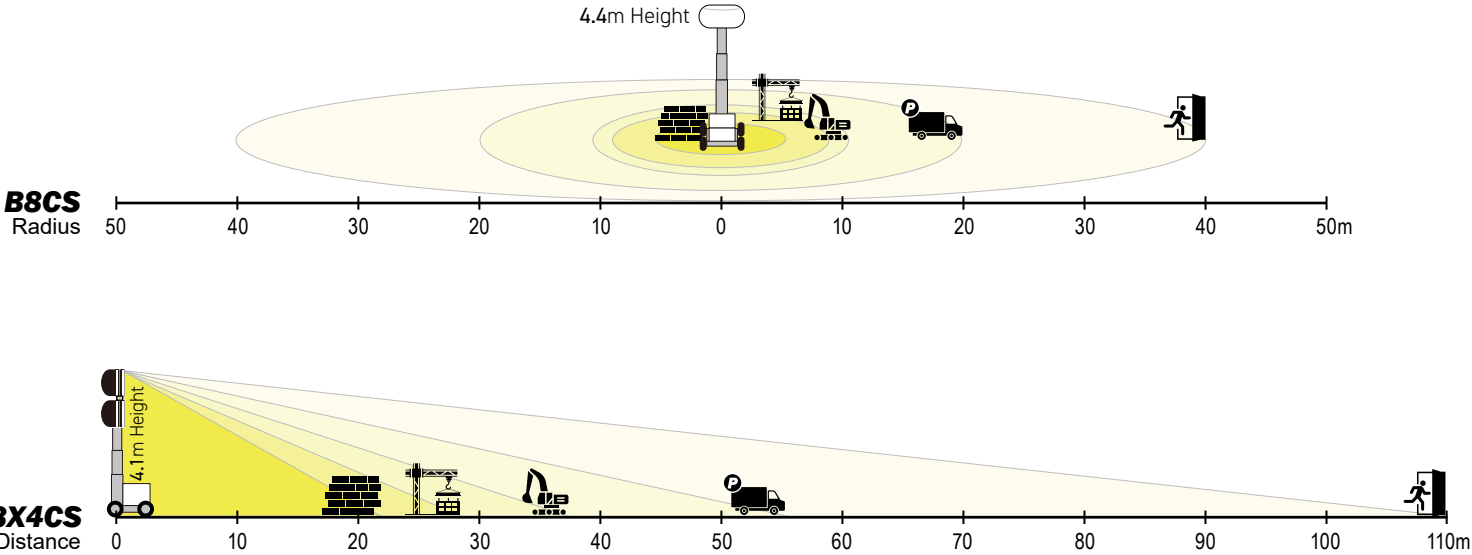
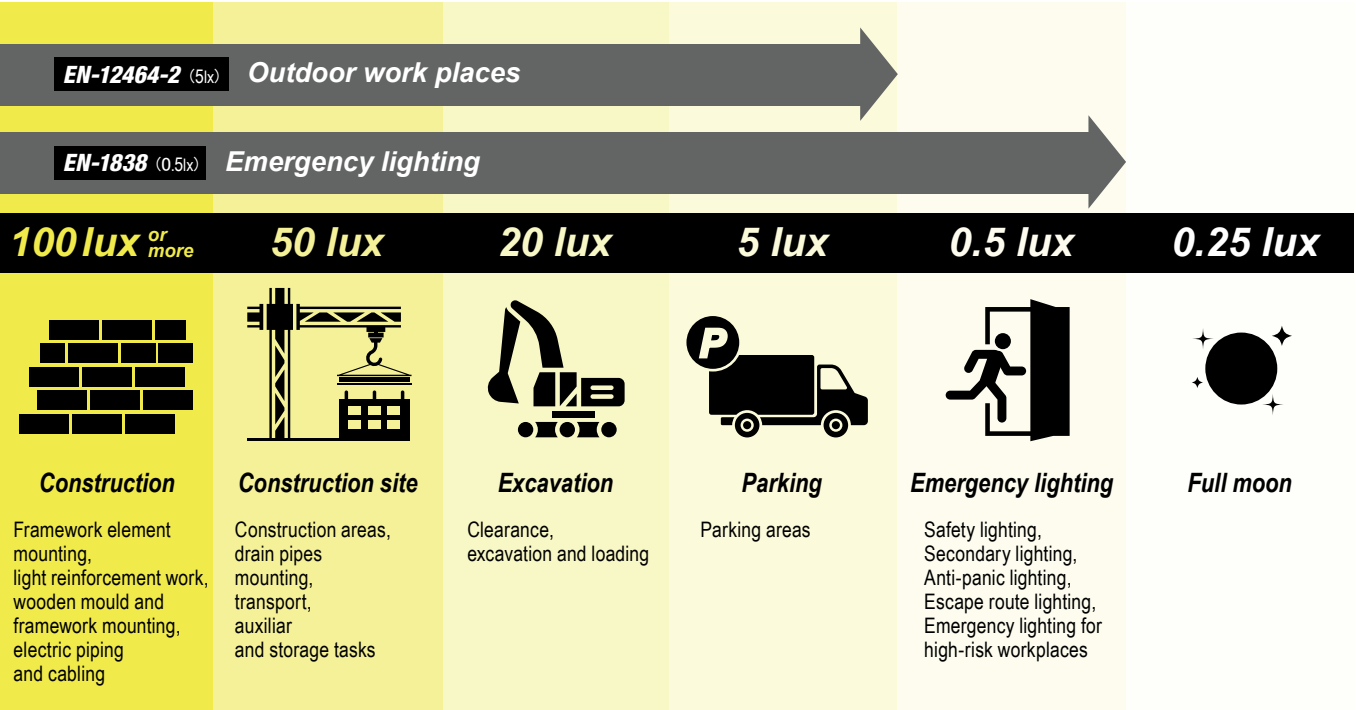
ILLUMINATION GUIDELINE

EN-12464-2 (5lx)

According to European Standard EN-12464-2 for lighting of outdoor work places. This European Standard specifies lighting requirements for outdoor work places, which meet the needs for visual comfort and performance. All usual visual tasks are considered.

EN-1838 (0.5lx)

According to European Standard EN-1838 for Emergency lighting. This standard specifies the luminous requirements for emergency escape lighting and standby lighting systems installed in premises or locations where such systems are required. It is principally applicable to locations where the public or workers have access.



Flexibility

HONDA EU30is Generator mount

can be mounted with optional fixings.



- High-Quality Sine Wave Inverter Output
- Quiet Operation & Fuel Efficiency
- Long Runtime & Easy Mobility



Various open-frame generators

Selected generators can be mounted with optional fixings.

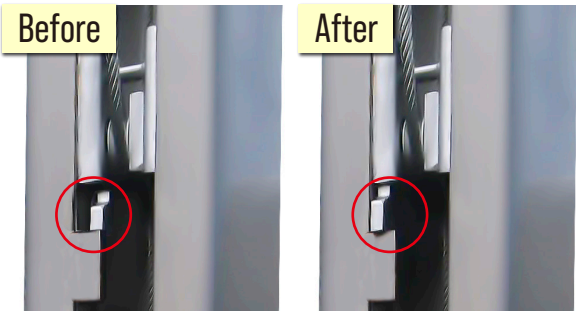


Size of open-frame generators that can be mounted	
Length	630mm and below
Width	270 - 585mm
Height	595mm and below
Max.Weight	140kg

Safety

Mast braking system

Even if the wire inside the mast breaks due to wear and tear, the stopper inside the mast pops out to prevent the mast from suddenly dropping.



One Touch Outriggers

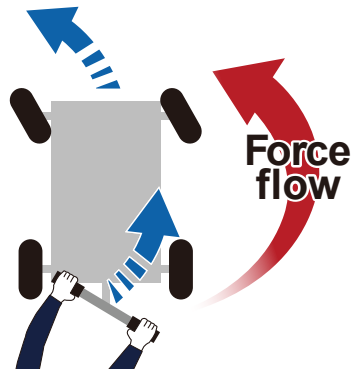
The outriggers are designed to automatically lock when deployed. They can be released with just one touch.



Manueverability

Steerable Cart Design

The technology of the front-wheel reverse handle efficiently transmits the pushing force.



Original Winch

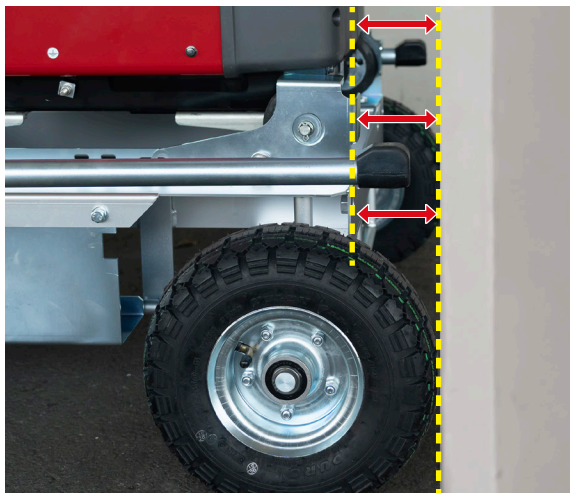
Anti reverse winding protection

This winch is designed to optimize performance based on weight and number of windings.



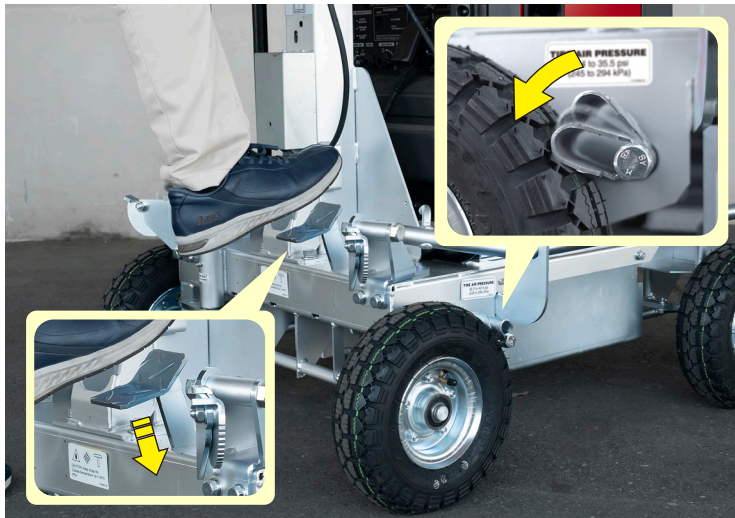
Pneumatic Tires

With cushioned tyres, it can glide through the rough and bumpy terrain of gravel roads. The tyres also function as a buffer to protect the equipment from damage.



One-Step Foot Brake

It is easy to apply the brake as it only requires one step and minimum effort.



Transportability

Forklift Pockets

Handy forklift pockets in all directions for easy transportation.



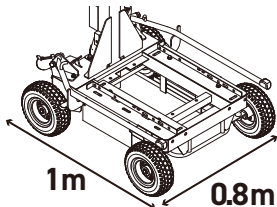
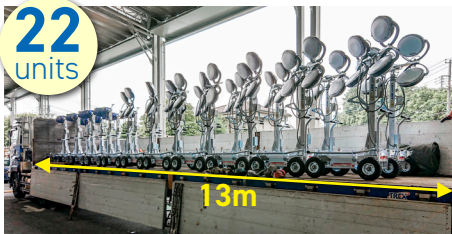
Lifting Eye

Balanced lifting when moving by crane.



Truckload

Very compact design, Up to 22 units per 13m truck. 6 units can be load on smaller sized trucks.



Option

No Puncture Tire

Airless tyres without punctures.



Message Strip (for B8CS-A)

Message Strips fit on both sides of the balloon.



Design Balloon (for B8CS-A)

We offer Humor and Comfort to nighttime construction.

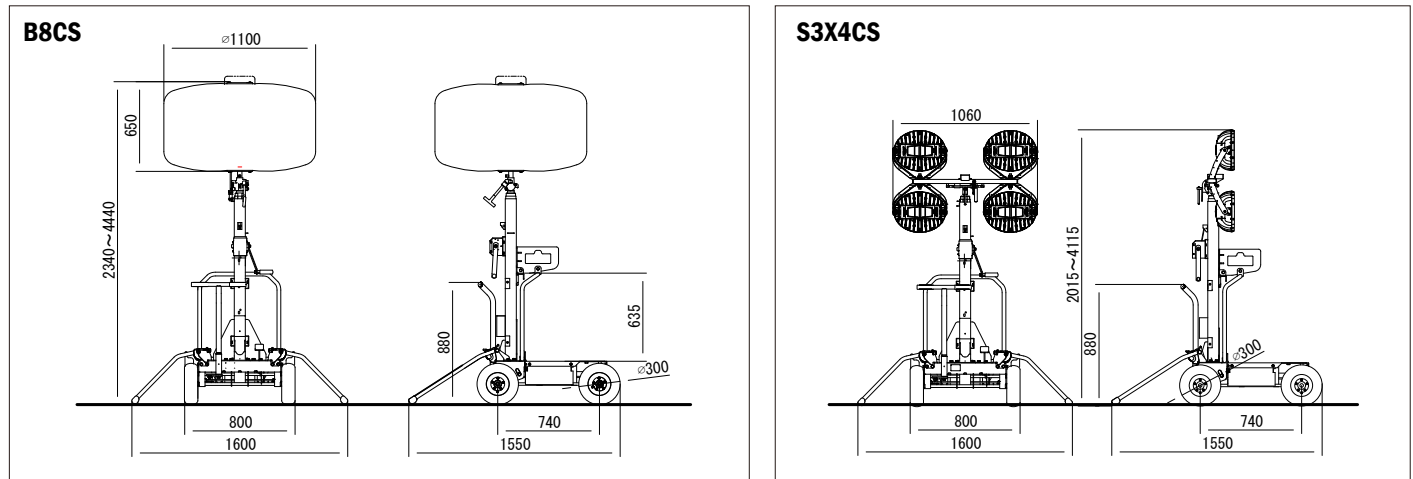


Original source



Original balloon

Dimensions (mm)



Specification

Model		B8CS-CE	B8CS-A-CE	S3X4CS-CE	S3X4CS-A-CE
AC	Voltage (V)	AC230 *1			
	Frequency (Hz)	50 / 60			
	Wattage (W)	860		1352	
Lamp	Lamp Type	LED 800Wx1		LED 300Wx4	
	Dimming (W)	800 / 600 / 400		-	
	Total Luminous Flux (lm)	110 000 / 90 000 / 67 000 *2		212 000 *2	
	Outside Temperature (°C)	-10 to 40			
Mast	Mast Type	3-stage telescopic Mast			
	Mast Operating	Hand Operation			
Cart	Tire	Outer diameter 300mm pneumatic tires x 4			
	Tire pressure (kPa)	245 - 294 (2.5 - 3.0kgf/cm ²)			
	Brake	One-step foot brake			
	Outrigger	Rear drawer type x 2			
Dimension	Operating (LxWxH) (mm)	1550 x 1600 x 2340-4440		1550 x 1600 x 2015-4115	
	Storage (LxWxH) (mm)	1040 x 800 x 1780		1060 x 1040 x 1710	
	Plug type	CEE7/7			
	Total Weight (kg)	116	118	139	141
Appropriate Generator		Output 0.9kVA or more		Output 1.5kVA or more	

*1 Voltage 90-240V are available when power plugs are changed.

*2 Values shown are maximum.

- LED chips differ from one case to the next on the production process, they have their own brightness and color temperature.
- All features and specifications are subject to change without notice.

LIGHT BOY EUROPE AB

Södra Industrigatan 3
SE-274 30 Skurup Sweden
Phone : +46 70 864 8810
Email : contact@light-boy.eu
www.light-boy.eu