

SBFH 160

Hybrid Marker Light for Aquaculture Farms

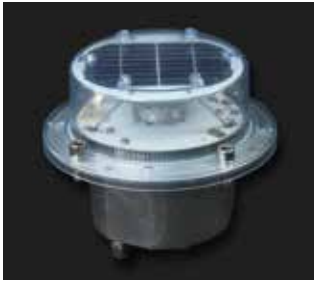
SBFH 160 is a hybrid marker light especially developed for aquaculture farms. It is designed to meet requirements regarding night and day time visibility as well as radar visibility. It can also be installed directly on floats for aquaculture farms. This hybrid marker light has an unique hybrid system including a solar panel and an integrated rechargeable battery. During the dark winter months an alkaline battery is used as a power supply. The partly integrated, robust lantern has very low power consumption and is equipped with GPS synchronization.

- **Adjustable intensity and range**
- **Standard range 3 NM at Tc = 0.74 (4,5 NM at Tc = 0,85)**
- **Standard IALA colours**
- **Equipped with internal radar reflector**
- **Energy sources: main NiMH battery and solar panel as main and Alkaline battery as back-up.**
- **Vertical divergence 8° @ 50% (±1°) of peak intensity**
- **GPS synchronization as standard**
- **Optionally integrated GSM/GPS remote monitoring**
- **Remote monitoring with LightGuard Monitor**
- **Mounting mechanism can be customized for different floats**
- **Sabik Easy programmer can be used for programming the lantern and for reading the status of the lantern and battery**
- **Advanced Bluetooth® Control up to 50m available for android and iOS smart phones**



Main Technical Specification

Lantern intensity setting	17 cd
Max lantern intensity	40 cd
Vertical divergence	8° @ 50% (±1°) of peak intensity
Buoy material	UV resistant Polyethylene
Lantern material	UV resistant Polycarbonate
Weight without adapter plate	35 kg
Degree of protection, lantern	IP 67
Lantern programming	Wireless with Sabik Easy programmer or with an advanced Bluetooth android mobile app
Primary battery 220 Ah	Changing interval > 1,5 years



Lantern
Light unit lens produced of polycarbonate. Integrated solar panel and rechargeable battery.



Light reflectors
External reflectors in the upper part of the buoy.



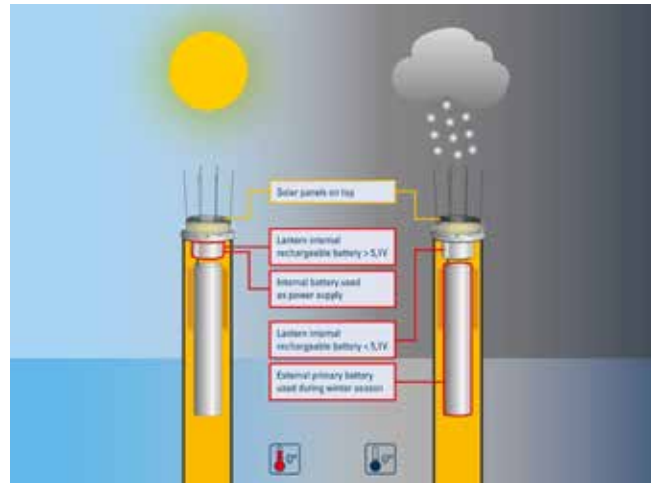
Programming and monitoring
Lantern can be programmed and battery status monitored with the Sabik Easy Programmer.



Programming and monitoring
Lantern can be programmed and battery status monitored also with the Sabik Bluetooth application.



Back-up Alkaline battery and radar reflector
220 Ah primary battery and radar reflector integrated in the marking light.



Product codes

SBFH 160-1.7YBS	Hybrid marker light with integrated rechargeable battery and a 220 Ah battery as back-up + sync
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Product code for mechanical fixing

841011	Mechanics for buoy installation
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Product code for lanterns

HBL 110Y4	Hybrid lantern for SBFL marker light with synchronization
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Product code for battery

950168	220 Ah primary battery
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Product code for Programmer

980332	Sabik Easy Programmer
	Bluetooth® app for android and iOS mobile phones available

