

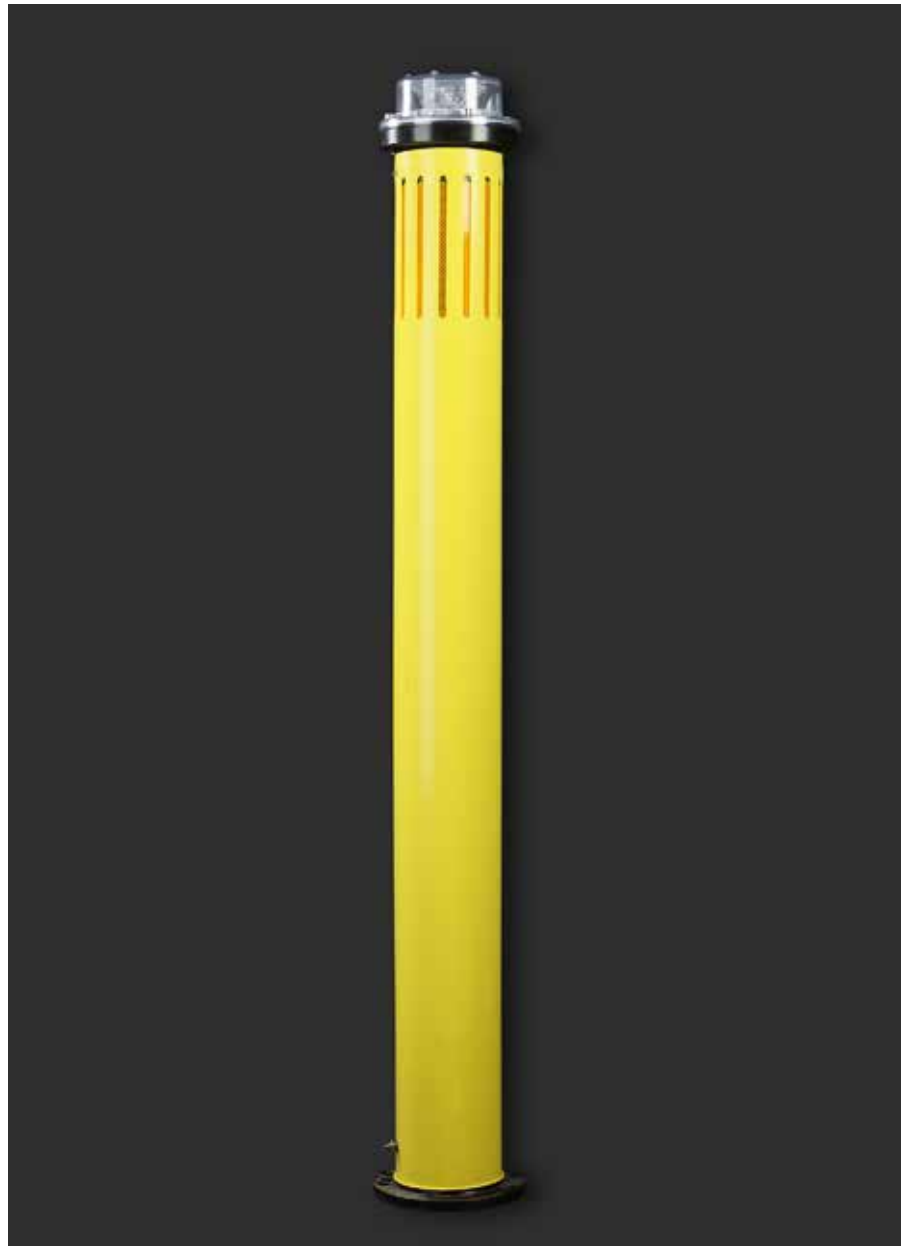
SBFL 160

Marker Light for Aquaculture Farms

SBFL 160 is a marker light especially developed for aquaculture farms. The unit 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.

The marker light consists of a yellow buoy tube with integrated alkaline battery, LED lantern, light reflectors as well as internal radar reflector. 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 yellow colour light**
- **Equipped with internal radar reflector**
- **Energy sources: Alkaline main battery**
- **Vertical divergence 8° @ 50% (±1°) of peak intensity**
- **GPS synchronization as standard**
- **Optionally integrated GSM/GPS remote monitoring**
- **Remote monitoring with LightGuard Monitor can be added as an option**
- **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	33 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



Lens
Sabik designed optics with polycarbonate lens.



Mechanics
Special mechanics suitable for different types of floats available.



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



Programming and control
Lantern can be programmed and battery status controlled also with an advanced Bluetooth® app for android and IOS mobile phones.



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



Battery and radar reflector
220 Ah primary battery and radar reflector integrated in the marking light.



Product codes

SBFL 160-1.7YBS	Marker light with 220Ah primary battery + sync
SBFL 160-1.7YTS	Marker light with 230/12V power supply and 12Ah back-up battery + sync

Product code for mechanical fixing

841011	Mechanics for buoy installation
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Product code for lanterns

VPL 110Y4	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

