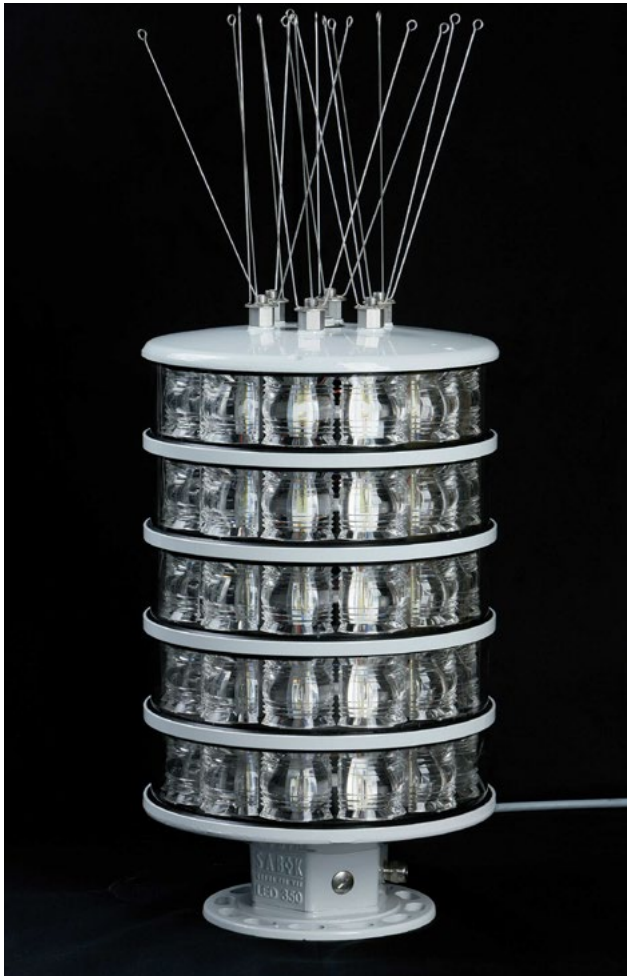


## LED 350H

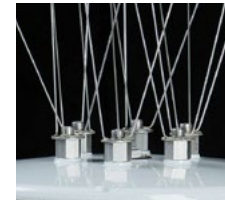
High Power LED lantern for fixed installations

A LED beacon capable of ranges up to 18 NM. LED 350H is designed to substitute rotating beacons with a considerably smaller power consumption.

- Up to 15,000 cd luminous intensity per tier at only 90 watts
- Can be supplied with up to 5 tiers. Max luminous intensity an impressive 75,000 cd
- Rugged aluminium housing for installation in marine environments
- Low power consumption, suitable for solar and battery operation
- Integrated flasher with daylight switch and a 16 ampere solar panel charger
- Field adjustable intensity and range
- Programming with wireless Sabik PDA Programmer or USB/IR interface
- Integrated 365 day event log
- Optionally integrated GPS synchronization
- Optionally integrated GSM Remote monitoring



The performance of the lantern has been achieved thanks to a especially designed lens.



**Bird spikes**  
Stainless steel bird deterrents as standard. Easy to replace. Offers great protection.



**Level indicator**  
The lantern can easily be levelled in field using the integrated bubble level indicator.



**IR port and photocell**  
Combined infrared communication port and photocell is located on the base of the lantern.



**Grounding plug**  
The base plate has a grounding plug as standard to enable good protection against electromagnetic interference.



**Additional cable entry**  
Equipped as standard with two cable entries. If the second entry is needed e.g. for a solar module standard M20 cable gland can be fitted.

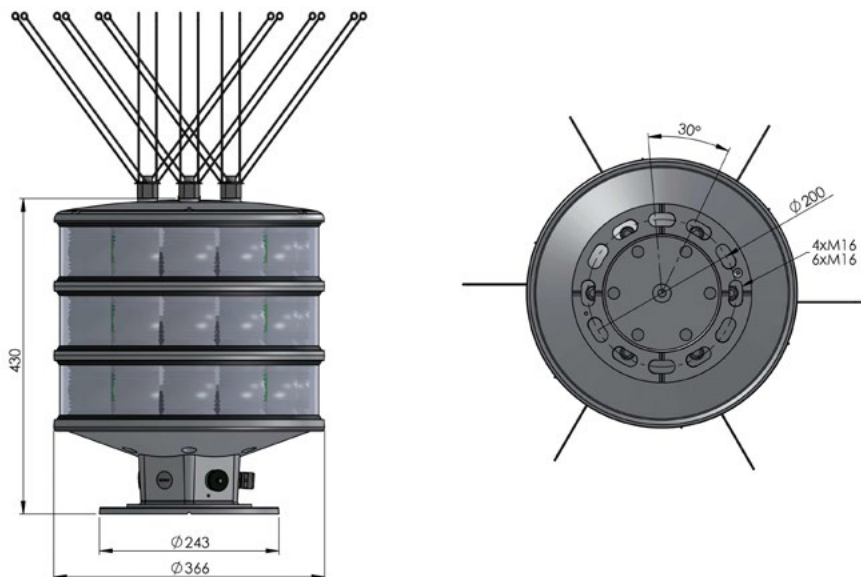


**Sabik Easy Programmer**  
User friendly and compact wireless two-way programmer.



**PDA Programmer**  
Wireless two-way communication using a Windows based PDA with infrared port. Flash code, range and photocell switch level etc. can be set. The Programmer can also retrieve the event log.

## Technical Specification LED 350H



### Optical performance

Maximum fixed luminous intensity			
1-tier, 90 W	4,500 cd	8,000 cd	15,000 cd
2-tier, 180 W	9,000 cd	16,000 cd	30,000 cd
3-tier, 270 W	13,500 cd	24,000 cd	45,000 cd
4-tier, 360 W	18,000 cd	32,000 cd	60,000 cd
5-tier, 450 W	22,500 cd	40,000 cd	75,000 cd

### Main Technical Specification

Lens visual/Mechanical diameter	350 mm
Lens material	UV stabilized Polycarbonate
Light source	High Power Light Emitting Diodes (LEDs)
Vertical divergence	1.5° @ 50 % (± 0.3°) and 3° @ 10 % (± 0.5°) of peak intensity
Unit lifetime	Up to 10 years
Weight	10 kg for single tier unit, add 4 kg for each tier
Temperature range	-40°...+60°C
Supply Voltage	20 – 32 VDC
Solar panel charger	16 ampere PWM charger. Solar panel production (Ah) is logged
Power consumption	90 watts/tier
Degree of protection	IP 67

## Order Overview LED 350H

### Option matrix

OPT 1: Optical Feedback System	Integrated LED performance measurement
OPT 4: GPS sync	Integrated GPS sync excluding GPS antenna
OPT 7: External GPS	External GPS antenna for OPT4 and OPT9
OPT 9: LightGuard GSM + GPS	Integrated GSM based monitoring including GSM/GPS antennas
OPT 10: LightGuard GSM	Integrated GSM based monitoring including GSM antenna
OPT 11: Control card	Control card for secondary battery
OPT 12: Aux card with I/O	Aux card including I/O ports
OPT 13: Aux card with RS485 and I/O	Aux card including RS 485 and I/O port
Shock & Tilt Sensor	Integrated 3-axis G sensor for tilt and shock sensing

### Product codes

Colour	white	red	green
LED 350H 1 tier	LED 350H-1W	LED 350H-1R	LED 350H-1G
LED 350H 2-tier	LED 350H-2W	LED 350H-2R	LED 350H-2G
LED 350H 3-tier	LED 350H-3W	LED 350H-3R	LED 350H-3G
LED 350H 4-tier	LED 350H-4W	LED 350H-4R	LED 350H-4G
LED 350H 5-tier	LED 350H-5W	LED 350H-5R	LED 350H-5G

### Product code example: LED 350H-3WOPT9/OPT7

- LED 350H-3W is Sabik code for a three-tier LED 350H with lens in white
- with a selection of OPT9 and OPT7

### LED 350H 12V

LED350H is also available with supply voltage 10-18 VDC for one and two layer lanterns. There is no internal solar panel charger integrated in this 12V model lantern.

### Product codes for 12VDC white lantern

1 LAYER	LED 350H-1W 12V
2 LAYERS	LED 350H-2W 12V