

SELF-CONTAINED LED LANTERN

GSC-5-ES

3 to 5 NM+



Bluetooth® control

The GSC-5-ES is a robust self-contained LED lantern with a range up to 5 NM+ @0.74T.

Benefits include :

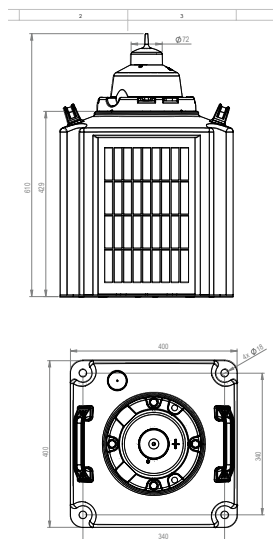
- High autonomy thanks to low consumption LED technology
- Quick set up and easy to use with GISMAN Bluetooth® application
- High performance in extreme weather conditions
- Optional A2NGO monitoring cybersecured system
- AIS embedded option, available in addition to the monitoring option
- 3 years warranty
- Service life over 10 years
- IALA compliance to applicable recommendations

Technical Features

- Vertical divergence: > 7° @ 50% and 20° @10%
- Colors: white, red, green and yellow
- Programmable flash characters: 369 + 1 personalized
- Allard correction for short flash characters
- Adjustable range
- Adjustable ambient light levels
- ON/OFF autonomy management (reduction of intensity if critical battery voltage)
- Bluetooth® programming and communication module

Indicate your location and expected performances on GISMAN's solar calculator online and get all suitable solutions:

<https://calculator.gisman-web.com>



OPTICAL PERFORMANCES*

Colors	White	Red	Green	Yellow
Intensity I _{max} (Cd)	130	81	93	53
Range (NM) @0.74T	3 to 5 NM+			
Range (NM) @0.85T	3 to 7.8 NM+			

*Intensity may vary with manufacturing tolerances.

Check the maximum range of your light with the online solar calculator:

<https://calculator.gisman-web.com>

MATERIALS

Base: powder-coated marine aluminium
 Body: polyethylene - UV stabilized chassis
 Lens: polycarbonate - UV stabilized
 Lantern body: polycarbonate - UV stabilized

SOLAR MODULES

4 monocrystalline modules of 10W each

BATTERY

AGM sealed battery 28 Ah/12V or 40 Ah/12 V

CERTIFICATION ET TESTS

European Community: Directive 2014/53/UE
 IALA: R0201 compliance of the colors
 ISO Certification 9001-2015
 Ingress protection: IP 68 - IEC 60529
 Cybersecurity: NIST 800
 Vibration : MIL STD 202G
 Shock: MIL STD 202G
 Thermal shock: IEC 60945
 Salt fog: IEC 60945

WEIGHT

24 kg (28 Ah) / 28,2 kg (40 Ah)

MOUNTING

4 screws M10 or M12 on Ø480mm (Ø200mm in option)

TEMPERATURES RANGE

From - 40 °C/-40 °F to + 65 °C/149 °F

Available options



GPS synchronization



Charging Port



Alarm output or AIS connectivity

Monitoring Communication options



Satellite



GSM



SIGFOX

AIS Transponder options



AIS Type 1



AIS Type 3

How to order your lantern?

Compose your order code in only 6 steps, which will look like: GSC-5-ES-[C]-[BATT]-[OPT]-[MONIT]-[AIS]

1. Type the lantern **reference**: GSC-5-ES
2. Choose the **color** of the light: W (White), R (Red), G (Green) or Y (Yellow)
3. Choose the type of **battery**: 28AH or 40AH
4. Select one or more of the available **options**:
 - GPS: GS
 - Charging Port: CP
 - Alarm: AL or ALAIS
5. Choose one **monitoring communication option**: SAT (Satellite), GSM (GSM) or SGFOX (SigFox).
6. Choose the **AIS transponder option**: type 1 (AIST1) or type 3 (AIST3) and the type of antenna: integrated (INT) or deported (DEP)

Order code example: GSC-5-ES-G-40AH-GS-SAT-AIST3-DEP

You get your order code! You can place your order by email to support@gisman.fr or by phone.

Complementary items available on request:

- IR remote programmer
- Anti-vandal screw kit + screwdriver
- External battery charger
- Stainless steel interface for 3 or 4 screws M10 Ø200mm