

STANDALONE LED LANTERN

GSA-8

up to 10 NM+



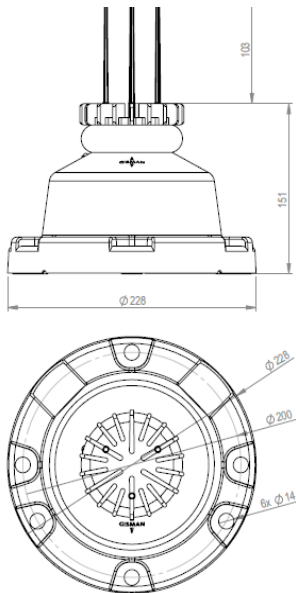
Technical Features

- Vertical divergence : > 9° @ 50%
- Colors: white, red, green and yellow
- Programmable flash characters: 369 + 1 personalized
- Allard correction for short flash characters
- Adjustable range
- Adjustable ambient light levels
- Bluetooth® programming and communication module

The GSA-8 are robust and efficient standalone LED lanterns with a range up to 10 NM+ @0.74T.

Benefits include :

- High performances
- Low consumption
- Quick set up and easy to use with GISMAN Bluetooth® application
- Optional A2NGO monitoring cybersecured system
- 3 years warranty
- Service life over 10 years
- IALA compliance to applicable recommendations



OPTICAL PERFORMANCES*

GSA-8	White	Red	Green	Yellow
Intensity I _{max} (Cd)	1600	860	780	680
Range (NM) @0,74T	4 to 10 MN+			
Range (NM) @0,85T	5 to 14 MN+			

*Intensity may vary with manufacturing tolerances.

MATERIALS

Lens: acrylic (PPMA)
Lantern body: polycarbonate - UV stabilized
Heat exchanger: anodized aluminium

GSA SUPPLY VOLTAGE

12V - from battery or mains via a buffer battery

CERTIFICATION AND 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

0,7 kg

MOUNTING

3 or 4 screws M10 on Ø200mm

TEMPERATURES RANGE

From - 40 °C/-40 °F to + 65 °C/149 °F

Available options



GPS synchronization



Default light alarm output or AIS connectivity

Monitoring Communication options



Satellite



GSM



SIGFOX

How to order your lantern?

Compose your order code in only 4 steps, which will look like: GSA-8-[C]-[OPT]-[MONIT]

1. Type the lantern **reference**: GSA-8
2. Choose the **color** of the light: W (White), R (Red), G (Green) or Y (Yellow)
3. Select one or more of the available **options**:
 - GPS: GS
 - Alarm: AL or ALAIS
4. Choose one **monitoring communication option**: SAT(Satellite), GSM (GSM) or SGFOX (SigFox).

Order code example: GSA-8-W-GS-SAT.

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

STANDALONE LED LANTERN

GSA-8 (10D)

up to 10 NM+



Bluetooth® control

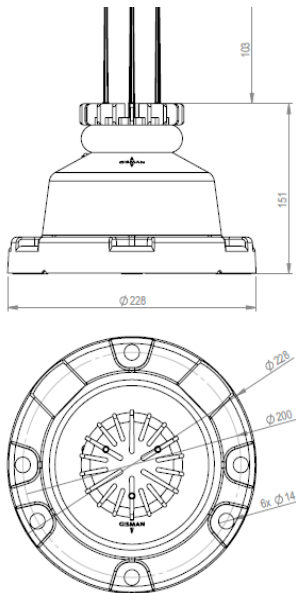
The GSA-8 are robust and efficient standalone LED lanterns with a range up to 10 NM+ @0.74T. The 10D version offers a vertical divergence of 10° @50%.

Benefits include :

- High performances
- Low consumption
- Quick set up and easy to use with GISMAN Bluetooth® application
- Optional A2NGO monitoring cybersecured system
- 3 years warranty
- Service life over 10 years
- IALA compliance to applicable recommendations

Technical Features

- Vertical divergence : > 10° @ 50%
- Colors: white, red, green and yellow
- Programmable flash characters: 369 + 1 personalized
- Allard correction for short flash characters
- Adjustable range
- Adjustable ambient light levels
- Bluetooth® programming and communication module



OPTICAL PERFORMANCES*

GSA-8	White	Red	Green	Yellow
Intensity I _{max} (Cd)	1560	1090	1900	800
Range (NM) @0,74T	4 to 10 MN+			
Range (NM) @0,85T	5 to 14 MN+			

*Intensity may vary with manufacturing tolerances.

MATERIALS

Lens: acrylic (PPMA)
Lantern body: polycarbonate - UV stabilized
Heat exchanger: anodized aluminium

GSA SUPPLY VOLTAGE

12V - from battery or mains via a buffer battery

CERTIFICATION AND TESTS

European Community: Directive 2014/53/UE
IALA: R0201 compliance of the colors
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Ingress protection: IP 68 - IEC 60529
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WEIGHT

0,7 kg

MOUNTING

3 or 4 screws M10 on Ø200mm

TEMPERATURES RANGE

From - 40 °C/-40 °F to + 65 °C/149 °F

Available options



GPS synchronization



Default light alarm output or AIS connectivity

Monitoring Communication options



Satellite



GSM



SIGFOX

How to order your lantern?

Compose your order code in only 4 steps, which will look like: GSA-8-10D-[C]-[OPT]-[MONIT]

1. Type the lantern **reference**: GSA-8-10D
2. Choose the **color** of the light: W (White), R (Red), G (Green) or Y (Yellow)
3. Select one or more of the available **options**:
 - GPS: GS
 - Alarm: AL or ALAIS
4. Choose one **monitoring communication option**: SAT(Satellite), GSM (GSM) or SGFOX (SigFox).

Order code example: GSA-8-10D-W-GS-SAT.

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