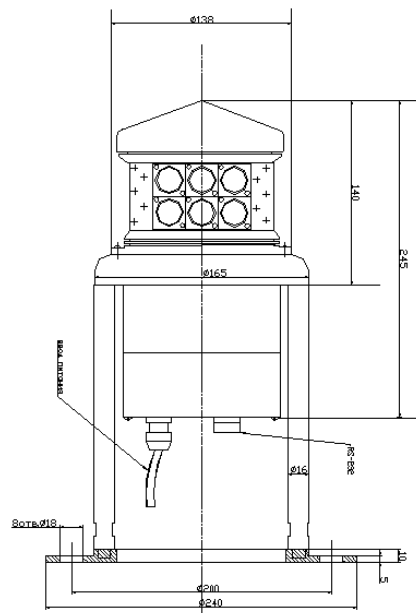




Navigational LED lantern Gotta-NVL(FSN-03MR-S) (for marine, riverine) for use of monitoring aids to navigation on leading line navigation signs to indicate ship routing in the seas, rivers, canals, reservoirs, lakes. Visibility range, glimpse characteristic and the colour of light are determined in accordance with the requirement of the International Association of Lighthouse Authorities (IALA).

Emission colour	Red, Green, White, Yellow, Blue
Range	Up to 14,4 miles
Horizontal angle of emission	10°
Vertical angle of emission	10°
Glimpse feature	IALA recommendation – 256. Customer requested– software adjustable upon order
Emission intensity	Software adjustable
Product average technical lifespan	10 000 hours
Nominal current consumption	1000 mA
Operating voltage supply	From +9 to +24V (limited to 5,2+30 V)
Operating temperature range	From –40°C to +40°C, limited to –50°C to +70°C.
Housing material based on operating conditions	- Steel35 with galvanized housing, gloss powder paint - Stainless steel, gloss powder paint - Aluminum, gloss powder paint
Height	245 mm
Width	240 mm
Mass	5 kg
Operating lifetime	5 years
Storage lifetime	5 years
Protection level	IP67
Conformity certificate of State Registry	№ 1310609 from 19.07.2013
Certificate PMPC	№ 13.00453.327 от 30.08.2013
Quality certificate	ISO 9001:2008
Warranty period	12 months
Specifications	HTAB.468230.301
Supplied with	Lantern Gotta-NVL(FSN-03MR-S); Power Cable; Tech. Passport

LED lantern Gotta-NVL(FSN-03MR-S) at the ПСЗ «Dvornaya Schell» of «Goluboy Potok» object OAO «Gazprom»



Example of placing an order:
«Navigation LED lantern»

When placing an order please specify the decimal number of the main document, execution number and additional execution number.

HTAB.468230.301 - XXX.XXX

- Remote control
- Presence of GLONASS/NAVSTAR gauges
- Stand-alone power supply
- Housing material
- Visibility range
- Emission colour

Remote control	Ref.Number
Without remote control	0
With remote control via radio channel 900MHz	1
With remote control via satellite radio channels Globalstar	2
Датчик GLONASS/NAVSTAR	
Without GLONASS/NAVSTAR	0
With GLONASS/NAVSTAR	1
With synchronized flashing characteristics of two or more AtoN	2
Stand-alone power supply	
Without stand-alone power supply	0
With stand-alone power supply	1

Emission colour	Ref.Number
White	0
Red	1
Yellow	2
Green	3
Blue	4
Visibility range	
Up to 4,5 nautical miles	1
Up to 5,4 nautical miles	2
Up to 7,7 nautical miles	3
Up to 9,4 nautical miles	4
Up to 12 nautical miles	5
Up to 14,4 nautical miles	6
Housing material	
Steel 35 with galvanized housing, gloss powder paint	0
Stainless steel, gloss powder paint	1
Aluminium, gloss powder paint	2
Impact-resistant polycarbonate housing	3