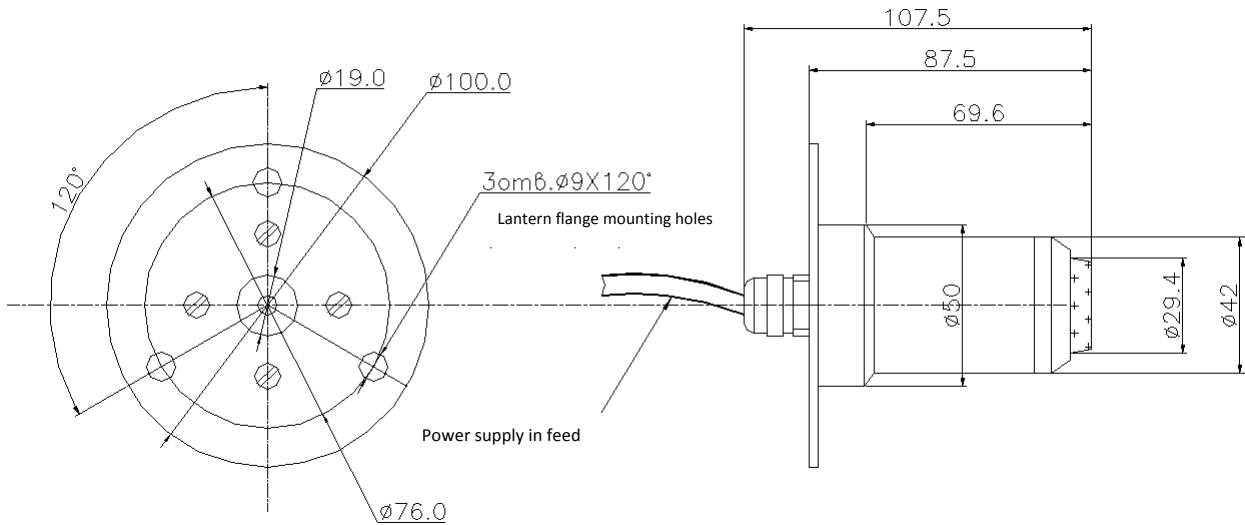


LED lantern ФСН-03МР-М with stand-alone power supply on buoy Nr. 5 (type 400/6) at approach channel of Marine Residence of the President of the Russian Federation

Navigational LED lantern Gotta-NVL(FSN-03MR-M) (for marine and riverine), installed on floating warning signs (light buoys and spar buoys) for indications and designations of the fairways at the seas, rivers, canals, reservoirs, lakes and for fencing of separate navigational hazards. 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 3,6 miles
Horizontal angle of emission	360°
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	150 mA
Operating voltage supply	From +9 to +24V (limited to 5,2+30V)
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	107,5 mm
Width	42 mm
Mass	0,56 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 from 30.08.2013
Quality certificate	ISO 9001:2008
Warranty period	12 months
Specifications	HTAB.468230.001
Supplied with	Lantern Gotta-NVL(FSN-03MR-M); Power Cable; Tech. Passport

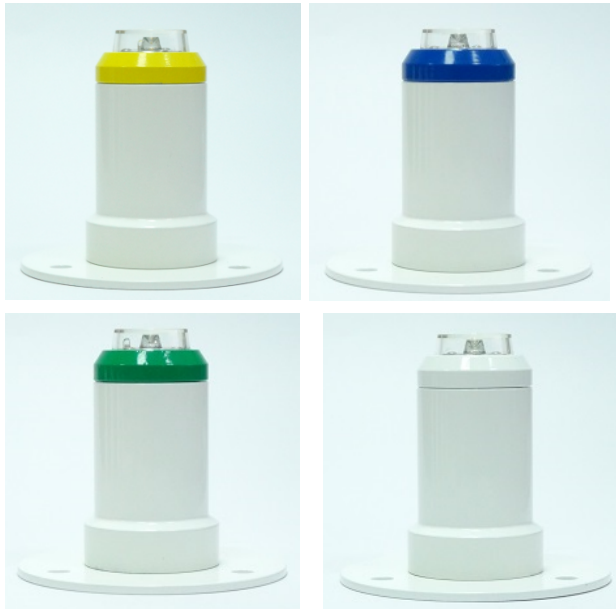


Example of placing an order:  
**«Navigation LED lantern»**

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

**HTAB.468230.100 - 000.XX X**

● Housing material  
 ● Visibility range  
 ● Emission colour



Emission colour	Ref.Number
White	0
Red	1
Yellow	2
Green	3
Blue	4
<b>Visibility range</b>	
Up to 2 nautical miles	0
Up to 3,6 nautical miles	1
<b>Housing material</b>	
Steel 35 with galvanized housing, gloss powder paint	0
Stainless steel, gloss powder paint	1
Aluminium, gloss powder paint	2