



As of 1 December 2022, there are 1628 navigation aids in Estonia, of which 55 are lighthouses, 235 are beacons, 33 are daybeacons and 1305 are navigation buoys.

NINAKÜLA LIGHTHOUSE

Geographical coordinates: 58° 36.44153'N; 27° 12.56061'E.

Ninaküla Lighthouse (previously known as Nina Lighthouse) guides Mustvee and Rannapungerja fairways.

LIGHTHOUSE HISTORY AND INFORMATION

- In **1926** the first flashing light beacon in Nina village was constructed.
- In **1937** the reinforced concrete lighthouse with a balcony and lantern room was constructed, a carbide lamp as the light source was installed. The narrow red northern sector of the light warned of the Kodavere Shoal.
- In **2002** the lighthouse was connected to a remote sensing system. An incandescent lamp lantern Tideland ML155 (USA) was used.
- In **2013/2014** the first LED lantern was installed - Sabik LED-350-4W (Finland).
- In **2018** the Sabik ekta™ E8254.W (Estonia) omnidirectional LED lantern was installed, with a maximum total light intensity of 3040 cd, (one candela is equal to the light intensity of one lit candle), with total power consumption of 18 W and a maximum visibility range of **10 nautical miles (~18 km)** in the darkness.

With good weather conditions, the lighthouse is visible even from **30 km** away, but visibility from farther is limited by the curvature of the Earth.

- In **2021** the exterior of the lighthouse was renovated

Sources:

Peeter Peetsalu „Merekultuurilugu“ (Cultural History of the Sea),

Jaan Vali „Eesti tuletornide ajalugu“ (History of Estonian Lighthouses).

NAVIGATION AID FACTS

Navigation aid number: P12

Surface elevation above water level: 4.2 m

Aid elevation above surface elevation: 11.2 m

Light elevation from the surface of Lake Peipsi: 14.6 m

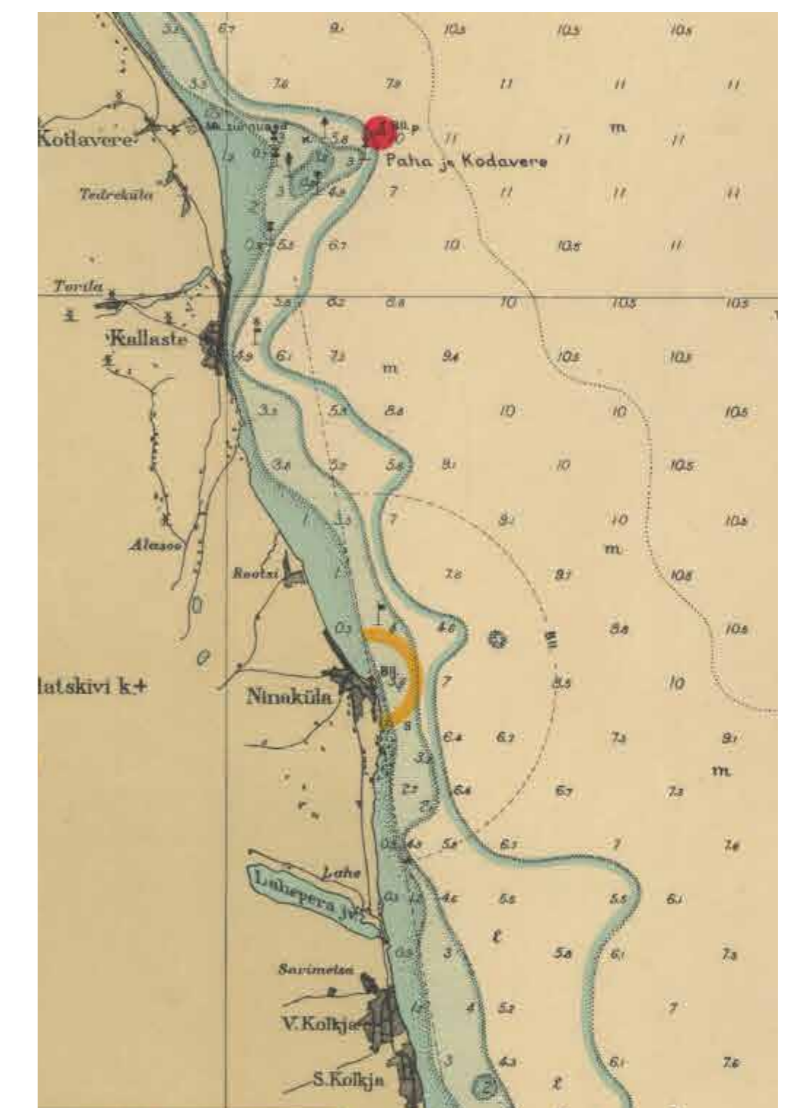
Light characteristics: Fl W 4 s Flashing light

Fl  Flashing light

Flashing period description: 0.8+3.2=4



Extract from the Navigational map of inland waters map of Estonia from the year 2022



Extract from a 1926 Lake Peipsi navigation map



New Nina Lighthouse and the old Nina beacon, in the year 1937



The first LED lantern (Sabik LED350-4) in Nina Lighthouse, photo T. Vilu



The Sabik ekta™ 8254.W omnidirectional lantern is a device, where both the main and emergency light source are combined in a single lantern and cooled with heat sink, photo O. Ivanov