**PASSPORT**

The LED semiconductor light

«Liniya-1-O» SSP-A-220-034-O-N, T-MCC,

«Liniya-1-P» SSP-A-220-034-P-N, T-MCC,

TS 3461-006-41677105-10

**1. GENERAL INFORMATION**

1.1 The LED semiconductor light "Liniya-1" (further named lamp) of white color is intended for internal illumination of objects. The light has a case with a protective glass. The light is surface-mounted and installed on the ceiling or walls of the object.

1.2. The lamp remains functional in the following conditions:

- relative humidity up to 95% (at a temperature of +40 °C)

- ambient operating temperature from minus 30 °C to +60 °C.

1.3 The electrical and lighting parameters:

- supply voltage range (140 ÷ 265) VAC with frequency (50 Hz ±10%) or (200 ÷ 370) VDC;

- consumption power\*, not more than 48W;

\* Consumption power value can differ by ±10%.

- light flux\*\*, not less “Liniya-1-O” – 5300 lm, “Liniya-1-P” – 5700 lm;

\*\* Light flux is specified for the LED module at the chip temperature of 25 C. To specify the light flux it is necessary to consider IES-file for the light.

- light intensity curve according to GOST P 54350- cosine;

- color temperature, K: T - (warm luminous color) from 3 000 K to 4 000, N (normal luminous color) from 4 000 K to 6 000 K;

- ripple factor of the light flux is not more than 5%;

- IP of the housing is not less than IP40 according to IEC 529;

- climatic category MCC according to IEC 60721-2-1:2013:1982, IEC 60068-1:2013;

- the light protection class 1 according to IEC 60598-1;

- insulation resistance of live parts is not less than 2 МОm;

- grounding resistance is not more than 0,5 Оm;

- power factor is not less than 0,9;

- overall sizes 1200x200x40mm;

- the light weight, not more than 3.3 kg;

- fire safety is up to IEC 60598-1, NPB 249-97;

- service life when conforming to operating conditions is not less than 100 000 hours;

- storage from the date of its being manufactured is 3 years.

**2. SET (the light complectness):**

2.1 The set consists of:

- a light – 1 pce.,

- an operating manual – 1 pce.,

- a passport – 1 pce.,

- a package – 1 pce,

**3. ACCEPTANCE CERTIFICATE**

3. 1 The light is manufactured in accordance with specifications TS 3461–006–41677105–10 and proved to be suitable for operating.

QCD Issue Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_20

**4. RECYCLING DATA**

4.1 All the materials of which the light is manufactured are not dangerous for the life and health of people and the environment and are in conformance with IEC 60598-1.

4.2 On completing the operation of the light, it does not require a special recycling and should be handed as a recyclable material in accordance with the present rules.

**5. WARRANTY**

5.1 The manufacturer guarantees the conformance of the light to the technical specifications and normal work within 5 years since operating it at condition of observing the rules of transportation, storage and installation.

5.2 Within the warranty period damaged lights should be changed charge free by the manufacture at the conditions of the conformance to the installation and operating rules by the customer.

**6. RECLAMATION DATA**

6.1 The order of claiming a reclamation is stated in accordance with the current regulations on the objects of applying.

6.2 The reclamation in a standard form should be claimed to the manufacturer with a compulsive attachment of a discarding act, without which the reclamation cannot be accepted. The reclamation should be forwarded the following address:

19, Leskova str., Orel, 302040, Russia, JSC «Proton»

Tel./ Fax. (4862) 41-44-03