**PASSPORT**

The LED semiconductor light

«Armstrong-14-O» SSP-A-220-014-O-N, T-MCC,

«Armstrong-15-O» SSP-A-220-015-O-N, T-MCC,

«Armstrong-16-O» SSP-A-220-016-O-N, T-MCC

TS 3461-006-41677105-10

**1. GENERAL INFORMATION**

1.1 The LED semiconductor light "Armstrong" (further named lamp) of white color is intended for work in a network of alternating current for internal illumination of objects. The lamp has a metal case with a protective opal glass.

1.2. The lamp remains functional in the following conditions:

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

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

1.3 The technical parameters of the light.

Table 1 – Electrical and illuminating parameters

|  |  |  |  |
| --- | --- | --- | --- |
|  The light brand | The light type | Light flux\*, not less than, lm | Consumption power, nominal\*\*, W |
| Armstrong-14-O | SSP-A-220-014-O-N,T-MCC | 5700 | 48 |
| Armstrong-15-O | SSP-A-220-015-O-N,T-MCC | 4700 | 39 |
| Armstrong-16-O | SSP-A-220-016-O-N,T-MCC | 3600 | 30 |

\* 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.

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

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

- 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;

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

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

- power factor is not less than 0,9;

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

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

- insulation resistance of live parts is not less than 20 МОm;

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

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

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

- overall sizes 595x595x40mm;

- the light weight, not more than 4.5 kg;

- 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.,

- a passport – 1 pce.,

- an operating manual – 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. In the act it is necessary to specify the date of the lamp operation, the nature of malfunction, the conditions under which it is detected. To the act it is necessary to attach a copy of the payment document to the lamp.

The reclamation should be forwarded the following address:

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

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